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MILITARY HANDBOOK

**ELECTRON TUBES,
CROSS INDEX AND TYPE
IDENTIFICATION**



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DEPARTMENT OF DEFENSE
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Cross Index and Type Identification
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1. This standardization handbook was developed by the Bureau of Ships, Department of the Navy, for use by the Department of Defense.
2. This publication was approved on 5 November 1963 for printing and inclusion in the military standardization handbook series.
3. This handbook furnishes information relative to the cross indexing and type identification of electron tubes.
4. Recommended corrections, additions, or deletions should be addressed to the Chief, Bureau of Ships, Department of the Navy, Washington, D.C. 20360.

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CONTENTS

1. The first column, titled "Tube Type" lists in numerical-alphabetical order all type numbers covered by this handbook. (See EXPLANATION OF LISTING SEQUENCE).
2. The second column, titled "Current Service Designation" is the approved service designation for the type.
3. The third column, titled "Other Number" contains other designations by which the same type has been known.
4. The fourth column, titled "Class Description" gives a brief description of the tube and its application, and will serve to identify the tube as well as to differentiate between unlike types having the same number. The description includes guides by specific words, defined as follows:
 - "Obsolete" does not imply that a type is no longer used, but that it will not be manufactured.
 - "Similar to" denotes those types which have similar electrical characteristics but may differ in basing, heater voltage or physical size.
 - "Selected" indicates a tube type specially tested for particular characteristics.

INTRODUCTION

1. The purpose of this publication is to provide as complete a list as possible of electron tube types used in Armed Services equipments or stocked in depots, together with a cross reference to any other type numbers or designations these tubes may have. Crystal rectifiers and transistors are not included except for occasional items where their nomenclature may be confused with tube type numbers.

2. The inclusion of an electron tube type in this document does not in itself constitute any recommendation(s) for or against its use. Designers of new equipments should refer to "MIL-STD-200, ELECTRON TUBES, SELECTION AND USE OF".

EXPLANATORY NOTES

1. The letter "W" immediately following the end of a tube type designation indicates a tube which has been modified for military usage, either with respect to environmental characteristics, reliability, or both. Usually it can be used in the same socket as its prototype, but it may be of different overall physical dimensions or have a slightly variant heater current.

2. GT/G. There has been considerable misunderstanding throughout the service as to the relationship among tubes marked G, GT, and GY/G. The GT/G group of tubes was manufactured primarily for equipment built for civilian use. Because of similarity in electrical characteristics of tubes of certain G and GT types, manufacturers discontinued the G types and thereafter branded the GT, GT/G. Tubes of the latter two types, (GT and GT/G) are identical electrically and mechanically, and so are interchangeable and can be stocked together. Their correct service designation is now GT. They are smaller than those of the G type, however, and may have other mechanical and electrical differences, so that replacement of G tubes by GT or GT/G tubes, while it may be possible, should first be approved by those responsible for the operation of the equipment.

3. Explanation of listing sequence. -

1. Tube type designations containing letters only are listed first and are in alphabetical sequence.

2. Tube type designations containing letters and numerals are listed next in numeric-alphabetic sequence.

a. All designations with "1" in them precede all with "2" which precede all with "3", etc. (Note: "10" follows "9" and precedes "11".)

b. Within a given numeric group, those designations with alphabetic prefixes come first and are listed in alphabetic order of the prefix. (Note: within a prefix a "-" precedes any letter of the alphabet.)

INTRODUCTION

Example:

BL1	TT1
BS1	V1
CE1	1
D1	A2
GM-M1	BL2
GMHM1	CE2
NU1	ZA2
O1	ZP2
RE1	2

c. Within a given numeric group, whenever the number (or the number and prefix if both exist) is identical, the sequence is alphabetic according to the letters appearing next after the number. (Note: "-" or "/" precedes in sequence any letter of the alphabet.)

Example:

BL1	NU1V
BS1	O1
CE1	RE1
CE1A/B	TT1
CE1C	V1
D1	1
GM-M1	1-A
GM-M1M	1A
GMHM1	A2
NU1	2
NU1RBL	

d. When the alphabetic prefix, the numerical, and the first letter or letters following the numeral are the same, the further sequence is based upon the number next following, then the letter following that, etc.

Example:

1	1B1
1-15	1B3GT
1A1	1B3GT/8016
1A5G	6M-M1M2
1A5GT	6M-M1M20
1A5GT/G	6MH-MK1MOD10
1AB5	

Tube Type	Current Service Designation	Other Number	Class Description
AD	IV		See IV
AF	82		See 82
AG	83		See 83
AMP-VR	8H/8H/3		See 8H/8H/3
BA	1009/BA		See 1009/BA
BH	BH		Receiving duodiode gaseous rectifier
BR	BR		Receiving diode gaseous Rectifier (obsolete)
DX	DX		Dry system oven
FNH	6A3 Special		Special Type 6A3
GL	1B32/532A		See 1B32/532A
K-O	2J23/29		See 2J23/29
LA	6A4/LA		See 6A4/LA
LVX	2J42		See 2J42
Navy Type A	C1A		See C1A
Navy Type B	C5A		See C5A
Navy Type C	C6A		See C6A
PZ	47		See 47
PZH	2A5		See 2A5
SA	SA		Gas switching tube
SB	SB		Gas switching tube
SC	SC		Gas switching tube
XP	CV74		See CV74
XXB	XXB		Receiving twin triode frequency converter (obsolete)
XXD	14AF7		See 14AF7
XXFM	7X7/XXFM	7X7	See 7X7/XXFM
XXL	XXL		Receiving lock - in type triode (very similar to 7A4) obsolete
00A	00A	200A, 300A	Receiving triode detector - cesium vapor type (obsolete)
OSGLIM	CV71		See CV71
BL-M-008	BL-M-008		Magnetron
BL-S-016	BL-S-016		TR Tube
BL-T-005	BL-T-005		TR Tube
BL-T-015	8331	MA-3108, MXT-49	See 8331
BL-T-024	8330	MA-3107, MXT-48	See 8330
BL-T-033	TR610/BL-T-033	TR610	See TR610
BL-T-041	BL-T-041/8061	MPT-23, 8061	TR Tube
BL-T-059	BL-T-059/8060	MPT-24, 8060	TR Tube
0A2	0A2	HD51, S856	Miniature type OD3 voltage regulator. See also 6073
0A2/5856	5856		Voltage regulator, receiving
0A2WA	0A2WA		Receiving voltage regulator
0A3	0A3	GL75-30, 0A3/VR75, VR75-30	Voltage regulator
0A3/VR75	0A3		See 0A3
0A4G	0A4G		Triode, gas, cold cathode
0A5	0A5		Cold cathode relay tube for triggering
0B2	0B2	HD52	Receiving voltage regulator

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Tube Type	Current Service Designation	Other Number	Class Description
OB2WA	OB2WA		Receiving voltage regulator
OB3	OB3	OB3/VR90, VR90-30, GL90-30, VR90	Diode voltage regulator
OB3/VR90	OB3		See OB3
OC2	OC2	S859	Miniature type OA3 voltage regulator, (obsolete)
OC2/VR75	OC2		Miniature voltage regulator.
OC3	OC3	OC3/VR105, VR105-30, GL105/30	Diode voltage regulator. See OB2
OC3/VR105	OC3		See OC3
OC3/VR105W	OC3W		See OC3W
OC3W	OC3W	OC3/VR105W	Ruggedized OC3
OD3	OD3	GL150/30, VR150, VR150-30, OD3/VR150, WT294	Diode voltage regulator. See OA2
OD3/VR150	OD3		See OD3
OD3/VR150W	OD3W		See OD3W
OD3W	OD3W	OD3/VR150W	Ruggedized OD3
OE3	OE3		Voltage regulator
OG3	OG3	OG3/85A2, 85A2	Miniature voltage regulator
OY4	OY4		Half wave gas rectifier with starter
OY4G	OY4G		Half wave gas rectifier with starter
OZ4	OZ4		Duodiode gaseous rectifier, replace with OZ4A/1003
OZ4A	OZ4A/1003		See OZ4/1003
OZ4A/1003	OZ4A/1003	1003, CK1003, OZ4A, CK1003/OZ4A, 1003/OZ4A	Duodiode gas filled full wave rectifier OZ4 with increased current rating.
OZ4G	OZ4G		Full wave, gas, cold cathode rectifier
BL1	BL1		ATR tube
BS1	5979		See 5979
BS1/5979	5979		See 5979
C1A	C1A	CEC1A, ELC1A, GLC1A, Navy Type A, WX3169	Thyratron
C1B	3C31/C1B		See 3C31/C1B
C1B/A	5664		See 5664
C1J	C1J		Thyratron
C1J/A	5683/C1JA		See 5683/C1J/A
C1K	C1K		Thyratron, inert gas type
C1K/B	7319/C1K/B		See 7319/C1K/B
CE1	CE1A/B, C, D, E, V	NU1	Gas phototube, see also CE1C, CE1D, CE1E, CE1V
CE1A/B	CE1A/B		Gas phototube
CE1C	918		See 918
CE1D	868		See 868
CE1E	CE1E		Obsolete. Use 868
CE1RBL	1RBL		See 1RBL
CE1RBS	1RBS		See 1RBS
CE1V	CE1V		Vacuum phototube. See PJ22
CE1VC	PJ22		See PJ22

Tube Type	Current Service Designation	Other Number	Class Description
CEC1A	C1A		C1A
CL-1	CL-1		Clairex crystal photocell
D1	VR78 (Br.)		See VR78 (Br.)
DE1	27		See 27
DHA-1	DHA-1		TWT amplifier
E1T	E1T		Decade counter tube
EL1C	3B22		See 3B22
ELC1A	C1A		See C1A
ELC1B	3C31/C1B		See 3C31/C1B
ELC1K/B	7319/C1K/B		See 7319/C1K/B
F1A	F1A		Gamma counter tube
FE1	FE1		Improved 1B42
G1	G1		Gas phototube
GCI-7	GCI-7		Geiger-Mueller counter tube
GL-1P29/401	1P29		See 1P29
GLC1A	C1A		See C1A
GM-M1M2	MK1MOD2		See MK1MOD2
GM-M1M20	MK1MOD20		See MK1MOD20
GM-MK1MOD10	MK1MOD10		See MK1MOD10
GMH-MK1MOD10A	MK1MOD10A		See MK1MOD10A
GMH-MK1MOD10D	MK-MOD10D		See MK1MOD10D
HA-1B	HA-1B		Traveling wave tube
J1	2J22		See 2J22
KC1	KC1		Special purpose diode vacuum rectifier
LM1	LM1		Lamp
MARK 1 MOD 2	MK1MOD2		See MK 1MOD 2
MARK 1 MOD 10	MK1MOD10		See MK 1 MOD 10
MARK 1 MOD 10A	MK1MOD10A		See MK 1 MOD 10A
MARK 1 MOD 20	MARK 1 MOD 20		See MK 1 MOD 20
MK1 MOD 2	MK1 MOD 2	GMH-MK1MOD10A, GM-M1M2	Geiger-Muller counter tube
MK1 MOD 10	MK1 MOD 10	GMH-MK1MOD10A, GM-MKMOD10	Beta Gamma counter tube (outdoor type)
MK 1 MOD 10A	MK 1 MOD 10A	GMH-MK1MOD10A	Beta Gamma counter tube (indoor type)
MK1MOD10D	MK1MOD10D	GMH-MK1MOD10D, G-11A	Geiger-Mueller counter tube
MK1 MOD 20	MK1MOD20	GM-MLM20	Geiger-Mueller counter tube
MAS-1A	MAS-1A/7640	7640, 313H/7640	Traveling wave tube
ML1E	ML1E		Rectifier (medical & surgical)
ML1-K	ML1-K		High voltage half wave rectifier for x-ray apparatus.
NRCOO1M	REL53		See REL53
NU1	CE1		See CE1
NU1RBL	1RBL		See 1RBL
NU1RBS	1RBS		See 1RBS
NU1V	PJ22		See PJ22
O1	O1	20,1301	Receiving triode detector amplifier (obsolete)

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Tube Type	Current Service Designation	Other Number	Class Description
O1A	O1A	501A, UX201A, VT-30	Receiving triode detector amplifier (obsolete) See SE4374 equivalent to OOA (obsolete) and 40 (obsolete)
PAX-1	PAX-1		Packaged magnetron
R-1	R-1		Klystron
RE 1	80		See 80
REL 1	VT90 (Br.) /8011		See VT90 (Br.) /8011
GLC1A	C1A		See C1A
S-1	S-1		Transistor
SGR1	SGR1		Hydrogen thyratron, similar to 4C35 and 4C35A electrically
TGC1	1B83		See 1B83
TGC-1L	TGC-1L		Geiger-Mueller counter tube
TP-1	TP-1		Phonograph pick up tube-triode
TT1	6144	R6212A	See 6144
V1	V1		Vacuum phototube
XD-1	XD-1		High voltage diode
1	1		Obsolete, superseded by 1V
1-15	1-15		Ballast tube
1A1	1A1/5E1		See 1A1/5E1
1A1/5E1	1A1/5E1	5E1, 1A1	Ballast tube
1A3	1A3		Miniature HF diode
1A4	1A4		Receiving tetrode amplifier (replace with 1A4P)
1A4P	1A4P		Receiving pentode amplifier (nearest equivalent is 34)
1A4T	1A4T		Receiving tetrode amplifier (Obsolete, replace with 1A4P)
1A5G	1A5G		See 1A5GT-Replace with 1A5GT
1A5GT	1A5GT	VT-124	Receiving pentode power amplifier (similar to 105GT, 1T5GT, 1C5GT)
1A6	1A6		Receiving pentagrid converter - obsolete (similar to 1C6)
1A7G	1A7G		See 1A7GT - Replace with 1A7GT
1A7GT	1A7GT	VT-147	Receiving pentagrid converter (similar to 1B7GT)
1AB5	1AB5	SD719	Receiving lock in type pentode amplifier
1AB6	1AB6		Miniature pentagrid converter (Dutch)
1AC4	1AC4		Subminiature twin diode
1AC5	1AC5	A4513	Receiving subminiature pentode
1AC6	1AC6		Miniature pentagrid converter (Dutch)
1AD4	1AD4	QF408	Receiving subminiature pentode, sharp cutoff
1AD5	1AD5		Receiving subminiature pentode
1AE4	1AE4		Miniature pentode voltage amplifier
1AE5	1AE5	QF409	Receiving subminiature mixer

Tube Type	Current Service Designation	Other Number	Class Description
1AF4	1AF4		Miniature receiving pentode
1AF5	1AF5		Miniature receiving diode pentode
1AG4	1AG4		Subminiature pentode
1AG5	1AG5		Subminiature diode pentode
1AH4	1AH4		Subminiature pentode
1AH5	1AH5		Miniature diode pentode (Dutch)
1AJ4	1AJ4		R.F. pentode, button, 7 plus (Philips)
1AJ5	1AJ5		Subminiature diode pentode
1AK4	1AK4		Subminiature R.F. pentode
1AK5	1AK5		Subminiature diode pentode
1AM4	1AM4		Miniature R.F. remote cutoff pentode (Japanese)
1AN5	1AN5		Receiving pentode (Canadian)
1AP5	1AP5		Cathode ray tube (similar to type 913 with P-5 screen)
1AQ5	1AQ5		Pentagrid converter (Japanese)
1AR5	1AR5		Diode pentode (Japanese)
1AS5	1AS5		Diode pentode (Japanese)
1AX2	1AX2		Miniature half wave rectifier (similar to 1X2A)
1B1	1B1		Ballast tube
1B3GT	1B3GT	1B3GT/8016	Transmitting diode vacuum rectifier (replaces 8016)
1B3GT/8016	1B3GT		See 1B3GT
1B4	1B4		Obsolete, see 1B4P
1B4G	1B4G		Obsolete, see 1B4P
1B4P	1B4P	951, 1B4P/951, 1B4G, 1B4, 1B4T	Receiving pentode amplifier (obsolete, replace with 32; similar to 1E5GP, 1E5GT)
1B4T	1B4T		Obsolete, see 1B4P
1B4T/951	1B4P		Obsolete, see 1B4P
1B5	1B5/25S		See 1B5/25S
1B5/25S	1B5/25S	1B5, 25S, 25S25, 25-258	Receiving duodiode triode (obsolete)
1B7G	1B7G		Obsolete; use 1B7GT
1B7GT	1B7GT		Receiving pentagrid converter. Obsolete (similar to 1A7GT)
1B8GT	1B8GT		Receiving diode triode pentode
1B21	471		See 471
1B21A	471A		See 471A
1B22	1B22	WE1378X, 1378X	Spark gap diode modulator
1B23	1B23	WE729A	
1B23 (WECo)	1B23	729A, WE729A, 2779A	TR tube. Will replace 702B with modification kit
1B23 (Bomac)	1B23		TR tube
1B24	1B24	WX3199, X6011, REL30	TR tube
1B24A	1B24A		TR tube
1B25	1B25	S853	Gas switching tube
1B26	1B26	WX3210	TR tube
1B27	1B27		TR tube
1B28	1B28	X6012	Gas switching tube

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Tube Type	Current Service Designation	Other Number	Class Description
1B29	1B29	1437GT	Gas switching tube
1B30	1B30	ZG530	Gas switching tube
1B31	1B31	1391Z, 1391X	Gas switching tube
1B32	1B32/532A		See 1B32/532A
1B32/532A	1B32/532A	GA-5, GL532A, GL WL532A, 532A, 1B32	Diode gas discharge tube
1B33	1B33		Gas switching tube
1B34	1B34		Spark gas diode modulator. Obsolete
1B35	1B35	X6031	ATR tube. Superseded by 1B35A
1B35A	1B35A	6038, ATR414	ATR tube. Replaces 1B35
1B35A-S	1B35A-S		ATR tube
1B36	1B36	6015	ATR tube
1B36A	1B36A		ATR tube
1B37	1B37		ATR tube
1B37A	1B37A		ATR tube
1B38	1B38		Pre-TR tube
1B39	1B39	WL539A, 539A	Gas switching tube
1B40	1B40	SD847A	TR tube
1B41	1B41	WX3240D	Series spark gap diode modulator
1B42	1B42	D170135, 1438GT, FE1	Mercury cathode series gap
1B43	1B43	SD829	Gas switching tube
1B44	1B44		ATR tube
1B45	1B45	WX3240B	Gas switching tube
1B46	1B46	R1160A, 1B46/R1160A	Miniature voltage regulator
1B46/R1160A	1B46		See 1B46
1B47	1B47		Miniature voltage regulator
1B48	1B48	CK1011A	Cold cathode miniature gas diode rec- tifier, obsolete, (Replace with 5517/ CK1013) electrically interchange- able
1B49	1B49	WX3240G	Gas switching tube
1B50	1B50	X6032	TR tube
1B51	1B51	X6033	ATR tube
1B52	1B52	X6035	ATR tube
1B53	1B53		ATR tube
1B54	1B54	X6036	PRE-TR tube (note: This is definitely an active and available tube)
1B55	1B55	X6034	TR tube
1B56	1B56		ATR tube
1B57	1B57		ATR tube, similar to 1B44, 1B52, 1B53, 1B56, 1B57, 5792, 5793
1B58	1B58		Gas switching tube
1B58A	1B58A		TR tube
1B59	1B59/R1130B		Sec 1B59/R1130B
1B59/R1130B	1B59/R1130B		Cold cathode crator-glow modulator tube
1B60	1B60		TR tube, superseded by 1B24A
1B62	1B62		Modified 721B (TR)
1B63	1B63		TR tube. Replace with 1B63A

Tube Type	Current Service Designation	Other Number	Class Description
1B63A	1B63A	X6044	Improved 1B63 (see 6597, a combined TR and shutter tube.)
1B64	1B64		Miniature voltage regulator, glow discharge
1B65	1B65		Gas switching TR tube
1B67	1B67	1B67/VG10A, VG10A	Counter tube, Beta-Gamma
1B67/VG10A	1B67		See 1B67
1B68	1B68	VG-13, K-11	Beta-Gamma counter tube. Replace with MK1MOD10D
1B69	1B69	1E	Gamma counter tube
1B70	1B70	1M	Gamma counter tube
1B71	1B71	4E	Gamma counter tube
1B72	1B72	4M	Gamma counter tube
1B73	1B73	10E	Gamma counter tube
1B74	1B74	10M	Gamma counter tube
1B75	BS-6		See BS-6
1B76	1B76	100N	Beta counter tube
1B77	1B77	120C	Beta counter tube
1B78	1B78	150C	Beta-Gamma counter tube
1B79	1B79	150M	Beta-Gamma counter tube
1B80	5979		See 5979
1B81	1B81	200C	Alpha counter tube
1B83	1B83	TGC-1	Beta-Gamma counter tube
1B84	1B84	TGC-2	Beta-Gamma counter tube
1B85	1B85		Beta-Gamma counter tube
1B85A	1B85A		Beta-Gamma counter tube directly interchangeable with 6833/Anton 112
1B86	1B86		Gamma counter tube
1B87	1B87	VXG-11	Miniature Gamma counter tube
1B88	1B88		Gamma counter tube
1B89	1B89		X-ray counter tube
1B90	1B90		Beta-Gamma counter tube
1B97	1B97		Counter tube
1B98	1B98		Counter tube
1B99	1B99		Counter tube
1B100	1B100		Counter tube
1B102	1B102		Thyrode-Beta counter tube
1B105	1B105		Counter tube
1B106	1B106		Thyrode-Beta counter tube
1B124	1B124		Gamma counter tube
1B125	1B125		Cosmic-ray counter tube
1B126	1B126		Gamma counter tube
1C	3B22		See 3B22
1C3	1C3		Receiving triode voltage amplifier
1C4	1C4		Australian receiving pentode amplifier. Obsolete. Replaces with 1A4P
1C5G	1C5G		See 1C5GT - G - Replace with 1C5GT - G
1C5GT	1C5GT	VT-125	Receiving pentode amplifier (similar to 1O5GT, 1T5GT, 1A5GT)

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Tube Type	Current Service Designation	Other Number	Class Description
1C6	1C6		Receiving pentagrid converter (similar to 1A6)
1C7G	1C7G		Receiving pentagrid converter (similar to 1D7G) (Typed 1C5 characteristics)
1C8	1C8		Subminiature filamentary tape triode heptode converter
1C21	1C21		Cold cathode gas triode
1CP1	1CP1		Miniature cathode ray tube, automatic focus
1D1	1D1		(Inditron)-glow indicator tube
1D2	1D2		Receiving current regulator
1D3	1D3	SD1066A	Subminiature triode
1D4G	1D4G		Receiving RF pentode (Australian)
1D4GT	1D4GT		Receiving RF pentode (Australian)
1D5G	1D5GP		See 1D5GP
1D5GP	1D5GP	1D5G	Receiving pentode amplifier (nearest equivalent is 1D5G, similar to 1A4P and 1E5G)
1D5GT	1D5GT		Receiving tetrode amplifier (obsolete, replace with 1D5GP)
1D6	1D6		Subminiature pentode, similar to 1AG4, 1AG5, 1AB4
1D7G	1D7G		Receiving pentagrid converter. Obsolete. Replace with 1C7G. (Type 1A6 characteristics)
1D8GT	1D8GT	VT-148	Receiving diode triode pentode
1D21	631P1		See 631P1
1D21/631P1	631P1		See 631P1
1D85	1D85		Radiation counter tube
1DN5	1DN5		Receiving diode pentode, 7 pin miniature, for portable equipment
1DP-----	1DP-----	NU2163, NU2164	Miniature cathode ray tube, electrostatic focus and deflection
1E	1B69		See 1B69
1E1	1E1		Ballast tube, supersedes 1P1
1E2	1E2		Receiving current regulator
1E3	1E3		British-UHF triode for transmitting & receiving
1E4G	1E4G		Receiving triode amplifier (obsolete, similar to 1G4GT, 1B4G and 1LE3). Use 1G4GT
1E5G	1E5G		Receiving screen grid RF amplifier (similar to 1D5GP). Obsolete
1E5GP	1E5GP	VT-170	Receiving pentode amplifier (type 1B4 characteristics)
1E5GT	1E5GT		Replace with 1K5GP
1E7G	1E7G		Receiving twin pentode amplifier
1E7GT	1E7GT		Receiving twin pentode amplifier

Tube Type	Current Service Designation	Other Number	Class Description
1E8	1E8		Subminiature pentagrid converter, similar to 1B5
1EP-----	1EP-----		Cathode ray tube, electrostatic focus and deflection
1F4	1F4		Receiving pentode amplifier (type 1F5G characteristics)
1F5G	1F5G		Receiving pentode amplifier (type 1F4 characteristics)
1F6	1F6		Receiving duodiode pentode amplifier (obsolete)
1F7G	1F7G		Receiving duodiode pentode amplifier. Obsolete. (Type 1F6 characteristics)
1F7GH	1F7GH		Receiving duodiode pentode (replace with 1F7G)
1F7GT	1F7GT		Receiving duodiode pentode (replace with 1F7G)
1F7GV	1F7GV		Receiving duodiode pentode (replace with 1F7G)
1F7GY	1F7GY		Receiving duodiode pentode (replace with 1F7G)
1G1	1G1		Receiving current regulator
1G3GT	1G3GT		Half wave vacuum rectifier
1G4G	1G4G		See 1G4GT - replace with 1G4GT
1G4GT	1G4GT		Receiving triode detector amplifier (similar to 1E4G, 1H4G)
1G5G	1G5G		Receiving pentode power amplifier (obsolete similar to 1J5G)
1G5GT	1G5GT		Receiving pentode power amplifier, obsolete
1G6G	1G6G		Obsolete. Replace with 1G6GT
1G6GT	1G6GT		Receiving twin triode amplifier
1H2	1H2		High voltage diode rectifier
1H4G	1H4G		Receiving triode detector amplifier (similar to 30, 1E4G, 1G4GT)
1H4GT	1H4GT		Receiving triode detector amplifier
1H5G	1H5G		Obsolete. Replace with 1H5GT
1H5GT	1H5GT	VT-223	Receiving diode high mu triode detector amplifier
1H6G	1H6G		Receiving duodiode triode, obsolete. (Type 1B5 characteristics)
1H6GT	1H6GT		Receiving duodiode low mu triode
1H20	1H20		Ballast tube
1H22	1H22		Ballast tube
1HT4	1HT4	6345	Ballast tube
1HTF10	1HTF10		Ballast tube
1J1	1J1		Receiving current regulator
1J3	1J3		Transmitting diode for TV hi voltage
1J5G	1J5G		Receiving pentode power amplifier. Obsolete. (Replace with 1G5G or 1J6GT if grid bias load resistance is changed)

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Tube Type	Current Service Designation	Other Number	Class Description
1J5GT	1J5GT		Receiving pentode power amplifier
1J6G	1J6G		Receiving twin triode amplifier. (Type 19 characteristics)
1J6GT	1J6GT		Receiving twin power triode
1J6GX	1J6GX		Type 1J6G with ceramic base. Obsolete. Use 1J6GT
1K015CA	1K015CA		Klystron
1K015CA/G	1K015CA/G		Klystron
1K015CG	1K015CG		Klystron, C band
1K015XA	1K015XA		Klystron, X band
1K015XC	1K015XC		Klystron, X band
1K015XG	1K015XG		Klystron, X band
1K1	1K1		Receiving current regulator
1K3	1K3		High voltage diode rectifier
1K4	1K4		Receiving duodiode pentode amplifier (Australian) (Type 1K5G characteristics)
1K5G	1K5G		Receiving duodiode pentode amplifier (Australian)
1K6	1K6		Australian
1K7	1K7		Australian receiving tube
1K75CL	1K75CL		Klystron
1L1	1L1		Receiving current regulator
1L4	1L4		Receiving miniature, button RF pentode amplifier, sharp cut off
1L5	1L5		Australian receiving tube
1L6	1L6		Receiving miniature pentagrid converter
1L21	1L21		Vacuum capacitor
1L24	1L24		Vacuum capacitor
1L25	1L25		Vacuum capacitor
1LA4	1LA4		Receiving lock in type pentode amplifier (Type 1A5G characteristics)
1LA6	1LA6		Receiving lock in type pentagrid converter (similar to 1LC6 and 1A7G)
1LB4	1LB4		Receiving power output pentode
1LB6	1LB6	1LB6GL	Receiving lock-in type pentagrid mixer
1LB6GL	1LB6		See 1LB6
1LC5	1LC5		Receiving lock-in type pentode voltage amplifier
1LC6	1LC6	VT-178	Receiving lock-in type pentagrid converter (similar to 1LA6)
1LD5	1LD5		Receiving lock-in type diode pentode amplifier
1LE3	1LE3	VT-239	Receiving lock-in type triode amplifier
1LE3SP/VT239	1LE3SP/VT239		Superseded by 1LF3
1LF3	1LF3		1LE3 with low grid current limits
1LG5	1LG5		Receiving lock-in type pentode voltage amplifier, semi remote cutoff

Tube Type	Current Service Designation	Other Number	Class Description
1LH4	1LH4	VT-177	Receiving lock-in type diode triode detector amplifier (type 1H5G characteristics)
1LN5	1LN5	VT-179	Receiving lock-in type pentode amplifier
1M	1B70		See 1B70
1M3	1M3		Electron ray tuning indicator (Canadian)
1M5	1M5		Australian receiving tube
1N	1N		Gamma counter tube
1N1	1N1		Receiving current regulator
1N3	1N3		Electron ray tuning indicator (British) Identical to 1M3 except lead length
1N5G	1N5G		Obsolete. Replace with 1N5GT
1N5GT	1N5GT	VT-146, 1N5GT/G	Receiving pentode amplifier
1N5GT/G	1N5GT		See 1N5GT
1N6G	1N6G		Receiving diode pentode power amplifier (obsolete). Use 1N6GT
1N6GT	1N6GT		Receiving diode pentode power amplifier. Obsolete
1P1	1P1		Ballast tube, replace with 1E1
1P5G	1P5G		Obsolete. Replace with 1P5GT
1P5GT	1P5GT		Receiving pentode amplifier
1P21	1P21		Vacuum multiplier phototube (selected 931A)
1P22	1P22		Vacuum multiplier phototube
1P23	1P23	GL-553	Gas phototube (868/PJ23 with painted envelope)
1P24	1P24	GL-564, C7063, ZP516, 516, 936, GL-516, RCA-936	Vacuum phototube. Obsolete. (Nearest equivalent is 936)
1P25	1P25	C7493, L-B13	Phototube
1P25A	1P25A		Selected 1P25, phototube
1P25G	1P25G		Phototube. Obsolete
1P28	1P28		Photo multiplier (ultraviolet responsive 931A)
1P29	1P29	FG401, FJ401	Gas phototube (violet-green sensitive)
1P30	1P30	CE2C, 71A3	Gas phototube (red, infra-red sensitive)
1P31	1P31	CE3D, WE3A, 79A4, G10, 3A	Gas phototube (red, infra-red sensitive)
1P32	927		See 927, improved version
1P33	1P33	CE26D	Gas phototube (red infra-red sensitive)
1P34	1P34	CE48	Gas phototube (red infra-red sensitive)
1P35	1P35	1P35/52A3, 52A3	Gas phototube (red infra-red sensitive)
1P35/52A3	1P35		See 1P35

Tube Type	Current Service Designation	Other Number	Class Description
1P36	1P36	58A3, CE4C	Gas phototube (red infra-red sensitive)
1P37	1P37	C7106	Gas phototube, blue sensitive
1P38	1P38		Photo electric cell
1P39	1P39		Vacuum phototube blue sensitive. Improved 929
1P40	1P40		Gas phototube, infra-red sensitive
1P41	1P41		Gas phototube, infra-red sensitive. Similar to 924
1P42	1P42		Vacuum phototube, blue sensitive
1Q1	1Q1		Receiving, current regulator
1Q5G	1Q5G		Obsolete. Replace with 1Q5GT
1Q5GT	1Q5GT		Receiving pentode power amplifier (similar to 1C5GT, 1T5GT, and 1A5GT)
1Q6	1Q6		Subminiature filamentary type diode pentode detector amplifier
1Q21	1Q21		Reference cavity, tunable
1Q22	1Q22		Reference cavity, tunable
1Q23	1Q23		Reference cavity, tunable, 5846 similar
1Q24	1Q24		Reference cavity, 6040 similar
1Q25	1Q25		Reference cavity
1Q26	1Q26		Reference cavity
1Q26A	1Q26A		Reference cavity, tunable, 5846 similar
1R4	1R4/1294		1R4, 1294, VT-183
1R4/1294	1R4/1294	Receiving lock-in type UHF diode detector rectifier	
1R5	1R5	VT-171	Receiving miniature type pentagrid converter, similar to 1E8
1R6	1R6	VC1568	Miniature filamentary reactance modulator
1R21	1R21	GL415, 5550	Mercury pool rectifier ignitron, forced air cooled
1RBL	1RBL	CE1RBL, NU1RBL	Phototube. Same as NUI except for basing
1RBS	1RBS	59AP, CE1RBS, NU1RBS	Phototube. Same as NUI except for basing
1S1G	1S1G	1S2A	Receiving current regulator
1S2	1S2		Miniature high vacuum single anode rectifying tube for TV receivers. Canadian
1S2A	1S2A	1S2	Miniature high vacuum single anode rectifying tube for TV receivers. Canadian
1S4	1S4	VT-210	Receiving miniature type pentode power amplifier
1S5	1S5	VT-172	Miniature type diode pentode detector, similar to 1U5

Tube Type	Current Service Designation	Other Number	Class Description
1S6	1S6		Subminiature diode pentode
1S22	1S22		Vacuum switch
1SA6GT	1SA6GT		Receiving RF pentode. Obsolete
1SB6GT	1SB6GT		Receiving diode pentode. Obsolete
1T1G	1T1G		Receiving current regulator
1T2	1T2		Diode, high voltage vacuum half wave rectifier. British
1T4	1T4	VT-173	Receiving miniature pentode RF amplifier remote cut off
1T5GT	1T5GT		Receiving tetrode power amplifier (similar to 1Q5GT, 1C5GT, 1A5GT)
1T6	1T6		Receiving subminiature diode AF pentode
1U1	1U1		Receiving current regulator
1U4	1U4	DT153	Miniature version of 1LN5 pentode
1U5	1U5		Miniature type diode pentode, 1S5 with new basing
1U6	1U6		Miniature pentagrid converter
1V	1V	6Z3	Receiving half wave high vacuum diode rectifier
1V2	1V2		Miniature high voltage half wave rectifier
1V5	1V5		Subminiature filamentary type pentode amplifier
1V6	1V6		Subminiature triode pentode. (converter)
1W1	1W1		Ballast tube
1W4	1W4		Miniature pentode power amplifier
1W5	1W5	SD828F	Subminiature filamentary type pentode RF amplifier, sharp cutoff
1X2	1X2		Miniature half wave high voltage rectifier (version of 1B3GT/8016)
1X2A	1X2A		Improved 1X2. Superseded by 1X2B
1X2B	1X2B		Miniature diode
1Y1	1Y1		Receiving current regulator
1Y2	1Y2		High voltage half wave rectifier
1Z1	1Z1		Ballast tube
1Z2	1Z2	R1045	Miniature type diode vacuum rectifier
A2	A2		X-ray diffraction tube (cooper target)
ARD 2	VR78 (Br.)		See VR78 (Br.)
B2A	2050		See 2050
BL2	BL2		TR tube
BS2	5980		See 5980
BS2/5980	5980		See 5980
CE2	CE2A/B, C, D		Phototube. See CE2C
CE2A/B	CE2A/B		Phototube
CE2C	1P30		See 1P30
CE2D	CE2D		Gas phototube, red infra-red

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Tube Type	Current Service Designation	Other Number	Class Description
2-240A	2-240A		Half wave high vacuum rectifier, similar to UH-576X
2-250A/250R	250R		See 250R
2-2000A	2-2000A		High vacuum rectifier
2A	2A		Transistor
2A3	2A3	VT-95	Receiving triode power amplifier (Similar to 6A3, 45) See also 5930. Not directly interchangeable.
2A3A	2A3A		Obsolete-superseded by 5930
2A3H	2A3H		Obsolete cathode type
2A3W	5930		See 5930 (ruggedized version of 2A3)
2A4G	2A4G		Thyratron, gas triode
2A5	2A5	PZH	Receiving pentode power amplifier (Type 42 characteristics)
2A6	2A6		Receiving duodiode triode detector amplifier (Type 75 characteristics)
2A7	2A7		Receiving pentagrid converter - obsolete (Type 6A7 characteristics)
2A21	2A21		Ballast tube
2A22	2A22		Ballast tube
2AC15	2AC15		Receiving diode rectifier, electrically interchangeable with X6030 which has local base
2AF4	2AF4		Miniature medium mu triode converter
2AF4A	2AF4A		Miniature medium mu triode similar to 6AF4
2AF4B	2AF4B		Miniature medium mu triode, similar to 2AF4
2AP1	2AP1	1814P1, C7483, C7418	Cathode ray tube, superseded by 2AP1A
2AP1A	2AP1A		Cathode ray tube, electrostatic focus and deflection
2AP1W	2AP1W		Ruggedized version of 2AP1
2AS15	2AS15		Receiving high vacuum diode rectifier
2B3	2B3		Receiving diode, version of 1B3-GT
2B4	2B4		Gas triode, similar to 884 and 885
2B5	2B5		Subminiature double triode
2B6	2B6		Receiving amplifier (obsolete)
2B7	2B7		Receiving duodiode pentode detector amplifier (Type 6B7 characteristics)
2B14	2B14		Ballast tube
2B21	2X2A		See 2X2A
2B22	2B22		Receiving diode UHF detector, modified 559
2B23	2B23		Receiving magnetically controlled diode
2B24	2B24	QF197	Subminiature diode, filament type, flat press

Tube Type	Current Service Designation	Other Number	Class Description
2B24A 2B25	2B24A 2B25	CK1091, 1091	Subminiature diode Receiving - Miniature type diode vacuum rectifier. Obsolete
2B26	2B26	866JR	Transmitting diode gas rectifier (equivalent to 816 except plate terminal is on base)
2B27 2B35	2B27 VR92 (Br.)	ZP447, REL35	Receiving UHF diode detector 2B35 cancelled by RMA - See VR92 (Br.)
2B36	VR78 (Br.)		2B36 cancelled by RMA - See VR78 (Br.)
2BN4	2BN4		Miniature medium mu triode with controlled warm up time, similar to 6BN4
2BN4A	2BN4		Miniature medium triode similar 6BN4
2BP1	2BP1		Cathode ray tube, electrostatic focus and deflection
2BP1A	2BP1A		Cathode ray tube, electrostatic focus and deflection
2BP7 2BP11	2BP7 2BP11		Cathode ray tube. Obsolete Cathode ray tube, electrostatic focus and deflection
2BT 2C4	2BT 2C4	EE2BT	High vacuum diode rectifier Miniature thyatron, gas triode, button type
2C21	2C21	RK33, 1642, 2C21/1642	Transmitting and receiving twin triode
2C21/1642 2C22	2C21 2C22		See 2C21 Transmitting and receiving HF triode amplifier (similar to 7193)
2C23 2C24 2C25 2C26 2C26A	10Y 2C24 VT25A 2C26 2C26A	HY-144, HY114	See 10Y Receiving UHF triode See VT25A Superseded and replaced by 2C26A
2C27 2C28 2C29 2C29WA 2C30 2C31	2C27 2C28 2C29 2C29WA 2E30 2C31	D-10 QF200C SA780 X102G 7289 X102L	Transmitting UHF triode Subminiature triode Subminiature triode Transmitting UHF triode amplifier Transmitting UHF triode amplifier See 2E30 Transmitting UHF triode amplifier. Never made
2C32 2C33 2C34	2C32 2C33 2C34	RX233, RX233A RK34, CV18, CV18 (Br), DET19	Transmitting UHF special purpose Thyatron Transmitting twin triode. Nearest equivalent are British CV18, DET19, VT61, VT61A and VT61B
2C35	2C35	QF-215	Receiving UHF triode oscillator

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Tube Type	Current Service Designation	Other Number	Class Description
2C36	2C36	SB846	Transmitting UHF triode (similar to SB846A, B)
2C37	2C37	SB846A	Probeless version of 2C36
2C38	2C38	L-30-C	Receiving UHF triode oscillator. Similar to 2C39
2C39	2C39WA		Superseded by 7289. See 7289
2C39A	2C39WA	X474	Superseded by 7289. See 7289
2C39B	2C39WB		Superseded by 7289. See 7289
2C39WA	2C39WA	2C39A, 3X100A11	Superseded by 7289. See 7289
2C39WB	2C39WB	3CX100A5, 2C39B	Superseded by 7289. See 7289
2C40	2C40	A2229A, REL34, 2179A	Receiving UHF triode. Replaces 446, 446A, and 446B
2C40A	2C40A		UHF triode, lighthouse type
2C41	7289	ZP602, L-30-P	See 7289
2C42	2C42	A2293C	Special 2C43
2C43	2C43	GL464A, ZP6B, 464, A2222, ZP464, 464A, A2203	Transmitting and receiving UHF triode amplifier. Replaces 464, 464A, and 2C44
2C44	2C44	GL464	Transmitting and receiving UHF triode amplifier oscillator (superseded by 2C43)
2C45	38142		See 39142
2C46	2C46	A2294C	Selected 2C43
2C47	2C47		
2C48	2C48	QL134	Special twin triode (designed to supersede 7C5 for certain servo amplifier applications) See 2C50
2C49	2C49	Z682	Pulse version of 2C40
2C50	2C50	CK1800	Identical to 2C48 except triode connections are brought out independently. See also TE 19
2C51	2C51	1491, 396A, 2C51/396A	Miniature twin triode. See also 5670 and 6185. Not interchangeable
2C51/396A	2C51		See 2C51
2C51W	5670		See 5670
2C52	2C52		Receiving high Mu double triode. See also TE-20
2C53	2C53	M1060	High voltage triode
2CY5	2CY5		Receiving sharp cutoff tetrode, miniature
2D21	2D21	2D21/R6200	Miniature thyratron. See also 5727/2D21W
2D21/R-6200	2D21		See 2D21
2D21W	2D21W		Thyratron, gas tetrode
2D28	2D28		Receiving type special purpose
2D29	2D29	SA782B, GE-NS4	Subminiature thyratron
2DF4	2DF4		Receiving filamentary pentode
2E5	2E5		Electron ray tuning indicator (Type 6E5 characteristics)
2E21	2E21		Receiving type special purpose tube

Tube Type	Current Service Designation	Other Number	Class Description
2E22	2E22	TS70, DT-70, TR70	Transmitting pentode
2E24	2E24		Transmitting beam power amplifier
2E25	2E25	D25	Transmitting tetrode amplifier oscillator (improved 65)
2E25A	2E25A		Improved 2E25
2E26	2E26	6893	Transmitting beam power amplifier, equivalent to 6893
2E27	2E27	QF206	Subminiature pentode. Superseded by 2E29
2E28	2E28	HY-145ZT	Receiving subminiature type pentode
2E29	2E29	SA781A	Receiving subminiature type pentode
2E30	2E30	HD59, 2C30	Miniature filamentary type beam tetrode
2E31	2E31	553AX	Subminiature radio frequency pentode-long leads
2E32	2E32	553AY	Subminiature radio frequency pentode-short leads. Use 2E31
2E35	2E35	502AX	Subminiature power pentode - long leads
2E36	2E36	502AY, CK502AX	Subminiature power pentode - short leads. Use 2E35
2E41	2E41	551AX	Subminiature diode pentode - long leads
2E42	2E42	551AY	Subminiature diode pentode - short leads. Use 2E41
2EA5	2EA5		Sharp cutoff miniature tetrode
2EN5	2EN5		Miniature double diode
2F21	2F21	C7364	Small cathode ray monoscope tube, improved version of 1899
2FV20	2FV20		Oscillator (medical and surgical)
2G5	2G5		Electron ray tuning indicator (type 6U5/6G5 characteristics)
2G21	2G21	555AX	Subminiature triode heptode - long leads, similar to 6K8
2G22	2G22	555AY	Subminiature triode heptode - short leads. Use 2G21
2H8	2H8		Ballast tube
2H21	2H21		Phase modulator for FM
2J2	2J2		Miniature diode (British)
2J21	2J21	WL442, D2RN1, Y2, D2, WL422, 442	Replace with 2J21A
2J21A	2J21A		Magnetron. Supersedes 2J21
2J22	2J22	J-714, J1, 714	Magnetron See 2J52
2J23	2J23	K-O	Magnetron
2J24	2J24	K-O	Magnetron
2J25	2J25	K-O	Magnetron
2J26	2J26	K-O	Magnetron. May be replaced with 2J58
2J27	2J27	K-O	Magnetron. May be replaced with 2J58

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Tube Type	Current Service Designation	Other Number	Class Description
2J28	2J28	K-O	Magnetron
2J29	2J29	K-O	Magnetron
2J30	2J30	K7	Magnetron. See also 2J66
2J31	2J31	K7	Magnetron. See also 2J67
2J32	2J32	K7RF4, WL441	Magnetron. See also 2J68
2J33	2J33	K7	Magnetron. See also 2J69
2J34	2J34	K7	Magnetron
2J35	2J35		Magnetron. Obsolete
2J36	2J36		Magnetron
2J36A	2J36A		Magnetron
2J37	2J37		Magnetron, obsolete
2J37A	2J37A		Magnetron. Tunable 2J37
2J38	2J38		Packaged Magnetron
2J39	2J39		Packaged Magnetron
2J40	2J40		Magnetron
2J41	2J41	A121, A2116	Packaged Magnetron, tunable
2J42	2J42	LVX, 6001, LD2, A116	Packaged Magnetron
2J42A	6027		See 6027, for high altitude version see 6527
2J42H	2J42H		Magnetron, fixed frequency, pulsed, air cooled.
2J43	2J43		Magnetron
2J44	2J44		Magnetron
2J45	2J45	505	Packaged Magnetron
2J46	2J46	505	Packaged Magnetron
2J47	2J47	DRH505,505	Magnetron
2J48	2J48		Magnetron
2J49	2J49	1392M	Magnetron
2J50	2J50	1393M	Magnetron
2J51	2J51	1424MQ, 1424M	Magnetron. Tunable 725
2J51A	2J51A		Magnetron, pulsed, tunable, air cooled
2J51W	QK237		See QK237
2J52	2J52		Magnetron. Tunable 2J22
2J53	2J53	2J53/725A	Magnetron. Improved 725A, fixed frequency, pulse type
2J53/725A	2J53		See 2J53
2J54	2J54		Magnetron
2J54A	2J54A		Magnetron
2J54B	2J54B		Magnetron
2J55	2J55	QK47	Packaged magnetron, fixed tuned, pulsed
2J56	2J56		Packaged magnetron, pulsed, air cooled, fixed frequency
2J57	2J57		Magnetron. Obsolete
2J58	2J58		Magnetron. Tunable 2J26-27, fixed frequency
2J59	2J59		Magnetron, tunable, pulsed
2J60	2J60		Magnetron

Tube Type	Current Service Designation	Other Number	Class Description
2J61	2J61		Magnetron. Replaces 705AY-DY inclusive. Obsolete, superseded by 2J61A
2J61A	2J61A		Improved version of 2J61
2J62	2J62	706T1	Magnetron. Replaces 706DY-GY inclusive. Obsolete, superseded by 2J62A
2J62A	2J62A		Improved version of 2J62
2J64	2J64	A124	Forced air-cooled tunable magnetron
2J65	2J65		Type 2J41 without stabilizer
2J66	2J66	K7T1	Magnetron. Tunable 2J30
2J67	2J67	K7T2	Magnetron. Tunable 2J31
2J68	2J68	K7T3	Magnetron. Tunable 2J32
2J69	2J69	K7T4	Magnetron. Tunable 2J33
2J70	2J70		Packaged Magnetron, fixed frequency, pulsed
2J71	2J71		Packaged Magnetron
2K21	2K21	WL421, 421C, 421	Klystron
2K22	2K22	1400XQ	Klystron
2K23	2K23	1428XQ	Klystron, CW oscillator
2K24	2K24	1409XQ	Klystron
2K25	2K25	1410XQ, 2K25/723A/B, 723A/B	Reflex Klystron oscillator, output power 1.3 watts
2K25/723A/B	2K25		See 2K25
2K25/723A	2K25		See 2K25
2K25/723B	2K25		See 2K25
2K25W	2K25W		Ruggedized version of 2K25. Never made
2K26	2K26	1411XQ, 1412XQ	Klystron
2K27	2K27	1413XQ	Klystron. Obsolete
2K28	2K28	QK28, QK28	Klystron equivalent to 707B except for height
2K28A	6133		See 6133
2K29	2K29	1414XQ - 1415XQ	Klystron
2K30	2K30		Klystron
2K31	2K31	Sperry 411	Klystron
2K32	2K32	412	Klystron, S band
2K33	2K33	QK33	Klystron
2K33A	2K33A		Klystron. Obsolete. Use 2K33
2K33B	2K33B		2K33 with hand control knob
2K34	2K34		Klystron
2K35	2K35		Klystron
2K36	2K36	416	Klystron. See also 2K47
2K37	2K37		Klystron
2K38	2K38	418	Klystron
2K39	2K39	419B	Klystron oscillator, 7.5 to 10.3 KMc, P.O.1/4W minimum
2K40	2K40	1280CT, D164694	Klystron
2K41	2K41		Improved version of 417B, forced air cooled

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Tube Type	Current Service Designation	Other Number	Class Description
2K42	2K42	XG8071	CW Klystron oscillator
2K43	2K43	XG7893	Reflex Klystron oscillator
2K44	2K44	XG8072	Reflex Klystron oscillator
2K45	2K45	1407XQ	Klystron. See QK258
2K46	2K46		Klystron
2K47	2K47		Klystron. Similar to 2K36
2K48	2K48	1429CT8	Klystron
2K49	2K49	1429CT9	Klystron. Obsolete. Use 2K48
2K50	2K50	1462, 1364XQ	Klystron
2K51	2K51	WX3243A	Klystron
2K52	2K52	WX3243B	Klystron
2K53	2K53	WX3243C	Klystron
2K54	2K54	1468	Klystron
2K55	2K55	1469	Klystron
2K56	2K56	397A	Klystron
2K57	2K57		Klystron
2KB72	2KB72		Obsolete. Use 2P23
2P21	2P21	C7557A, C7557	Television pick-up tube
2P22	2P22		Smaller version of 2P21
2P23	2P23		Television pick-up tube, infra red response
2Q28	2K28		See 2K28
2RA3	CE213		See CE213
2RA5	CE205		See CE205
2RA6	CE206		See CE206
2RA15	CE215		See CE215
2RBS	2RBS		Phototube (same as NU2 except for basing)
2S	2S/4S		See 2S/4S
2S/4S	2S/4S	2S, 4S	Duodiode detector (obsolete)
2S/M15	2S/M15		Emission limited diode, receiving tube Equivalent to 6T4
2T4	2T4		Receiving miniature UHF triode for TV
2TA6	2TA6		Line time base output pentode (Dutch)
2V	2V	CE-2V, NU-2V	Phototube
2V2	2V2		High voltage, diode TV rectifier
2V3G	2V3G		Special purpose diode vacuum rectifier
2W3	2W3		Receiving diode rectifier
2W3GT	2W3GT		Receiving diode rectifier
2X2	2X2	143D, 879, 2X2/879	Special purpose diode vacuum rectifier - See 2X2A
2X2/879	2X2		See 2X2
2X2A	2X2A	2B21, H2-10	Improved 2X2 Ruggedized version of 2X2A. Never made
2X2W	2X2W		Ruggedized version of 2X2A. Never made
2Y2	2Y2		Obsolete - similar to type 2X2

Tube Type	Current Service Designation	Other Number	Class Description
2Z2	2Z2/G84	G84	Receiving diode rectifier (obsolete)
2Z2/G4	2Z2/G4	2Z2	Receiving diode rectifier (obsolete)
BCT-3	BCT-3		British cathode ray tube
BL3	BL3		TR tube
BR-3	5835		See 5835
BS-3	BS-3		Geiger-Muller counter tube
C3A14	EL-C3A14		Thyratron, gas filled, indirectly-heated cathode
C3A14W	EL-C3A14W		Thyratron, inert gas
C3H	C3H		Grid control rectifier tube, tantalum anode
C3J	5632/C3J		See 5632/C3J
C3J-A	5684/C3J/A		See 5684/C3J/A
C3P14	C3P14		Gas filled thyratron
C3R14	C3R14		Xenon filled thyratron
CE3A/B	CE3A/B	WG3A, 79A, 803A	Phototube
CE3C	CE3C		Phototube
CE3C23	3C23		See 3C23
CE3D	1P31		See 1P31
CE3E	CE3E		Phototube
DHA-3	DHA-3		Traveling wave amplifier
EE 3B27	3B27		See 3B27
EL3B	EL3B		Half wave gas rectifier
EL3C	4B24		See 4B24
ELC3J	5632/C3J		See 5632/C3J
ELC3J/L	7216		See 7216
ELC3L	6982		See 6982
EM3GA	EM3GA		Electrostatic storage tube
GB-3	GB-3		Magnetron
GV3A-950	GV3A-950		Corona Voltage Regulator
GV3A-2500	GV3A-2500		Corona voltage regulator
GV3B-700	GV3B-700		Corona voltage regulator
HA-3E	HA-3E		Traveling wave tube
HA-3RA	HA-3RA	M2203D	Traveling wave tube
ML3W	ML3W		Rectifier (medical and surgical)
NB3	NB3		Ballast tube (obsolete)
NE3	NE3		Unbased argon lamp
P3	P3		Hearing aid tube
PAX-3	PAX-3		Magnetron, tunable, X band
PM3	PM3		Power measurement lamp
REL3B	310A		See 310A
REL3BX	REL3BX	3BHP	Transmitting UHF oscillator (Canadian)
REL3C	CV38		See CV38
REL3D	NT98	UK310P, 315D, E1189, W2510	See NT98
REL3DX	CV56		See CV56
RV3	RV3		CW Magnetron, K band, tunable
WE3A	1P31		See 1P31
WG3A	CE3A/B		See CE3A/B

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Tube Type	Current Service Designation	Other Number	Class Description
X-3	X-3		Ceramic type 2C39 ^A
3	3		Receiving ballast tube
3-4	3-4		Ballast tube
3-15A3/15E	15E		See 15E
3-16	3-16		Receiving ballast tube
3-25A3/25T	HK24		See HK24
3-25D3/25TG	3C24		See 3C24
3-38	3-38		Ballast tube
3-38A	A-38A		Ballast tube
3-40	3-40		Ballast tube
3-50	3-50		Ballast tube
3-50A	3-50A		Ballast tube
3-50A4/35T	35T		See 35T
3-50D4/35TG	35TG		See 35TG
3-50G2/UH50	UH50		See UH50
3-50J4/53A	53A		See 53A
3-50M2/UH51	UH51		See UH51
3-75A2/75TL	75TL		See 75TL
3-75A3/75TH	75TH		See 75TH
3-100A2/100TL	100TL		See 100TL
3-100A4/100TH	100TH		See 100TH
3-100D2/VT127A	VT127A		See VT127A
3-100E3/227A	227A		See 227A
3-100G3/327A	327A		See 327A
3-100H3/327B	327B		See 327B
3-150A2/152TL	152TL		See 152TL
3-150A3/152TH	152TH		152TH
3-200A3	3-200A3		See also 592, Triode power amplifier oscillator
3-250A2/250TL	250TL		See 250TL
3-300A2/304TL	304TL		See 304TL
3-300A3/304TH	304TH		See 304TH
3-300A4/527	527		See 527
3-400Z	8163		See 8163
3-450A2/450TL	450TL		See 450TL
3-450A4/450TH	450TH		See 450TH
3-750A2/750TL	750TL		See 750TL
3-1000A4/1000T	1000UHF		See 1000UHF
3-1000Z	8164		See 8164
3-1500A3/1500T	1500T		See 1500T
3-2000A3/2000T	2000T		See 2000T
3A	1P31		See 1P31
3A1	3A1		Pentode gas rectifier (Ignition, obsolete)
3A2	3A2		Half wave rectifier
3A3	3A3		Half wave rectifier
3A4	3A4		Miniature button pentode amplifier
3A5	3A5		Miniature twin triode
3A8GT	3A8GT	VT-149	Receiving diode triode pentode
3A20	3A20		Ballast tube

Tube Type	Current Service Designation	Other Number	Class Description
3ABP-----	3ABP-----		Cathode ray tube, flat face, electrostatic focus and deflection, two guns
3ACP-----	3ACP-----	K1105	3 inch, Cathode ray tube, electrostatic focus and deflection, one gun
3ADP-----	3ADP-----	K1065	3 inch, Cathode ray tube, electrostatic focus and deflection, one gun.
3AF4A	3AF4A		Receiving, miniature triode, similar to 6AF4A except heater.
3AHP-----	3AHP-----		Cathode ray tube, rectangular, electrostatic focus and deflection, one gun, 3, inch diameter
3AKP-----	3AKP-----		Cathode ray tube, magnetic deflection, electrostatic focus
3AL5	3AL5		Miniature receiving double diode similar to 6AL5
3AP-----	3AP-----	2501A3, C3, D3, 34XH, C7350, 906P-----	Cathode ray tube, electrostatic focus and deflection, one gun.
3AQP-----	3AQP-----		Cathode ray tube, electrostatic focus and deflection
3ASP-----	3ASP-----		Cathode ray tube, rectangular, electrostatic deflection and focus
3AV6	3AV6		Receiving tube for series string, similar to 6AV6 (except heater)
3B	3B		Half wave, gas rectifier
3B2	3B2		Half wave vacuum rectifier
3B4	3B4	HD30	Receiving power pentode
3B4WA	3B4WA		Receiving power pentode
3B5GT	3B5GT		Receiving pentode power amplifier
3B7	3B7	1291, 3B7/1291, VT-182	Receiving lock in type UHF twin triode amplifier
3B7/1291	3B7		See 3B7
3B7SP	3B7SP/VT182		H-F Triode, receiving
3B21	3B21	EL-302.5	Obsolete. Replace with 3B22
3B22	3B22	EL1C, 1C, CE222	Transmitting duodiode gas rectifier (nearest equivalent is 3B21)
3B23	3B23	RK22	Transmitting duodiode vacuum rectifier
3B24	3B24	732A, WE732A, 428T, CE230, 1299XQ, 429T	Transmitting diode vacuum rectifier (modified 705A, See 72)
3B24W	3B24W		Ruggedized version of 3B24
3B24WA	3B24WA		Improved 3B24WA
3B24WB	3B24WB		Improved 3B24WA. Supersedes 3B24WA
3B25	3B25		Transmitting diode gas rectifier (Replaced with 3B28)
3B26	3B26	QK36	Special purpose diode, 73 with unipotential cathode. See QK95
3B27	3B27	EE3B27	Obsolete. Transmitting diode vacuum rectifier (improved 836), similar to 3B28.

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Tube Type	Current Service Designation	Other Number	Class Description
3B28	3B28		Transmitting diode gas rectifier - similar to 3B25, 3B27, 836, 866A
3B28A	3B28A/6277	6277	See also 6277. Inert gas HW rectifier
3B29	3B29	QK95	High vacuum clipper diode. Improved 3B26
3B29W	3B29W		Improved 3B29
3B/501A/CV49	3B/501A/CV49	CV49	See CV49
3BA6	3BA6		Receiving remote-control pentode, miniature similar to 6BA6, and 12BA6, except filaments
3BFP-----	3BFP-----		Cathode ray tube, electrostatic focus and deflection
3BGP-----	3BGP-----		Cathode ray tube, rectangular, electrostatic focus and deflection
3BN4	3BN4		Miniature triode, for series string applications
3BN4A	3BN4A		Miniature receiving triode, similar 3BN4
3BP1	3BP1		Cathode ray tube, electrostatic focus and deflection
3BP1A	3BP1A		Zero Ib1 version of 3BP1
3BP1W	3BP1W	C7488B	Ruggedized version of 3BP1. Never made
3BP-----	3BP-----		Cathode ray tube, electrostatic focus and deflection
3BU8	3BU8		Miniature medium mu triode
3BZ6	3BZ6		Receiving tube for series string application, see also 6BZ6
3C	4B24		See 4B24
3C2	3C2		Diode for TV high voltage applications
3C4	3C4		Miniature output pentode (Dutch)
3C5GT	3C5GT		Receiving power output pentode
3C6	3C6		Receiving lock in type twin triode amplifier
3C21	120		See 120
3C22	3C22	522, GL522, ZP522	Transmitting UHF triode amplifier oscillator
3C23	3C23	CE3C23, CE311, NL3C23	Thyratron (similar to 393A)
3C24	3C24	HK24G, 25TG, 3-25D3/25TG	Transmitting UHF triode (Type 25T with grid at side)
3C25	3C25		Transmitting UHF special purpose. Obsolete. Use 8025A
3C26	3C26	X129D	Transmitting UHF triode amplifier
3C27	3C27		Transmitting triode UHF oscillator. Obsolete. Use 3C37. (Similar to British CV55 and E1458)
3C27A	3C27A		3C27 designed for higher duty cycle. Obsolete. Use 3C37

Tube Type	Current Service Designation	Other Number	Class Description
3C27B	3C27B		3C27 with grid radiator. Obsolete. Superseded by 3C37
3C28	3C28		Transmitting HF triode amplifier (3C24 with 2 grid leads)
3C29	3C29	ZP449	Transmitting UHF triode amplifier-oscillator (superseded by GL522, now the 3C22)
3C30	3C30	HD50	6.0 volt filament version of HY30Z (Class B Audio amplifier)
3C31	3C31/C1B		See 3C31/C1B
3C31/C1B	3C31/C1B	C1B, CE303, ELC1B, 3C31	Thyratron. Superseded by 5664
3C31A	3C31A		Thyratron
3C32	3C32	A2214B	Transmitting UHF triode amplifier
3C33	3C33		Transmitting, twin triode
3C34	HK24		Hydrogen thyratron-transmitting triode power amplifier oscillator (3C24 with grid lead in base) -See HK24
3C36	3C36	R1001	Transmitting UHF coaxial triode oscillator and amplifier, water and forced air cooled
3C37	3C37	3X150A3/3C37	Transmitting triode, modified 3C27 and 3C27A
3C45	3C45	H45, ZG547, 5137	Thyratron. Hydrogen. See 6130
3C45/6130	6130		See 6130
3C45W	3C45W		Ruggedized version of 3C45
3CE5	3CE5		Miniature receiving hi transconductance, sharp cut off pentode, similar to 4CE5 and 6CE5
3CF6	3CF6		Receiving sharp cut off pentode
3CP-----	3CP-----	1808P-----, C7332	Cathode ray tube
3CP1-S1	3CP1-S1		Cathode ray tube with decalcomania inscription
3CS6	3CS6		Receiving, miniature, dual control heptode, similar to 6CS6
3CX100A5	7289		See 7289
3CX100F5	8250		See 8250
3CX10000A3	8159		See 8159
3CX10000A7	8160		See 8160
3CY5	3CY5		Sharp cut off tetrode, miniature, similar to 4CY5, 6CY5, 2CY5
3D6	3D6/1299		See 3D6/1299
3D6/1299	3D6/1299	1299, 3D6, VT-185	Receiving UHF pentode amplifier (similar to 3LF4)
3D21	3D21	D21, H5015	Transmitting tetrode modulator (superseded by 3D21A)
3D21A	3D21A		Improved version of 3D21, ST-14 envelope
3D21B	3D21B		3D21A with T-12 envelope

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Tube Type	Current Service Designation	Other Number	Class Description
3D21WA	3D21WA		Improved 3D21A, superseded by 3D21WB, see also 7403
3D21WB	3D21WB		Improved 3D21B
3D22	3D22		Thyratron (tetrode), gas filled
3D22A	3D22A		Improved version of 3D22, of sturdy construction
3D23	3D23	TB35	Transmitting tetrode amplifier oscillator
3D24	3D24		VHF, Transmitting tetrode
3D29	3D29		Transmitting special purpose
3DHP	CV56		See CV56
3DK6	3DK6		Sharp cut off pentode, for HF amplifier, similar to 4DK6, 6DK6
3DP1	3DP1	ZP526, C7497	Cathode ray tube, electrostatic focus and deflection
3DP1A	3DP1A		Zero Ibl version of 3DP1
3DP1AS1	3DP1AS1		Zero Ibl version of 3DP1 with decalcomania
3DP1AS2	3DP1AS2		Zero Ibl version of 3DP1 with decalcomania
3DP-----	3DP-----		Cathode ray tube, electrostatic focus and deflection for oscillograph applications
3DT6	3DT6		Miniature sharp cut-off pentode, similar to 6DT6 and 4DT6
3E5	3E5		Receiving miniature beam power pentode
3E6	3E6		Receiving lock-in type sharp cut-off pentode amplifier
3E21	3E21		Transmitting twin pentode amplifier
3E22	3E22		Transmitting twin pentode amplifier
3E29	3E29	829A	Transmitting twin pentode amplifier
3EA5	3EA5		Miniature sharp cut off tetrode
3EP1	3EP1	1806P1, VT-226	Cathode ray tube. Obsolete, use 902A or applicable 3AP----- version
3EP4	3EP4	1806P4	Cathode ray tube (replace with 3AP1)
3FP7	3FP7	ZP540	Cathode ray tube, superseded by 3FP7A
3FP7A	3FP7A		Zero Ibl version of 3FP7. Cathode ray tube electrostatic focus and deflection
3GP-----	3GP-----	(2537A3, C3, D3)	Cathode ray tube, electrostatic focus and deflection. Superseded by 3GP-----A
3GP-A	3GP-A		Zero Ibl version of 3GP1
3HP7	3HP7	C7501, ZP542	Cathode ray tube. Magnetic focus and deflection
3J21	3J21	1456M	Packaged magnetron. Obsolete
3J22	3J22	SD849B	Magnetron

Tube Type	Current Service Designation	Other Number	Class Description
3J24	3J24	GL484, 484, ZP484	Magnetron
3J25	3J25	GL485, ZP485	Magnetron
3J26	3J26	GL486, ZP486, 486	Magnetron
3J30	3J30	X6000, WX3158	Replace with 3J31
3J31	3J31	X6003, E5A	Magnetron
3J35	3J35	GL505	Magnetron
3JP-----	3JP-----	C7523B	Cathode ray tube, electrostatic focus and deflection
3K21	3K21	410-1L	Klystron (version of 410R)
3K22	3K22	XZA8073	Klystron (version of 410R)
3K23	3K23	R5660201, R566021	Klystron (version of 410R)
3K24	3K24		3K21 with tuner
3K25	3K25		3K22 with tuner
3K26	3K26		3K30 with tuner
3K27	3K27		Klystron
3K30	3K30		Klystron (version of 410R)
3K3000LA	3K3000LA		CW klystron, forced air cooled, three cavity, forced air cooled
3K3000LQ	3K3000LQ		CW klystron, three cavity, forced air cooled
3K20000LA	3K20000LA		CW klystron, three cavity, L band amplifier, tunable 470-580 Mc., water and forced air cooled
3K20000LF	3K20000LF		CW klystron, three cavity, L band amplifier tunable 580-720 Mc., water and forced air cooled
3K20000LK	3K20000LK		CW klystron, three cavity, L band amplifier, tunable 720-890 Mc., water and forced air cooled
3K50000LA	3K50000LA		CW klystron, three cavity, L band amplifier, water and forced air cooled
3K50000LF	3K50000LF		CW Klystron three cavity, L band amplifier, water and forced air cooled
3K50000LF	3K50000LK		CW Klystron three cavity, L band amplifier, water and forced air cooled
3K50000LQ	3K50000LQ		CW Klystron three cavity, L band amplifier, water and forced air cooled
3KM3000LA	3KM3000LA		CW Klystron three cavity, L band, forced air cooled
3KM50000PA 3KP-----	3KM50000PA 3KP-----	C7555	Klystron Cathode ray tube, electrostatic focus and deflection
3LE4	3LE4		Receiving lock-in type pentode power amplifier
3LF4	3LF4	VT-180	Receiving lock-in type beam power amplifier (similar to 3D6/1299)

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Tube Type	Current Service Designation	Other Number	Class Description
3MP1	3MP1		Cathode ray tube, electrostatic focus and deflection
3N21	3N21		Transistor
3NP4	3NP4		Cathode ray tube, Dutch
3Q4	3Q4	VT-264	Receiving miniature pentode power amplifier
3Q5G	3Q5G		See 305GT - Replace with 3Q5GT
3Q5GT	3Q5GT	VT-221	Receiving beam power amplifier
3QP1	3QP1	2-5/8P1	Cathode ray tube, Dutch
3RP-----	3RP-----		Cathode ray tube, electrostatic focus and deflection
3S4	3S4	VT-174	Receiving miniature pentode power amplifier
3SP-----	3SP-----		Cathode ray tube, electrostatic focus and deflection
3U2P1	3U2P1		Two gun cathode ray tube
3U3P1	3U3P1		Three gun cathode ray tube
3U3P11	3U3P11		Three gun cathode ray tube
3UP1	3UP1	Z4026	Cathode ray tube, electrostatic focus and deflection
3V4	3V4		Miniature pentode power amplifier
3V4WA	3V4WA		Improved 3V4
3W2P1A	3W2P1A		Two gun cathode ray tube
3W2P7	3W2P7		Cathode ray tube
3W4	3W4		Miniature power amplifier pentode (Japanese)
3W100A3	3W100A3		Transmitting triode, water cooled
3W5000A1	8240		See 8240
3W5000A3	3W5000A3		Transmitting triode, water cooled
3W5000F3	3W5000F3		Transmitting triode, water cooled
3W10000A3	3W10000A3		Transmitting triode, water cooled, triode version of 4W200000A
3WP-----	3WP-----	B1026	Cathode ray tube electrostatic focus and deflection
3X100A11/2C39	2C39		See 2C39
3X150A3/3C37	3C37		See 3C37
3X2500A	3X2500A		Transmitting triode. Obsolete. Use 3X2500A3
3X2500A1	3X2500A1		Transmitting triode. Obsolete. Use 3X2500A3
3X2500A2	3X2500A2		Transmitting triode. Obsolete. Use 3X2500A3
3X2500A3	8161		See 8161
3X2500F3	8251/3X2500F3		See 8251/3X2500F3
3X3000A1	8238/3X3000A1		See 8238/3X3000A1
3X3000F1	8239		See 8239
3X3000F7	8162		See 8162
3X5000A	3X5000A		Transmitting VHF triode-forced air cooled

Tube Type	Current Service Designation	Other Number	Class Description
3X12500A3	3X12500A3		Transmitting medium mu triode, forced air cooled
3X20000A3 3XP1	3X20000A3 3XP1		Obsolete, superseded by 3W10000A3 Cathode ray tube, electrostatic focus and deflection
3YP1 3Z4	3YP1 3Z4		Cathode ray tube Receiving Japanese power amplifier pentode, miniature
3Z4WA AW4 B4 BL4 CE4	3Z4WA VS68 B4 BL4 CE4A/B, C, D		Improved 3Z4 See VS68 Ballast tube TR tube, improved X7047 Gas phototube. See 1P36. equivalent to 58A
CE4A/B CE4B24 CE4B25 CE4C CE4D CE4RBS CE4SC CE4V CE4WB ELC4H-1 ELC4H-2 ELC4H-3 ELC4H-4 ELC4H-5 G-4 GA4 GE-NS4 GV4S-410 GV4S-1400 GV4S-3000 HA-4B KC4 NB4 NU4RBS NU4WB PAX-4 PKX-4 PJ-4	CE4A/B 4B24 4B25 1P36 CE4D 4RBS CE4SC 4V 4WB 6984 6985 6986 8065 8066 G-4 532 2D29 GV4S-410 GV4S-1400 GV4S-3000 HA-4B 5625 NB4 4RBS 4WB PAX-4 PKX-4 PJ-4		Phototube, red-infra red sensitive See 4B24 See 4B25 See 1P36 Phototube See 4RBS Phototube, Selected CE4C See 4V See 4WB See 6984 See 6985 See 6986 See 8065 See 8066 Subminiature pentode See 532 See 2D29 Corona voltage regulator Corona voltage regulator Corona voltage regulator Travelling wave tube See 5625 Ballast tube (obsolete) See 4RBS See 4WB Magnetron Klystron, 2 cavity, fixed frequency Special purpose triode vacuum control tube Power measurement lamp See 4D32 Cold cathode discharge tube, low pulse rate version of 631P1 Subminiature electrometer pentode Subminiature electrometer pentode Vacuum phototube
PM4 RK4D32 SN4	PM4 4D32 SN4		
TD4 TD4A V4	TD4 TD4A V4		

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Tube Type	Current Service Designation	Other Number	Class Description
VG4	VG4		Neon bulb (medium screw base)
WE4A	4A		See 4A
WE4B	4B		See 4B
WE4J21	4J21		See 4J21
WE4J22	4J22		See 4J22
WE4J23	4J23		See 4J23
WE4J24	4J24		See 4J24
WE4J25	4J25		See 4J25
WE4J26	4J26		See 4J26
WE4J27	4J27		See 4J27
WE4J28	4J28		See 4J28
WE4J29	4J29		See 4J29
WE4J30	4J30		See 4J30
WE4J45/720AY	4J45		See 4J45
WE4J46/720BY	4J46		See 4J46
WE4J47/720CY	4J47		See 4J47
4	4		Ballast tube
4-60A	4PR60A		See 4PR60A
4-65A	8165/4-65A		See 8165/4-65A
4-125	4D21		See 4D21
4-250/5D22	5D22		See 5D22
4-250A	5D22		See 5D22
4-400A	8438/4-400A		See 8438/4-400A
4-750A	4-750A		Transmitting, tetrode (obsolete) by 4-1000A
4-1000A	8166/4-1000A		See 8166/4-1000A
4A	4A	WE4A	Ballast tube
4A1	4A1		Ballast tube
4A6G	4A6G		Receiving twin triode amplifier
4A10	4A10		Ballast tube
4A21	4A21		Ballast tube
4AP10	4AP10	ZP556, C7516B	Cathode ray tube, magnetic focus and deflection dark trace
4AU6	4AU6		Receiving pentode, similar to 6AU6
4B	4B	WE4B	Ballast tube
4B22	4B22	EL5B2.5, EL5B, 5B25	Duodiode gas rectifier (standard duty)
4B23	4B23	EL5BHO	Duodiode gas rectifier (heavy duty)
4B24	4B24	EL3C, 3C, CE4B24, CE224	Duodiode gas rectifier
4B25	4B25	CE4B25, CE221, 6CF	Duodiode gas rectifier - EL6C electrically same; has different base
4B25/EL6C	4B25		See 4B25
4B26	4B26	RCA2000, 189049, F60, WE289A, R6A, WL289416D, CE226, 289A, 2000, J213AAA, GE189049, WE289416D, 289416	Diode gas rectifier
4B27	4B27	GE16X897, CE201	Duodiode gas rectifier

Tube Type	Current Service Designation	Other Number	Class Description
4B28	4B28	GE189048, CE225, WL289414, 289414	Diode gas rectifier
4B30	15R		See 15R
4B31	4B31	QK98	Transmitting diode clipper-rectifier
4B32	4B32		Transmitting diode gas rectifier
4B33	953B		See 953B
4B35	4B35	12X825, 966626, CE212A, GE12X825	Diode gas rectifier
4B36	4B36	20X672, 859483, Tungar 5A, GE20X672	Diode gas rectifier, half wave
4BA6	4BA6		Receiving pentode, similar to 6BA6
4BC5	4BC5		Receiving pentode, similar to 6BC5
4BC8	4BC8		Receiving pentode, similar to 6BC8
4BE6	4BE6		Receiving heptode, similar to 6BE6
4BN4	4BN4		Miniature medium mu triode. Similar to 6BN4
4BN6	4BN6		Receiving gated beam discriminator similar to 6BN6
4BP15	4BP15		Cathode ray tube, for use as a scanner
4BQ7A	4BQ7A		Receiving medium mu twin triode similar to 6BQ7A
4BS8	4BS8		Receiving medium mu twin triode
4BU8	4BU8		Miniature twin pentode, receiving
4BX8	4BX8		Miniature twin UHF triode, similar to 6BX8
4BZ6	4BZ6		Receiving pentode see also 6BZ6
4BZ7	4BZ7		Receiving medium mu twin triode, similar to 6BZ7
4BZ8	4BZ8		Receiving triode
4C21	211		See 211
4C22	4C22/HF100		See 4C22/HF100
4C22/HF100	4C22/HF100	RK51, RF100, C101, TF100, 4C22	Transmitting triode amplifier and oscillator (Similar to 100TH, RK38, HK254)
4C23	4C23		Transmitting special purpose
4C24	HV12/T814		See HV12/T814
4C25	HK54		See HK54
4C26	4C26	54B	Transmitting triode
4C27	CV92		See CV92
4C28	4C28		4C27 without shield. Obsolete
4C30	15E		See 15E
4C32	4C32		Transmitting triode amplifier modulator for diathermy
4C33	4C33	A2212B	Transmitting UHF triode-forced air cooled
4C34	4C34		Transmitting triode (similar to HF300)
4C35	4C35	ZG529, H350, GL529	Thyratron, hydrogen
4C35A	4C35A		Modified 4C35. Obsolete. Use 4C35

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Tube Type	Current Service Designation	Other Number	Class Description
4C36	4C36		Transmitting triode
4CB6	4CB6		Miniature pentode, similar to 6CB6
4CE5	4CE5		Receiving pentode, sharp cut off, similar to 3CE5, 6CE5
4CP7	4CP7	BR400	Cathode ray tube, 4 inch diameter, magnetic focus and deflection
4CS6	4CS6		Miniature dual control heptode
4CV100000C	8351/4CV100000C		See 8351/4CV100000C
4CW1000A	4CW1000A		Transmitting tetrode, water cooled
4CW50000C	8350		See 8350
4CX7	4CX7		Miniature twin triode
4CX250B	7203/4CX250B		See 7203/4CX250B. Supersedes 4X250B
4CX250F	7204/4CX250F		See 7204/4CX250F. Supersedes 4X250F
4CX250K	8245/4CX250K		See 8245/4CX250K
4CX250M	8246/4CX250M		See 8246/4CX250M
4CX250R	7580W/4CX250R		See 7580W/4CX250R
4CX300A	8167/4CX300A		See 8167/4CX300A
4CX350A	8321/4CX350F		See 8321/4CX350F
4CX350F	8322/4CX350F		See 8322/4CX350F
4CX1000A	8168/4CX1000A		See 8168/4CX1000A
4CX1500A	8281/4CX1500A		See 8281/4CX1500A
4CX3000A	8169/4CX3000A		See 8169/4CX3000A
4CX5000A	8170/4CX5000A		See 8170/4CX5000A
4CX10000D	8171/4CX10000D		See 8171/4CX10000D
4CX35000C	8349/4CX35000C		See 8349/4CX35000C
4CY5	4CY5		Miniature receiving sharp cut off tetrode, similar to 2CY5, 3CY5, and 6CY5
4D21	4D21	X103, 4-125	Transmitting tetrode UHF oscillator amplifier
4D21/4-125A	4D21/4-125A		See 4D21
4D22	4D22		Transmitting VHF beam power amplifier
4D23	4D23		Transmitting tetrode. Similar to 4-125A
4D32	4D32	RK4D32	Transmitting VHF beam power amplifier
4DK6	4DK6		Receiving sharp cut off pentode. Similar to 3DK6, 6DK6
4DP-----	4DP-----	K1109	Cathode ray tube, square face, electrostatic focus and deflection
4DT6	4DT6		Receiving miniature pentode
4E	1B71		See 1B71
4E27	4E27	HK257B, 7B, GL8001, 8001	Identical to HK257 (8001) except 3/4 inch shorter in height. Replace by 4E27A
4E27/5-125B	4S27/5-125B		See 4E27A
4E27A	4E27A/5-125B		Transmitting beam pentode

Tube Type	Current Service Designation	Other Number	Class Description
4E27A/5-125B 4ES8	4E27A/5-125B 4ES8		See 4E27A Miniature receiving triode (Canadian)
4EW6 4FP----- 4GP1, P11 4GSW 4GTP 4H3 4HP-----	4EW6 4FP----- 4GP1, P11 4WB 5WB 4H3 4HP-----	K1206	Same as 6EW6 except heater voltage Cathode ray tube Cathode ray tube (British) See 4WB See 5WB Ballast tube
4HT11	4HT11	K1115	Cathode ray tube, electrostatic focus and deflection Ballast tube
4J21	4J21	WE4J21, 1402	Magnetron. See 5J26
4J22	4J22	WE4J22, 1402	Magnetron. See 5J26
4J23	4J23	WE4J23, 1402	Magnetron. See 5J26
4J24	4J24	WE4J24, 1402	Magnetron. See 5J26
4J25	4J25	WE4J25, 1402	Magnetron. See 5J26
4J26	4J26	WE4J26, 1401	Magnetron. See 5J26
4J27	4J27	WE4J27, 1401	Magnetron. See 5J26
4J28	4J28	WE4J28, 1401	Magnetron. See 5J26
4J29	4J29	WE4J29, 1401	Magnetron. See 5J26
4J30	4J30	WE4J30, 1401	Magnetron. See 5J26
4J31	4J31	HK7	Magnetron. See 5586
4J32	4J32	HK7	Magnetron. See 5586
4J32	4J32	HK7	Magnetron, fixed frequency, pulsed
4J33	4J33	HK7	Magnetron. See 5586
4J34	4J34	HK7	Magnetron. See 5586
4J35	4J35	HK7	Magnetron. See 5586
4J36	4J36	H15S	Magnetron
4J37	4J37	H15S	Magnetron
4J38	4J38	H15S	Magnetron
4J39	4J39	H15S	Magnetron
4J40	4J40	H15S	Magnetron
4J41	4J41	H15S	Magnetron
4J42	4J42	1440N, 700T	Tunable magnetron
4J43	4J43		Magnetron
4J44	4J44		Magnetron
4J45	4J45	WE4J45/720AY, 4J45/720AY, 1379M	Magnetron (supersedes 720AY)
4J45/720AY	4J45		See 4J45
4J46	4J46	WE4J46/720BY, 4J46/720BY, 1379M	Magnetron (supersedes 720BY)
4J46/720BY	4J46		See 4J46
4J47	4J47	WE4J47/720CY, 4J47/720CY, 1379M	Magnetron (supersedes 720CY)
4J47/720CY			See 4J47
4J50	4J50	1397M	Packaged magnetron
4J50A	4J50A		Magnetron, improved version of 4J50
4J50T	4J50T		Magnetron, tunable, pulsed

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Tube Type	Current Service Designation	Other Number	Class Description
4J51	4J51	1443M, 728T	Magnetron - supersedes 728 - tunable 728
4J52	4J52	1471	Packaged magnetron
4J52A	4J52A/L-3037		Magnetron, pulsed, air cooled
4J52T	4J52T/6543		See 6543
4J53	4J53		Magnetron
4J54	4J54		Packaged magnetron
4J55	4J55		Packaged magnetron
4J56	4J56		Packaged magnetron
4J57	4J57	QK915C	Packaged magnetron
4J58	4J58	QK915B	Packaged magnetron
4J59	4J59	QK915A	Packaged magnetron
4J60	4J60		Packaged magnetron
4J61	4J61		Packaged magnetron
4J62	4J62		Packaged magnetron. Replaces QK59 and QK60
4J63	4J63		Packaged magnetron. Replaces QK60 and QK62
4J64	4J64		Packaged magnetron
4J65	4J65		Packaged magnetron
4J70	4J70	3064	Magnetron superseded by HK-7T, and QK253
4J71	4J71		Magnetron superseded by HK-7T, and QK253
4J72	4J72		Magnetron superseded by HK-7T, and QK253
4J73	4J73		Magnetron superseded by HK-7T, and QK253
4J74	4J74		Magnetron superseded by HK-7T, and QK253
4J75	4J75		Magnetron superseded by HK-7T, and QK253
4J76	4J76		Magnetron superseded by HK-7T, and QK253
4J77	4J77		Magnetron superseded by HK-7T, and QK253
4J78	4J78	Special 1379M, 1379 special 414	4J50 except for frequency
4K34	4K34		Klystron, S band
4K50000LQ	4K50000LQ		Klystron, externally tuned, water and forced air cooled, 700 to 1000 Mc
4KP1	4KP1		Cathode ray tubes, electrostatic deflection and focus, square face
4L	4L		Type 1B5 square wave generator
4M	1B72		See 1B72
4MP-----	4MP-----		Cathode ray tube, square face, electrostatic focus and deflection
4NP-----	4NP-----		Cathode ray tube, rectangular, electrostatic focus and deflection
4PR60A	4PR60A	4-60A	Transmitting pulse tetrode

Tube Type	Current Service Designation	Other Number	Class Description
4PR60B	8252/4PR60B		See 8252/4PR60B
4PR65A	8187/4PR65A		See 8187/4PR65A
4PR125A	8247/4PR125A		See 8247/4PR125A
4PR400A	8188/4PR400A		See 8188/4PR400A
4PR1000A	8189/4PR1000A		See 8189/4PR1000A
4QP-----	4QP-----		Cathode ray tube, rectangular, electrostatic deflection and focus
4RBS	4RBS	NU4RBS, CE4RBS, G12	Gas phototube
4RP-----	4RP-----		Cathode ray tube, rectangular, electrostatic deflection and focus
4S	2S/4S		See 2S/4S
4SRBS	4SRBS		Gas phototube (same as 4RBS except for basing)
4V	4V	CE4V	Vacuum phototube
4VP1	4VP1	OE411PA	Cathode ray tube, square face, electrostatic deflec. & focus
4W300B	8249/4W300B		See 4W300B
4W1250A	4W1250A		Transmitting tetrode (water cooled)
4W20000A	8173/4W20000A	X486	See 8173/4W20000A
4WB	4WB	CE4WB, NU4WB, 53AWB, 4GSW	Phototube
4X100A	4X100A		Transmitting tetrode
4X150A	7034/4X150A		Transmitting tetrode, See 7034/4X150A
4X150D	7035/4X150D		See 7035/4X150D, 26.5 volt heater
4X150G	8172/4X150G		See 8172/4X150G, coaxial base
4X150R	8296/4X150R		See 8296/4X150R, Ruggedized 4X150A
4X150S	8297/4X150S		See 8297/4X150S, ruggedized 4X150D
4X250B	4X250B		Superseded by 7203/4CX250B
4X250F	4X250F		Superseded by 7204/4CX250F
4X500A	4X500A/X404		Transmitting UHF tetrode - forced Air cooled
4X5000A	4X5000A		Transmitting tetrode, forced air cooled. 5KW plate dissipation
ARD05	VR54(Br.)		See VE54(BR.)
AU5	VU111		See VU111
B5H4	B5H4		Ballast tube
C5A	C5A	Navy type B, ELC5A	Obsolete - Replace with C6A
C5B	C5B	5C30, ELC5B, CE315, CEL1552, 1552	Thyratron, gas
C5F14	C5F14		Thyratron, similar to 6278
CE5	CE5A/B, B, C, D		Gas phototube
CE5A/B	CE5A/B		Phototube
CE5BB	5BB		See 5BB
CE5C	CE5C		Phototube
CE5D	CE5D		Phototube
C5F14	C5F14		Thyratron

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Tube Type	Current Service Designation	Other Number	Class Description
CE5WB	5WB		See 5WB
CR5	CR5		Thyratron
E5A	3J31		See 3J31
EL5B	4B22		See 4B22
EL5B2.5	4B22		See 4B22
EL5BHD	4B23		See 4B23
ELC5A	C5A		See C5A
ELC5B	C5B		See C5B
EM5GC	EM5GC		Electrostatic storage tube
GA5	1B32/532A		See 1B32/532A
GA5A	532		See 532
GV5A-1400	GV5A-1400		Corona voltage regulator
GV5A-2000	GV5A-2000		Corona voltage regulator
GV5A-2500	GV5A-2500		Corona voltage regulator
GV5A-3000	GV5A-3000		Corona voltage regulator
GV5C-4000	GV5C-4000		Corona voltage regulator
KR5	KR5		Receiving power amplifier pentode
NE5	NE5		Unbased argon lamp T-2
NU5BB	5BB		See 5BB
NU5WB	5WB		See 5WB
P5	P5		Subminiature pentode power amplifier
PAX-5	PAX-5		Magnetron
PM5	PM5		Power measurement lamp
QBL5-4000	7704		See 7704
REL5	VT98 (Br.)		See VT98 (Br.)
TUNGAR 5A	4B36		See 4B36
V5	V5		Vacuum phototube
WE5B	5B		See 5B
5.0	C6A		See C6A
5-4	5-4		Ballast tube
5-125B	5-125B/4E27A		Power pentode, unilateral replacement for 4E27A
5A6	5A6	DT275, 5A6/RT533	Miniature receiving power amplifier tube
5A6/RT533	5A6/RT533		See 5A6
5AB	5AB		Gas phototube
5ABP-----	5ABP-----		Cathode ray tube, electrostatic deflection and focus
5ACP4	5ACP4		Cathode ray tube, magnetic deflection, electrostatic focus
5ADP-----	5ADP-----	B1060	Cathode ray tube, 5 inch
5AEP7	5AEP7		Cathode ray tube, magnetic deflection, electrostatic focus
5AFP-----	5AFP-----	K1147P-----	Cathode ray tube, electrostatic focus and deflection
5AGP-----	5AGP-----	K1154P-----	Cathode ray tube, electrostatic focus and deflection
5AHP-----	5AHP-----		Cathode ray tube, magnetic deflection, electrostatic focus

Tube Type	Current Service Designation	Other Number	Class Description
5AJP-----	5AJP-----		Cathode ray tube, electrostatic focus and deflection
5ALP-----	5ALP-----		Cathode ray tube, magnetic focus and deflection
5AM8	5AM8		Receiving tube for series string, see also 6AM8
5AMP-----	5AMP-----		Cathode ray tube, electrostatic focus deflection. Similar to 5YP-----
5AP-----	5AP-----	1805P-----	Cathode ray tube, electrostatic focus and deflection
5AP4/1805P4	5AP4		See 5AP-----
5AQP-----	5AQP-----		Cathode ray tube, electrostatic focus and deflection. Similar to 5ADP---
5AR4	5AR4		Double anode rectifier (Canadian)
5ARP-----	5ARP-----		Cathode ray tube, electrostatic focus and deflection
5AS4	5AS4		Receiving full wave rectifier (Canadian)
5AS4A	5AS4A		Receiving full wave rectifier (Canadian). Similar to 5S4 electrically
5AS8	5AS8		Receiving diode-pentode, similar to 6AS8
5AT4	5AT4		Receiving full wave high vacuum rectifier
5AT8	5AT8		Receiving triode-pentode converter, miniature
5ATP-----	5ATP-----	K1266	Cathode ray tube, electrostatic focus and deflection
5AU4	5AU4		Receiving twin diode
5AUP24	5AUP24		Cathode ray tube, color flying spot scanner
5AV8	5AV8		Miniature receiving medium mu triode, sharp cut off pentode
5AVP7	5AVP7	52HAP7	Cathode ray tube, similar to K1069P7
5AW4	5AW4		Receiving full wave hi vacuum rectifier
5AWP-----	5AWP-----	K1255P	Cathode ray tube, electrostatic focus and deflection
5AX4GT	5AX4GT		Receiving double diode
5AXP4	5AXP4		Cathode ray tube, for TV receiver check
5AZ4	5AZ4		Receiving full wave rectifier
5AZP4	5AZP4		Cathode ray tube, projection
5B	5B	WESB	Ballast tube. Replace by 3-40
5B8	5B8		Receiving miniature medium mu triode pentode
5821	5B21	CE235, 2183, R15A, G683, 217283, GE217283, 766776	Half wave gas rectifier

Tube Type	Current Service Designation	Other Number	Class Description
5B24	38674		See 38674. Replace with 4B25
5B25	4B22		See 4B22
5B33	953D		See 953D
5BB	5BB	CE5BB, NU5BB	Gas phototube
5BCP-----	5BCP-----	B1125	Cathode ray tube, magnetic deflection and focus
5BDP-----	5BDP-----	K1069	Cathode ray tube, electrostatic focus and deflection dual beam
5BE8	5BE8		Miniature medium mu triode sharp cut-off pentode
5BEP-----	5BEP-----	K1355	Cathode ray tube, electrostatic focus and deflection.
5BFP-----	5BFP-----	K1253P, 928006-2	Cathode ray tube, electrostatic focus and deflection, dual beam
5BGP-----	5BGP-----		Cathode ray tube, electrostatic focus and deflection
5BHP-----	5BHP-----	T54P2	Cathode ray tube, electrostatic focus and deflection
5BJP7	5BJP7		Cathode ray tube, electrostatic focus and deflection
5BLP-----	5BLP-----		Cathode ray tube, electrostatic focus and deflection
5BNP16	5BNP16		Cathode ray, flying spot scanner tube
5BP-----	5BP-----	ZP453, ZP480, 1802P-----, VT-111, 2525A5-C5	Cathode ray tube, electrostatic focus and deflection. Similar to 5HP----- except base
5BR8	5BR8		Receiving miniature triode pentode
5BRP-----	5BRP-----		Cathode ray tube, magnetic focus and deflection, miniature neck
5BS8	5BS8		Receiving duo-triode, miniature
5BT8	5BT8		Receiving duo diode, sharp cut-off pentode
5BTP-----	5BTP-----		Cathode ray tube, electrostatic focus and deflection
5BW8	5BW8		Double
5BWP-----	5BWP-----		Cathode ray tube, electrostatic focus and deflection
5BXP-----	5BXP-----		Cathode ray tube, electrostatic focus and deflection, rectangular
5BYP5	5BYP5		Cathode ray tube, ultra high resolution
5C21	C6J		See C6J
5C21/C6J	C6J	C6J	See C6J
5C22	5C22/HT415	H1000, GK50, QK50	Grid controlled gas rectifier
5C22A	5C22A		Superseded by 5C22
5C24	5C24		Transmitting triode
5C27	227A		See 227A
5C30	C5B		See C5B
5C37	327A		See 327A

Tube Type	Current Service Designation	Other Number	Class Description
5CAP-----	5CAP-----		Cathode ray tube for special high frequency scope
5CBP-----	5CBP-----		Cathode ray tube for special high frequency scope
5CEP11	5CEP11		Cathode ray tube electrostatic focus magnetic deflection
5CG4	5CG4		Receiving double anode rectifier (Japanese)
5CG8	5CG8		Receiving triode-pentode converter
5CGP29	5CGP29		Two color cathode ray tube
5CHP11	5CHP11		Character writing cathode ray tube
5CJP11	5CJP11		Very high resolution cathode ray tube
5CKP1, P16	5CKP1, P16		Cathode ray tube, magnetic focus and deflection, flying spot scanner
5CL8	5CL8		Receiving miniature triode-tetrode
5CLP7	5CLP7		Cathode ray tube, electrostatic deflection, high sensitivity (British)
5CM6	5CM6		Receiving miniature beam pentode
5CP-----	5CP-----	ZP517, ZP518, C7491, C7519, C7520	Cathode ray tube, electrostatic focus and deflection
5CQ8	5CQ8		Receiving medium mu triode, sharp cutoff pentode, similar to 6CQ8
5CR8	5CR8		Miniature triode-pentode
5CSP5, P11	5CSP5, P11		Cathode ray tube, 3 pairs electrostatic deflection plates
5CTP-----	5CTP-----		Cathode ray tube, electrostatic focus & deflection, dual beam
5CU4	5CU4		Receiving full-wave rectifier
5CUP18	5CUP18		Cathode ray tube, electrostatic focus, magnetic deflection, tv recording
5CVP-----	5CVP-----		Cathode ray tube, electrostatic focus, magnetic deflection, rectangular
5CWP-----	5CWP-----		Cathode ray tube, electrostatic focus and deflection, dual beam
5CXP2	5CXP2		Cathode ray tube, electrostatic focus and deflection
5CZ5	5CZ5		Receiving beam power tube
5D21	5D21		Transmitting pulse amplifier tetrode
5D22	5D22	4-250, X117, 4-250/5D22	Transmitting tetrode, similar to 5D24
5D23	5D23	5D23/RK65	Transmitting tetrode power amplifier See 5D23
5D23/RK65	5D23		
5D24	5D24		Transmitting tetrode. Obsolete. Use 5D22
5DAP-----	5DAP-----		Cathode ray tube, electrostatic focus and deflection
5DBP-----	5DBP-----		Cathode ray tube, electrostatic focus and deflection

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Tube Type	Current Service Designation	Other Number	Class Description
5DEP-----	5DEP-----		Cathode ray tube, electrostatic focus and deflection
5DH8	5DH8		Miniature receiving high mu triode-pentode
5DHP1, P32	5DHP1, P32		Cathode ray tube, magnetic focus and deflection (British)
5DKP-----	5DKP-----		Cathode ray tube, magnetic focus and deflection
5DLP4	5DLP4		Cathode ray tube, electrostatic focus, magnetic deflection (TV monitor)
5DNP-----	5DNP-----	51TCP19, Z4413P7	Cathode ray tube, electrostatic focus and deflection
5DPI	5DPI		Cathode ray tube. Obsolete
5DWP-----	5DWP-----	K1931	Cathode ray tube, electrostatic focus and deflection, high sensitivity
5DXP-----	5DXP-----		Cathode ray tube, electrostatic focus and deflection, high sensitivity
5DYP-----	5DYP-----		Cathode ray tube, magnetic deflection, electrostatic focus, low drive
5E1	1A1/5E1		See 1A1/5E1
5EA8	5EA8		Miniature triode-pentode
5EAP7	5EAP7		Cathode ray tube, electrostatic focus magnetic deflection, off-center neck
5EBP7	5EBP7		Cathode ray tube, electrostatic focus, mag. defl., off-center neck
5EDP-----	5EDP-----		Cathode ray tube, electrostatic focus, magnetic deflection
5EH8	5EH8		Miniature medium mu triode-pentode mixer
5EP-----	5EP-----		Cathode ray tube
5FP-----	5FP-----	GL475, ZP475, 1812P--- C7473D	Cathode ray tube, magnetic deflection and focus
5GP1	5GP1		Cathode ray tube. (In Navy equipment replace with 5BP1)
5H4	5H4		Ballast tube
5HP-----	5HP-----	C7508	Cathode ray tube, electrostatic focus and deflection. Same as 5BP----- except base
5HP26	5HP26		Cathode ray tube electrostatic focus and deflection. (British)
5HP28	5HP28		Cathode ray tube electrostatic focus and deflection
5J6	5J6		Receiving miniature medium mu twin triode
5J21	5J21	1382M	Magnetron
5J22	5J22	1382M	Magnetron
5J23	5J23	1382M	Magnetron

Tube Type	Current Service Designation	Other Number	Class Description
5J24	5J24	1382M	Magnetron
5J25	5J25	1382M	Magnetron
5J26	5J26	1475M, 147SM	Tunable 4J21-30 Magnetron
5J29	5J29		Magnetron
5J30	5J30		Magnetron. Obsolete superseded by 5J32
5J31	5J31		Magnetron. Obsolete superseded by 5J33
5J32	5J32	Z666	Magnetron. Supersedes 5J30
5J33	5J33		Magnetron. Supersedes 5J31
5JP-----	5JP-----	2529A5-D5	Cathode ray tube, electrostatic focus and deflection
5K40	5K40	420R, 5K40/420	Klystron
5K40/420	5K40		See 5K40
5LP-----	5LP-----	2511A5-D5, C7514, 54-11T	Cathode ray tube, electrostatic focus and deflection
5LRP1	5LRP1		Cathode ray tube, Potentiometer
5MP-----	5MP-----	2505A5, 2505C5, 2505D5	Cathode ray tube, electrostatic focus and deflection
5NP	5NP		Cathode ray tube (5BP1 with restricted gun length), electrostatic focus and deflection
5QP-----	5QP-----		Cathode ray tube, magnetic deflection and focus
5R5G	5R4G		Full wave hi-vacuum rectifier
5R4GTY	5R4GTY		5R4GY with T-12 envelope
5R4GY	5R4GY		Receiving full wave hi vacuum duodiode rectifier
5R4GYA	5R4GYA		See 5R4GTY
5R4WGA	5R4WGA		Receiving rugged full wave hi vacuum rectifier similar to 5R4GY
5R4WGB	5R4WGB		Reliable receiving rugged full wave hi vacuum rectifier, equivalent to 5R4GA and similar to 5R4GY
5R4WGY	5R4WGY		See also 5R4WGA
5R4WGYA	5R4WGYA		See also 5R4WGB
5RP-----	5RP-----		Cathode ray tube, electrostatic focus and deflection
5SP-----	5SP-----		Cathode ray tube, electrostatic focus and deflection, dual beam
5T4	5T4	VT-114	Receiving duodiode rectifier
5T8	5T8		Triple diode triode, miniature button, 9-pin
5TF4	5TF4		Ballast tube
5TP4	5TP4		Cathode ray tube, mirror backed projection
5U4G	5U4G	VT-244	Receiving duodiode rectifier (similar to 5Z3, 5T4 and British VU71). See also 5931. Not directly interchangeable

Tube Type	Current Service Designation	Other Number	Class Description
5U4GA 5U4GB	5931 5U4GB		See 5931 Hi vacuum full wave rectifier receiving tube
5U8	5U8		Receiving miniature triode-pentode converter
5UP-----	5UP-----		Cathode ray tube, electrostatic focus and deflection
5V3 5V4G	5V3 5V4G	VT-206A, 274	Full wave, hi vacuum rectifier Receiving duodiode rectifier (nearest equivalent is 5U4G)
5V4GA 5V4GY	5V4GA 5V4GY		Receiving duodiode rectifier Type 5V4G with nicanol base. Obsolete use 5V4G
5VP7 5W4 5W4G 5W4GT	5VP7 5W4 5W4G 5W4GT	VT-97	Cathode ray tube. (Canadian) Receiving duodiode rectifier Replace with 5W4GT Receiving duodiode rectifier (similar to 5Y3GT, 5V4G and 5Z4GT)
5WB	5WB	WL739, 4GTP, CE5WB, NUSWB, G4	Gas phototube
5WP-----	5WP-----		Cathode ray tube, metal backed. Magnetic deflection, electrostatic focus
5X2P----- 5X3	5X2P----- 5X3		Cathode ray tube, dual gun Receiving duodiode rectifier (similar to 80 and 83V)
5X3P----- 5X4G	5X3P----- 5X4G		Cathode ray tube, triple gun Receiving duodiode rectifier (type 5Z3 characteristics)
5X4GA	5X4GA		Receiving full wave rectifier, T-12, similar to 5V4GB
5X4GT 5X8 5XP-----	5X4GT 5X8 5XP-----		Never made. Use 5X4G Receiving triode-pentode converter Cathode ray tube, high voltage, high sensitivity. Electrostatic focus and deflection
5Y3G 5Y3GT	5Y3G 5Y3GT	5Y3GT/G	Replace with 5Y3GT Receiving duodiode rectifier (similar to 5W4GT/G and 5V4G, similar to 5Y3WGT)
5Y3GT/G 5Y3P----- 5Y3WGT 5Y3WGTA	5Y3GT 5Y3P----- 5Y3WGT 5Y3WGTA	VT-197A	See 5Y3GT Cathode ray tube. Triple gun Ruggedized version of 5Y3GT Receiving duodiode rectifier, equivalent to 5Y3GT
5Y3WGTB	5Y3WGTB	Z2099, 6087	Receiving duodiode rectifier, equivalent to 5Y3GT
5Y4G	5Y4G		Receiving duodiode rectifier (type 80 characteristics)
5Y4GT	5Y4GT		Receiving duodiode rectifier

Tube Type	Current Service Designation	Other Number	Class Description
5YP-----	5YP-----		Cathode ray tube, electrostatic deflection and focus
5Z2P----- 5Z2P11-S1 5Z3	5Z2P----- 5Z2P11-S1 5Z3	VT-145	Cathode ray tube, dual gun Special 5Z2P11 for dual X-axis input Receiving duodiode rectifier (5U4G characteristics)
5Z3P----- 5Z4 5Z4G 5Z4GT	5Z3P----- 5Z4 5Z4G 5Z4GT	VT-74	Cathode ray tube-triple gun Receiving duodiode rectifier Superseded by 5Z4GT Receiving duodiode rectifier (similar to 5V4G, 5Y3GT/G and 5W4GT/G) obsolete. Nearest equivalent is 5Z4
5Z4MG 5Z4P----- 5ZP-----	5Z4MG 5Z4P----- 5ZP-----		Obsolete, equivalent to 5Z4 Cathode ray tube - quadruple gun Cathode ray tube, electrostatic focus and deflection
B6 BL6	5621 BL6		See 5621 TR tube, X band for improved version see BL93 and BL93A
BS6 C6A	BS6 C6A	100C, 1B75, VG10 ELC6A, 1661, Navy Type C, WX3170, 5.0	Beta Gamma Counter tube Thyratron supersedes ELC5A
C6C C6J	C6C C6J	ELC6C 5C21, CE306, 5C21/C6J, ELC6J	Thyratron Thyratron, gas triode
C6J60 C6J/A C6L C6M CA6 CE6 CE6A/B CE6C CE6D CV6 D6-TF10 EL6B	C6J60 5685/C6J/A 5528/C6L C6M CA6 CE6A/B, C, D CE6A/B CE6C CE6D CV6 D6-TF10 EL6B		Xenon filled thyratron See 5685/C6J/A See 5528/C6L Thyratron, similar to C6J X-ray tube (crystal analyzing) Phototube Phototube Phototube Phototube UHF triode (British) Ballast tube Half wave gas rectifier See 6C
EL6B/L EL6C	6983 6C		See 6983 4B25 electrically same; has different base
ELC6A ELC6 ELC6J ELC6J/K ELC6J/KF FA6 FR6 G6 GL6C21	C6A C6C C6J 6864 6871 FA6 FR6 G6 6C21		See C6A See C6C See C6J See 6864 See 6871 Vacuum switch (SPDT) Neon voltage regulator Gas phototube See 6C21

Tube Type	Current Service Designation	Other Number	Class Description
GV6A-700	GV6A-700		Corona voltage regulator
GV6A-2000	GV6A-2000		Corona voltage regulator
GV6A-2100	GV6A-2100		Corona voltage regulator
HW-6	HW6		Half wave mercury rectifier
HY6A8GTX	6A8GTX		See 6A8GTX
HY6J5GTX	6J5GTX		See 6J5GTX
HY6J7GTX	6J7GTX		See 6J7GTX
HY6K7GTX	6K7GTX		See 6K7GTX
HY6K8GTX	6K8GTX		See 6K8GTX
HY6L6GX	6L6GX		See 6L6GX
HY6SA7GTX	6SA7GTX		See 6SA7GTX
HY6SJ7GTX	6SJ7GTX		See 6SJ7GTX
HY6SK7GTX	6SK7GTX		See 6SK7GTX
HY6V6GTX	6V6GTX		See 6V6GTX
IC-6	7177		See 7177
NB6	NB6		Resistance tube Obsolete
PM6	PM6		Power measurement lamp
QP6	RK61		See RK61
R6A	4B26		See 4B26
RK6D21	6D21		See 6D21
RK6D22	6D22		See 6D22
SS6C5G	SS6C5G		Special selected 6C5G. Replace with 6C5GT
SS6J5GT	SS6J5GT		Specially selected 6J5GT
SS6J5GT/G	6J5GT		See 6J5GT
SS6K7G	6K7G		See 6K7G
SS6W7G	SS6N7G		Replace with 6N7GT
SS6V6G	SS6V6G		Replace with 6V6GT
TGC-6	TGC-6		Geiger-Mueller counter tube
V6	V6		Vacuum phototube
WE6A	6A		See 6A
WE6B	6B		See 6B
ZP6B	2C43		See 2C43
6	6A		See 6A
6-4B	6-4B		Ballast tube
6-8B	6-8B		Ballast tube
6-10	6-10		Ballast tube
6-11	6-11		Ballast tube
6-11A	6-11A		Ballast tube
6A	6A	WE6A, 6	Current regulator - Ballast tube
6A3	6A3		Receiving triode power amplifier (type 6B4G characteristics)
6A3 Special	6A3 Special	FNH	Special type 6A3
6A4	6A4/LA		Receiving pentode power amplifier- Obsolete similar to 52 and 41
6A4LA	6A4/LA	LA, 6A4	See 6A4
6A5	6A5		Receiving triode power amplifier. Obsolete
6A5G	6A5G		Receiving triode power amplifier - Obsolete nearest equivalent is 6B4G

Tube Type	Current Service Designation	Other Number	Class Description
6A6	6A6		Receiving twin triode amplifier (6N4 characteristics)
6A6X	6A6X		Type 6A6 with ceramic base
6A7	6A7		Receiving pentagrid converter
6A7S	6A7S		Receiving pentagrid converter (shielded type 6A7)
6A8	6A8		Receiving pentagrid converter
6A8G	6A8G	VT-151	Receiving pentagrid converter (obsolete, use 6A8GT)
6A8GT	6A8GT	VT-151B	Receiving pentagrid converter. Similar to 6D8G and 6A7
6A8GTX	6A8GTX	HY6A8GTX	Receiving pentagrid converter-ceramic
6A8MG	6A8MG		Obsolete- equivalent to 6A8, 6A8G, and 6A8GT
6AB4	6AB4		Miniature high mu RF triode
6AB5	6AB5/6N5		See 6AB5/6N5
6AB5/6N5	6AB5/6N5	6AB5, 6N5, 6N5G	Electron ray tuning indicator - obsolete (similar to 6E5 and 6U5/6G5)
6AB6G	6AB6G		Receiving power amplifier (obsolete). Use 6N6G
6AB7	6AB7	1853, 6AB7/1853	Receiving pentode amplifier
6AB7/1853	6AB7	VT-176	See 6AB7
6AB7Y	6AB7X		6AB7 with Micanol base
6AB8	6AB8		Miniature triode pentode
6AC5	6AC5		Never made. Use 6AC5GT
6AC5G	6AC5G		Replace with 6AC5GT
6AC5GT	6AC5GT		Receiving triode power amplifier
6AC6G	6AC6G		Receiving power amplifier. Obsolete
6ACGT	6AC6GT		Receiving power amplifier
6AC7	6AC7	1852, 6AC7/1852	Receiving pentode amplifier, sharp cut off
6AC7/1852	6AC7	VT-112	See 6AC7
6AC7A	6AC7W		Obsolete, superseded by 6AC7W
6AC7W	6AC7W	A4073F	Ruggedized version of 6AC7 (similar to 1649). See Z-2095
6AC7WA	6AC7WA	6134	Receiving RF pentode, sharp cutoff
6AC7Y	6AC7Y		6AC7 with Micanol base
6AD4	6AD4		Subminiature high mu triode
6AD5G	6AD5G		Receiving triode
6AD6G	6AD6G		Electron ray tuning indicator (obsolete, use 6AF6G)
6AD7G	6AD7G		Receiving triode pentode amplifier
6AD8	6AD8		Miniature duo-diode pentode
6AE5	6AE5		See also 6AE5GT
6AE5G	6AE5G		Use 6AE5GT
6AE5GT	6AE5GT	6AE5GT/G	Receiving triode amplifier (obsolete)
6AE5GT/G	5AE5GT		See 6AE5GT

Tube Type	Current Service Designation	Other Number	Class Description
6AE6G	6AE6G		Receiving single grid twin plate triode (obsolete)
6AE7GT	6AE7GT		Receiving twin grid triode amplifier (obsolete)
6AE8	6AE8		Miniature triode hexode
6AF3	6AF3		Receiving diode
6AF4	6AF4		Miniature triode
6AF4A	6AF4A		Miniature triode, similar to 3AF4A except heater
6AF5G	6AF5G		Receiving triode voltage amplifier-obsolete. Use 6P5GT
6AF6G	6AF6G		Twin electron ray tuning indicator (see 6AD6G)
6AF7G	6AF7G		Twin electron ray tuning indicator (French)
6AF11	6AF11		Receiving dual triode, pentode, Compactron
6AG5	6AG5		Miniature pentode amplifier (similar to 6AK5), for high vacuum version see 6BC5
6AG5WA	6186/6AG5WA		See 6186/6AG5WA
6AG6G	6AG6G		Receiving pentode power amplifier
6AG7	6AG7	VT-247	Receiving pentode power amplifier, see 6CL6, 12BY7
6AG7W	6AG7W		Ruggedized version of 6AG7. Never made
6AG7Y	6AG7Y		6AG7 with micanol base
6AG11	6AG11		Receiving dual diode, twin triode
6AH4GT	6AH4GT		TV triode amplifier
6AH5G	6AH5G		Receiving power amplifier
6AH6	6AH6		Miniature button pentode amplifier
6AH6WA	6AH6WA		Reliable version of 6AH6
6AH7GT	6AH7GT		Receiving twin triode oscillator and mixer. Obsolete
6AJ4	6AJ4		Miniature UHF triode
6AJ5	6AJ5	7755	28V plate version of 6AK5 pentode
6AJ6	6AJ6		Receiving tetrode amplifier (obsolete)
6AJ7	6AJ7/6AC7		See 6AJ7/6AC7
6AJ7/6AC7	6AJ7/6AC7	6AJ7	Type 6AC7 with grounding ring (Canadian)
6AJ8	6AJ8		Receiving triode heptode
6AK4	6AK4		Subminiature medium mu, UHF triode. Use 5718
6AK5	6AK5	731A, 1381HQ, 403A, 6AK5/403A	Miniature type UHF pentode amplifier. Similar to 6AG5
6AK5/403A	6AK5		See 6AK5
6AK5W	5654/6AK5W	Z1494	See 5654/6AK5W and 6096
6AK5WA	6AK5WA		Never made
6AK6	6AK6		Miniature type pentode amplifier
6AK6WA	6AK6WA		Use 6AK6

Tube Type	Current Service Designation	Other Number	Class Description
6AK76AG7	6AK7/6AG7		Type 6AG7 with grounding ring. (Canadian)
6AK8	6AK8		Triple diode-triode, 9 pin (Dutch)
6AL5	6AL5		Miniature twin diode
6AL5W	5726/6AL5W		See 5726/6AL5W, 6097
6AL6	6AL6		Receiving power amplifier
6AL6G	6AL6G		Receiving tetrode power amplifier
6AL7GT	6AL7GT		Electron ray indicator tube
6AL11	6AL11		Receiving dissimilar double pentode
6AM4	6AM4		Miniature high mu triode
6AM5	6AM5		Power amplifier pentode (British)
6AM6	6AM6		Miniature power pentode (British)
6AM8	6AM8		Receiving diode pentode
6AM8A	6AM8A		Quick warm up version of 6AM8
6AN4	6AN4	SR1553D	Miniature high mu triode, see also 8334/1218A for Military version
6AN5	6AN5	CK612	Miniature pentode beam power amplifier
6AN5WA	6AN5WA		Reliable receiving beam power amplifier
6AN6	6AN6		Receiving miniature duo double diode rectifier (4 anodes)
6AN7	6AN7		Miniature triode-hexode frequency converter
6AN8	6AN8		Receiving miniature triode-sharp cut off pentode
6AN8A	6AN8A		Quick warm up version of 6AN8
6AQ4	6AQ4	A4450	Miniature triode (British)
6AQ5	6AQ5		Miniature beam power amplifier. Similar to 6V6GT
6AQ5A	6AQ5A		Controlled heater warm-up version of 6AQ5
6AQ5W	6005/6AQ5W		See 6005/6AQ5W and 6095
6AQ6	6AQ6	A4375A, D28	Miniature duo-diode triode
6AQ7GT	6AQ7GT		Receiving duplex diode, high mu triode, similar to 7K7
6AR5	6AR5		Miniature pentode power amplifier, equivalent to glass octal version 6K6-GT
6AR6	6AR6	7756	Transmitting and receiving tetrode power amplifier. See also 6098/6AR6WA
6AR6WA	6098/6AR6WA		See 6098/6AR6WA
6AR7GT	6AR7GT		Miniature double diode pentode
6AR8	6AR8		Receiving sheet beam tube for TV sync. detector
6AS5	6AS5		Miniature beam power pentode, mini- ature version of 35L6GT and 35B5
6AS6	6AS6	7752, 409A, 6AS6/409A	Miniature pentode amplifier
6AS6/409A	6AS6		See 6AS6

Tube Type	Current Service Designation	Other Number	Class Description
6AS6W 6AS7G	5725/6AS6W 6AS7G	A4475	See 5725/6AS6W Receiving twin triode for electronic voltage regulator application. See reliable version 6080WA
6AS7GA 6AS7GT 6AS8 6AS11 6AT6	6AS7GA 6AS7GT 6AS8 6AS11 6AT6		Receiving low mu twin triode Receiving low mu twin triode Receiving diode-sharp cutoff pentode Receiving dual triode, pentode Miniature version of 6Q7G (duodiode-triode)
6AT8 6AT8A 6AU4GT	6AT8 6AT8A 6AU4GT		Receiving triode-pentode converter Quick warm up version 6AT8 Receiving half wave, hi vacuum rectifier
6AU4GTA	6AU4GTA		Receiving half wave, hi vacuum rectifier
6AU5GT 6AU6	6AU5GT 6AU6		Beam power amplifier Miniature version of 6SH7 Improved Z2097
6AU6A	6AU6A		Controlled heater warm-up time version of 6AU6
6AU6WA 6AU6WB 6AU8	6AU6WA 6AU6WB 6AU8	6136	Reliable version of 6AU6. See 6136 Reliable sharp cut off, RF, pentode. Receiving miniature pentode-medium mu triode.
6AU8A	6AU8A		Controlled heater warm-up time version of 6AU8
6AV4 6AV5GA 6AV5GT 6AV6	6AV4 6AV5GA 6AV5GT 6AV6		Miniature full wave rectifier Receiving beam pentode Receiving beam power amplifier Miniature double diode high mu triode
6AV11 6AW7GT 6AW8 6AW8A	6AV11 6AW7GT 6AW8 6AW8A	6136	Receiving triple triode, Compactron Receiving double diode triode High mu triode-sharp cut off pentode Controlled heater warm-up time version of 6AW8
6AX3 6AX4GT	6AX3 6AX4GT		Receiving damping diode Half wave high vacuum rectifier for TV damper service
6AX5GT 6AX6G 6AX7 6AX8 6AY3	6AX5GT 6AX6G 6AX7 6AX8 6AY3		Full wave high vacuum rectifier Full wave rectifier High mu twin triode Receiving triode-pentode Receiving half-wave rectifier, damping
6AZ5 6AZ6 6AZ8 6B	6AZ5 6AZ6 6AZ8 6B	SD1024 NU1106 WE6B	Subminiature double diode Subminiature twin diode Miniature medium mu triode-pentode Ballast tube

Tube Type	Current Service Designation	Other Number	Class Description
6B3	6B3		Receiving half wave rectifier (Canadian).
6B4G	6B4G		Receiving triode power amplifier. Similar to 6A5G, 6A3
6B5	6B5		Receiving direct coupled double triode amplifier
6B6G	6B6G		Receiving duodiode triode. Similar to 6T7G; Nearest equivalent 6Q7GT; Type 75 characteristics
6B7	6B7	10E/340, VT162 (Br.), VT-68	Receiving duodiode pentode
6B7S	6B7S		6B7 with spray shield
6B8	6B8	VT-93	Receiving duodiode pentode. Similar to 6B7
6B8G	6B8G	VT-93A	Receiving duodiode pentode
6B8GT	6B8GT		Receiving duodiode pentode
6B10	6B10		Receiving dual diode, twin triode, Compactron
6B21	6B21		Transmitting diode vacuum rectifier (Lewis)
6BA3	6BA3		Receiving half-wave rectifier, damper
6BA4	6BA4		Planar triode, for use as amplifier in UHF TV region.
6BA5	6BA5		Subminiature pentode
6BA6	6BA6		Miniature version of 6SG7. See also 5749, A4461
6BA6W	5749/6BA6W		See 5749/6BA6W
6BA7	6BA7		Miniature pentode converter, miniature 6SB7Y
6BA8	6BA8		Miniature medium mu triode, sharp cut off pentode
6BA8-A	6BA8-A		Receiving miniature medium mu triode, sharp cut off pentode, similar to 8BA8A.
6BA11	6BA11		Receiving triode, twin pentode, Compactron
6BC4	6BC4		Miniature UHF medium mu triode
6BC5	6BC5		Miniature pentode, hi vacuum version of 6AG5.
6BC7	6BC7		Miniature triple diode
6BC8	6BC8		Miniature button, medium mu, semi remote twin triode.
6BD4	6BD4		Receiving sharp cutoff beam triode
6BD4A	6BD4A		Receiving sharp cutoff beam triode
6BD5GT	6BD5GT		Receiving beam pentode
6BD6	6BD6		Miniature RF pentode (equivalent to 6SK7GT)
6BD7	6BD7		Miniature double diode triode (Dutch)
6BD11	6BD11		Rec. dual triode, pentode, Compactron

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Tube Type	Current Service Designation	Other Number	Class Description
6BE6	6BE6		Miniature version of 6SA7. See also
6BE6W	5750/6BE6W		5750. See 5750/6BE6W
6BE7	6BE7		Miniature heptode converter (Dutch)
6BE8	6BE8		Miniature medium mu triode-sharp cut off pentode (Dutch)
6BE8A	6BE8A		Controlled warm up version of 6BE8
6BF5	6BF5		Miniature pentode power amplifier
6BF6	6BF6	A4442	Miniature duodiode equivalent electrically only, to 6SR7)
6BF7	6BF7		Subminiature double triode. See also 6111.
6BF7A	6BF7A		Subminiature double triode. See also 6111
6BF7W	6BF7W		Rugged subminiature twin triode. Use 6111
6BF8	6BF8		Miniature sextuple diode
6BF11	6BF11		Rec. double pentode, Compactron
6BG6G	6BG6G		Receiving beam power amplifier
6BG6GA	6BG6GA		6BG6G with T-12 envelope-Receiving beam power amplifier
6BG6GTB	6BG6GTB		Beam power amplifier
6BG7	6BG7		Subminiature double triode
6BH3	6BH3		Rec. half-wave rectifier, damper
6BH5	6BH5		Miniature pentode, variable mu.
6BH6	6BH6	A4524A	Miniature sharp cut off RF pentode
6BH8	6BH8		Miniature triode-pentode
6BJ3	6BJ3		Rec. damping diode, Compactron
6BJ5	6BJ5		Miniature pentode (Australian)
6BJ6	6BJ6		Miniature remote cut off pentode
6BJ6A	JB6A		Miniature remote cut off pentode
6BJ7	6BJ7		Receiving triple diode, miniature
6BJ8	6BJ8		Miniature, medium mu triode, duo-diode
6BK4	6BK4		Triode voltage regulator
6BK5	6BK5		Miniature beam power pentode
6BK6	6BK6		Double diode triode, miniature
6BK7	6BK7		Miniature twin triode
6BK7A	6BK7A		Miniature twin triode, equivalent to and interchangeable with 6BK7
6BK7B	6BK7B		Controlled heater warm up time version of 6BK7.
6BK8	6BK8		Miniature Af pentode
6BL4	6BL4		Half wave vacuum rectifier
6BL5GT	6BL5GT		Space charge tetrode, similar to a beam tube
6BL6	6BL6	SD835H	Klystron, separate cavity
6BL7GT	6BL7GT		Receiving twin triode, low-mu
6BL7GTA	6BL7GTA		Improved 6BL7GT
6BL8	6BL8		Receiving triode pentode-(Canadian)

Tube Type	Current Service Designation	Other Number	Class Description
6BM5	6BM5		Miniature wide band power amplifier pentode
6BM6	6BM6	SD835K	Klystron, separate cavity type
6BM6A	6BM6A		Pulse tested 6BM6
6BM8	6BM8		Receiving triode-pentode- (Canadian)
6BN4	6BN4		Medium mu triode
6BN4A	6BN4A		Miniature medium mu triode
6BN5	6BN5		Output pentode
6BN6	6BN6		Miniature beam pentode
6BN7	6BN7		Miniature twin triode
6BN8	6BN8		Receiving miniature, hi mu triode, twin diode
6BQ5	6BQ5	EL84	Receiving power pentode
6BQ6G	6BQ6G		Receiving beam power pentode
6BQ6GA	6BQ6GA	6BQ6GA/6CU6	Receiving beam power pentode
6BQ6GA/6CU6	6BQ6GA/6CU6	6BQ6GA	Receiving beam power pentode
BQ6GT	BQ6GT		Receiving beam power pentode
6BQ6GTA	6BQ6GTA		Receiving beam power pentode
6BQ6GTB/6CU6	6BQ6GTB/6CU6		Receiving beam power pentode
6BQ7	6BQ7		Miniature twin triode, use 6BQ7A
6BQ7A	6BQ7A		Receiving high frequency twin triode
6BR5	6BR5		Electron ray tuning indicator, (Canadian)
6BR7	6BR7		Miniature pentode
6BR8	6BR8		Receiving triode-pentode
6BS3	6BS3		Half-wave high-voltage vacuum rect.
6BR8A	6BR8A		Same as 6BR8 except controlled heater warming time
6BS5	6BS5		Rectifier (French)
6BS7	6BS7		Low noise amplifier pentode (British)
6BS8	6BS8		Miniature medium mu twin triode
6BT6	6BT6		Miniature double-diode triode
6BT8	6BT8		Miniature reliatron
6BU4	6BU4		Receiving sharp cut off beam triode
6BU5	6BU5		Receiving beam pentode
6BU6	6BU6		Miniature double diode triode
6BU8	6BU8		Receiving miniature twin pentode
6BV7	6BV7		Miniature double diode power output pentode (Australian)
6BW4	6BW4		Miniature button cathode type full wave rectifier
6BW6	6BW6		Miniature beam power tetrode amplifier (British)
6BW7	6BW7		Miniature receiving RF pentode (British)
6BW8	6BW8		Receiving duplex-diode pentode, miniature
6BX4	6BX4		Receiving miniature HV full wave rectifier (French)

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Tube Type	Current Service Designation	Other Number	Class Description
6BX6	6BX6		Miniature RF pentode (Dutch)
6BX7GT	6BX7GT		Receiving twin triode
6BX8	6BX8		Miniature twin VHF triode
6BY4	6BY4		Ceramic high mu triode, micro miniature
6BY5G	6BY5G		Receiving full wave rectifier
6BY5GA	6BY5GA		6BY5G in T-12 envelope
6BY6	6BY6		Miniature pentagrid amplifier
6BY7	6BY7	EF85	Miniature RF pentode wide band amplifier (Dutch)
6BY8	6BY8		Miniature diode sharp cutoff pentode, controlled heater warmup time characteristic
6BZ6	6BZ6		Miniature semi-remote cutoff pentode
6BZ7	6BZ7		Miniature medium Mu VHF, twin triode, similar to 6BQ7
6BZ8	6BZ8		Miniature button, medium Mu twin triode
6C	6C	EL6C	Rectifier, gas-filled full wave
6C4	6C4		Miniature HF triode. See 6C4WA
6C4W	6C4W		Ruggedized 6C4. See 6C4WA
6C4WA	6C4WA	6100	Reliable 6C4
6C5	6C5	VT-65	Receiving triode amplifier. Nearest equivalent is 6J5
6C5G	6C5G	VT-65A	Replace with 6C5GT
6C5GT	6C5GT	6C5GT/G	Receiving medium Mu triode detector amplifier
6C5GT/G	6C5GT		See 6C5GT
6C5MG	6C5MG		Obsolete. Equivalent to 6C5GT
6C6	6C6	10E/337, VT-161 (Br)	Receiving sharp cutoff RF pentode. Equivalent to 7700, electrically similar to 1620 and 6J7
6C8G	6C8G	VT-163	Receiving twin triode, Medium Mu
6C9	6C9		Miniature duo-tetrode
6C10	6C10		Triple triode, Compactron
6C21	6C21	1000 spec., GL6C21, ZP527	Transmitting triode pulse amplifier
6C22	6C22	L600N	Transmitting UHF triode oscillator, water cooled
6C23	6C23	X-126H	Transmitting UHF triode oscillator, forced air cooled
6C24	6C24	A2255	Type 8014A with center tap filament. Similar to 5786
6C31	6C31		Triode-heptode
6CA4	6CA4	EZ81	High vacuum double anode rectifier (Canadian)
6CA5	6CA5		AF beam power pentode
6CA7	6CA7	EL34	Receiving power pentode (Dutch)
6CB5	6CB5		High perveance beam power pentode
6CB5A	6CB5A		6CB5 in T-12 envelope

Tube Type	Current Service Designation	Other Number	Class Description
6CB6 6CB6A	6CB6 6CB6A		Miniature pentode voltage amplifier 6CB6 with controlled heater warm up time characteristic
6CD6G 6CD6GA	6CD6G 6CD6GA		Beam power amplifier 6CD6G with button stem in a T-12 bulb, permits operation at higher ratings
6CD7 6CF 6CF6 6CG6 6CG7	6CD7 4B25 6CF6 6CG6 6CG7	EM84 38674A, EL6CF, 6CF	Tuning indicator (Canadian) See 4B25 Miniature sharp cutoff RF pentode Miniature pentode, remote cut off Miniature button medium mu twin triode.
6CG8	6CG8		Receiving miniature triode-pentode converter
6CG8A	6CG8A		6CG8 with controlled heater warm up time
6CH6 6CH7	6CH6 6CH7		Miniature button pentode (British) Miniature medium mu twin triode, similar electrically to 6BZ7.
6CH8	6CH8		Receiving miniature medium mu triode-sharp cut off pentode
6CJ6 6CK4 6CK6 6CL5 6CL6 6CL8 6CL8A	6CJ6 6CK4 6CK6 6CL5 6CL6 6CL8 6CL8A		Miniature pentode (Dutch) Low Mu triode Miniature pentode (Dutch) Receiving beam power amplifier Miniature version of 6AG7 Receiving miniature triode-tetrode Controlled heater warm up time version of 6CL8
6CM5 6CM6 6CM7	6CM5 6CM6 6CM7		Receiving output pentode. (Canadian) Receiving beam pentode Receiving medium mu duo triode with dissimilar units
6CM8 6CN6 6CN7 6CQ4 6CQ6 6CQ8	6CM8 6CN6 6CN7 6CQ4 6CQ6 6CQ8	EL-38 EF92	Miniature receiving triode-pentode Receiving pentode (British) Receiving hi mu duplex diode-triode Receiving damping diode Variable mu H.F. pentode, miniature Miniature medium mu triode, sharp cut off tetrode
6CR4 6CR5	6CR4 6CR5	A2521	Grounder grid triode Miniature beam power tube (Canadian)
6CR6	6CR6		Miniature diode-remote cut off pentode
6CR8	6CR8		Miniature general purpose triode, sharp cut off pentode
6CS5	6CS5		Miniature beam pentode. Similar to 6W6GT

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Tube Type	Current Service Designation	Other Number	Class Description
6CS6	6CS6		Miniature button heptode, dual control
6CS7	6CS7		Miniature button double triode with dissimilar sections
6CS8	6CS8		Miniature triode-pentode
6CT7	6CT7	EAF42	Single diode, remote cut off R.F. pentode (Dutch)
6CU5	6CU5		Receiving miniature button beam power pentode
6CU6	6CU6		Receiving beam power pentode, similar to 6BQ6GA and 6BQ6GTB
6CU7	6CU7	ECH42	Triode-Hexode converter
6CU8	6CU8		Receiving miniature medium mu triode, sharp cut off pentode
6CV7	6CV7	EBC41	Double diode - high mu triode
6CW4	6CW4		Receiving high-mu triode, Nuvistor
6CW5	6CW5	EL86	A.F. output pentode; receiving (Canadian)
6CW7	6CW7	ECC84	Miniature
6CX7	6CX7		Receiving medium mu twin triode
6CX8		6CX8	Receiving miniature triode - sharp cut off pentode
6CY5	6CY5		Miniature sharp cut off tetrode, see also 8113 for Military version
6CY7	6CY7		Miniature dissimilar double triode
6CZ5	6CZ5		Receiving beam power amplifier
6D4	6D4		Thyratron, gas triode
6D5	6D5		Receiving power amplifier triode
6D5G	6D5G		Receiving power amplifier triode (discontinued)
6D6	6D6	10E/338, VT160(Br.), VT-69	Receiving pentode amplifier (nearest equivalent is 6E7)
6D7	6D7		Sharp cutoff R.F. pentode
6D8	6D8	VR57(Br.)	Receiving pentagrid converter (obsolete)
6D8G	6D8G		Receiving pentagrid converter (obsolete). Similar to 6A8GT
6D10	6D10		Triple triode, Compactron
6D21	6D21	RK6D21, RKR71	Transmitting tetrode power amplifier
6D22	6D22	RK6D22	Transmitting beam power amplifier. Similar to 4X500A
6DA4	6DA4		Half wave indirectly heated rectifier
6DA5	6DA5	EM81	Tuning indicator, miniature
6DA6	6DA6	EF89	Miniature RF pentode
6DA7	6DA7		Miniature duo triode, with dissimilar sections
6DB5	6DB5		Miniature beam power pentode
6DB6	6DB6		Miniature sharp cut off pentode
6DC6	6DC6		Miniature semi remote cut off pentode

Tube Type	Current Service Designation	Other Number	Class Description
6DC8	6DC8	EBF89	Receiving - double diode remote cut off pentode (Canadian)
6DE4	6DE4		Half wave rectifier for TV damper service
6DE6	6DE6		Receiving sharp cut off pentode
6DE7	6DE7		Receiving duo-triode miniature with dissimilar sections
6DG6GT	6DG6GT		Receiving beam power pentode
6DG7	6DG7		Receiving miniature pentode, remote cut off (French)
6DJ8	6DJ8	ECC88	Miniature double triode
6DK6	6DK6		Sharp cut off pentode
6DL5	6DL5	EL95	Power out put pentode
6DL7	6DL7		Electron ray tuning indicator (Japanese)
6DM4	6DM4		Half-wave vacuum rectifier for damping diode service
6DN6	6DN6		Receiving beam power amplifier
6DN7	6DN7		Receiving dissimilar double triode
6DP7	6DP7	K1262P7, Z4495	Cathode ray tube, three beam, round, electrostatic deflection and focus
6DQ4	6DQ4		Half-wave vacuum diode
6DQ5	6DQ5		Receiving beam power tube for TV color receivers
6DQ6A	6DQ6A		Receiving beam power tube
6DR6	6DR6		Receiving pentode (French)
6DR7	6DR7		Miniature double triode with dissimilar sections
6DR8	6DR8	EBF83	Double diode remote cut off pentode (Canadian)
6DS4	6DS4		Receiving high-mu triode, Nuvistor
6DS5	6DS5		Receiving beam power tube, 7 pin miniature
6DS8	6DS8	ECH83	Triode-Heptode changer
6DT5	6DT5		Receiving beam power pentode, miniature
6DT6	6DT6		Sharp cut off miniature pentode
6DT8	6DT8		High Mu twin triode
6DV4	6DV4		Receiving UHF triode, Nuvistor
6DW4	6DW4		Half-wave vacuum rectifier
6DW5	6DW5		Miniature beam power pentodes
6DX4	6DX4		Miniature UHF triode
6DX8	6DX8		Miniature triode-pentode (Canadian)
6DY5	6DY5		Miniature audio pentode (Canadian)
6DY7	6DY7		Receiving dual beam power pentode
6DZ7	6DZ7		AF power amplifier
6DZ8	6DZ8		Miniature high mu triode power pentode
6E5	6E5	VT-215	Electron ray tuning indicator. Similar to 6AB5, 6N5

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Tube Type	Current Service Designation	Other Number	Class Description
6E6	6E6		Receiving twin triode amplifier
6E7	6E7		Receiving pentode amplifier (Type 6U7G characteristics)
6E8	6E8		Receiving triode-hexode (French)
6E8G	6E8G		Receiving triode-hexode converter (French). Obsolete
6EA5	6EA5		Sharp cut off miniature tetrode
6EA7	6EA7		Dual triode with dissimilar sections
6EA8	6EA8		Miniature triode pentode
6EB5	6EB5		Miniature double diode
6EB8	6EB8		Miniature triode-pentode
6EC7	6EC7		Variable mu h-f pentode (British)
6EF6	6EF6		Receiving beam power pentode.
6EH5	6EH5		Miniature power pentode
6EH7	6EH7/EF183	EF183	Receiving i-f pentode (Canadian)
6EH8	6EH8		Miniature triode-pentode with a controlled heater warm up time characteristic
6EJ7	6EJ7		Receiving i-f pentode (Canadian)
6EL7	6EL7	6F23	Miniature h-f pentode (British)
6EM5	6EM5		Miniature beam power tube
6EM7	6EM7		Dual triode, dissimilar sections
6EP-----	6EP-----		Cathode ray-electrostatic focus and deflection (British)
6EQ7	6EQ7		Miniature diode pentode
6ER5	6ER5		Miniature tetrode, frame grid
6ES5	6ES5		Miniature high mu triode
6ES6	6ES6	EF97	Receiving remote pentode cut off (Canadian)
6ES8	6ES8		Miniature high mu, variable mu twin triode (Canadian)
6ET6	6ET6	EF98	Receiving IF-AF amplifier pentode (Canadian)
6ET7	6ET7		Miniature duo-diode pentode
6EU7	6EU7		Miniature high-mu twin triode
6EU8	6EU8		Miniature triode pentode
6EV5	6EV5		Miniature sharp cut off tetrode
6EW6	6EW6		Miniature sharp cut off pentode
6EW7	6EW7		Dissimilar double triode
6EX6	6EX6		Beam power pentode
6EY6	6EY6		Beam power pentode
6EZ5	6EZ5		Beam pentode, deflection amplifier
6EZ8	6EZ8		Miniature triple triode
6F4	6F4	A2227	Receiving acorn-type UHF triode oscillator
6F5	6F5		Receiving triode amplifier (6Q7 will replace if lead on pin #4 is put on pin #3)
6F5G	6F5G		Replace with 6F5GT

Tube Type	Current Service Designation	Other Number	Class Description
6F5GT	6F5GT		Receiving triode amplifier (6Q7GT will replace if lead on pin #4 is put on pin #3)
6F5MG	6F5MG		Obsolete-equivalent to 6F5 and 6F5GT
6F6 6F6G	6F6 6F6G	VT-66 10E/346, NR85, ARP17, W1535, VT-66A, KT63(Br)	Receiving pentode power amplifier Use 6F6GT
6F6GT 6F6MG	6F6GT 6F6MG		6F6 in T-9 envelope Obsolete; equivalent to 6F6 and 6F6GT
6F7 6F7S	6F7 6F7S	VT-70	Receiving triode pentode Receiving triode pentode. Obsolete use 6F7
6F8G	6F8G	VT-99	Receiving twin triode. Similar to 6SN7GT, 7N7, 6AH7GT
6FA7	6FA7		Miniature diode tetrode
6FC7	6FC7		Double triode, frame grid (British)
6FD6	6FD6		Miniature sharp cutoff pentode
6FD7	6FD7		Dissimilar double triode
6FE5	6FE5		Beam power tube
6FG6	6FG6		Indicator tube with amplifying triode for use as tuning indicator or for modulation control (Canadian)
6FG7	6FG7		Triode pentode for vhf
6FH5	6FH5		Miniature triode, sharp cutoff
6FH6	6FH6		Beam power pentode-TV horizontal deflection
6FH8	6FH8		Miniature medium-mu triode-three plate tetrode
6FJ7	6FJ7		Dissimilar double triode, deflection oscillator and amplifier
6FM8	6FM8		Duplex diode-high mu triode
6FP-----	6FP-----		Cathode ray tube, rectangular, electrostatic focus & deflection
6FN5	6FN5		Pentode deflection amplifier (French)
6FQ5	6FQ5		Miniature vhf triode, frame grid
6FQ7	6FQ7		Miniature twin triode, medium mu
6FR7	6FR7		Dissimilar double triode
6FS5	6FS5		Miniature vhf beam pentode
6FV6	6FV6		Miniature sharp cut off pentode
6FV8	6FV8		Miniature triode pentode
6FW5	6FW5		Beam pentode deflection amplifier
6FW7	6FW7		Subminiature dual triode (Japan)
6FW8	6FW8		Medium mu twin triode
6FY5	6FY5		Miniature vhf triode, frame grid
6G4	6G4	X102B	Receiving UHF triode amplifier
6G5	6G5		Electron ray tuning indicator, see 6U5

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Tube Type	Current Service Designation	Other Number	Class Description
6G6G	6G6G	VT-198A	Receiving pentode power amplifier
6G6GT	6G6GT		Receiving pentode power amplifier
6G7	6G7	89RS	Receiving pentode duo-diode (Canadian)
6G8G	6G8G		Receiving duodiode remote cut off pentode (Australian)
6G11	6G11		Dissimilar double pentode, Compactron
6G12	7H12		See 7H12
6GA8	6GA8		Twin triode (British)
6GB5	6GB5		Beam power pentode
6GC5	6GC5		Beam power pentode, audio
6GC6	6GC6		Beam power pentode, deflection amplifier
6GD7	6GD7		Miniature triode pentode
6GE5	6GE5		Beam pentode, deflection amplifier, Compactron
6GE8	6GE8		Miniature triode pentode
6GF5	6GF5		Beam pentode, Compactron
6GF7	6GF7		Miniature dissimilar dual triodes
6GH8	6GH8		Medium mu triode-sharp cut off pentode
6GJ5	6GJ5	ECF-801	Miniature beam power
6GJ7	6GJ7		Miniature triode pentode
6GJ8	6GJ8		Miniature triode pentode
6GK5	6GK5		Miniature whf triode, frame grid
6GK6	6GK6		Miniature beam power pentode
6GK7	6GK7		Miniature high gain pentode (Canadian)
6GM5	6GM5		Beam power amplifier
6GM6	6GM6		Miniature semi-remote pentode
6GM8	6GM8		Miniature double triode (Canadian)
6GN8	6GN8		Miniature triode pentode
6GP-----	6GP-----		Cathode ray tube, dual beam, electrostatic deflection and focus
6GQ7	6GQ7		Miniature triple triode
6GS8	6GS8		Miniature dual pentode
6GT5	6GT5		Beam power tube, deflection amplifier
6GU7	6GU7		Miniature twin triode for color TV
6GV7	6GV7		VHF triode pentode (British)
6GW5	6GW5		Miniature triode, frame grid
6GW6	6GW6		Beam power, deflection amplifier
6GW8	6GW8		Miniature triode pentode
6GX6	6GX6		Miniature sharp cutoff pentode
6GY5	6GY5		Beam pentode deflection amplifier
6GY6	6GY6		Miniature sharp cutoff pentode
6GY8	6GY8		Miniature triple triode
6GZ5	6GZ5		Miniature audio power pentode
H-6	H-6		Transistor

Tube Type	Current Service Designation	Other Number	Class Description
6H-4	6H-4		Ballast tube
6H4/XXL	6H4/XXL		Receiving diode rectifier (obsolete)
6H4GT	6H4GT		Receiving diode rectifier (obsolete)
6H5	6H5/6G5		See 6H5/6G5
6H5/6G5	6H5/6G5	6H5	Electron ray tuning indicator obsolete-replace with 6U5/6G5
6H6	6H6	VT-90	Receiving duodiode rectifier
6H6G	6H6G		Replace with 6H6GT
6H6GT	6H6GT	Vt-90A, 6J6GT/G	6H6 in T-9 envelope
6H6GT/G	6H6GT		See 6H6GT
6H6MG	6H6MG		Obsolete, equivalent to 6H6 and 6H6GT/G
6H6WGT	6H6WGT		Ruggedized version of 6H6GT
6H7M	6H7M		Receiving high mu-triode, power pentode (spray shield) Canadian
6H7S	6H7S		Receiving high mu-triode, power pentode (spray shield) Canadian
6H8G	6H8G		Receiving duodiode pentode
6HA5	6HA5	EC900	Miniature r-f triode
6HB5	6HB5		Beam pentode deflection amplifier, Compactron
6HB6	6HB6		Power pentode deflection amplifier
6HC8	6HC8		Triode pentode, deflection oscillator and amplifier
6HD5	6HD5		Beam power pentode, Compactron
6HE5	6HE5		Beam power pentode, Compactron
6HF5	6HF5		Beam power pentode, Compactron
6HF8	6HF8		Miniature triode pentode
6HG8	6HG8		Miniature triode pentode (British)
6HJ8	6HJ8		Miniature diode pentode
6HK5	6HK5		Miniature vhf triode, frame grid
6HK8	6HK8		Miniature twin triodes (Japan)
6HQ6	6HQ6		Miniature semi-remote pentode (Canadian)
6HR6	6HR6		Miniature semi-remote pentode
6HS8	6HS8		Miniature twin pentode
6HU6	6HU6	EM87	Miniature amplifier-level indicator
6HU8	6HU8	ELL80	Miniature twin pentode (German)
6HW8	6HW8		Miniature sheet beam tube
6HZ6	6HZ6		Miniature dual control pentode
6HZ8	6HZ8		Miniature triode pentode
6HI6	6HI6		Ballast tube
6IT6	6IT6		Ion trap; hi voltage switching pentode
6J4	6J4	A2209, A2209A	Miniature triode, hi frequency
6J4WA	6J4WA		Reliable version of 6J4, see also 7137
6J5	6J5	VT-94	Receiving medium mu triode amplifier. Similar to 6C5

Tube Type	Current Service Designation	Other Number	Class Description
6J5G	6J5G VT-94A, L63(Br)	British NR78A & VR67,	Replace with 6J5GT
6J5G Special Selected	6J5G Special Selected	VT-94C	Receiving medium mu triode amplifier
6J5GT	6J5GT	SS6J5GT/G, VT-94D, 10E/11448 HY6J5GTX	Receiving triode amplifier (similar to 6C5GT) Type 6J5GT with ceramic base Type 6J5G with ceramic base Obsolete, equivalent to 6J5 and 6J5GT
6J5GTX	6J5GTX		
6J5GX	6J5GX		
6J5MG	6J5MG		
6J5 Special Selected	6J5 Special VT-94B Selected		
6J5WGT	6J5WGT		Ruggedized version of 6J5GT
6J6	6J6	A4434	Miniature UHF twin triode
6J6A	6J6A		Miniature twin triode, UHF. See 6J6WA
6J6W	6J6W		Ruggedized 6J6. See 6J6WA
6W6WA	6J6WA	6101, 6101/6J6WA	Reliable version of 6J6W
6J7	6J7	VR56(Br.), VT-91	Receiving sharp cut off R.F. pentode
6J7G	6J7G		Replace with 6J7GT
6J7GT	6J7GT	VT-91A	6J7 in T-9 envelope
6J7GTX	6J7GTX	HY6J7GTX	Type 6J7GT with ceramic base
6J7MG	6J7MG		Obsolete-equivalent to 6J7, 6J7G, and 6J7GT
6J8G	6J8G		Receiving triode heptode converter (similar to 6A8GT, 6D8G, and 7J7)
6J10	6J10		Pentode-Gated beam discriminator, Compactron
6J11	6J11		Twin pentode, Compactron
6J21	6J21	L3000	CW magnetron. Obsolete. Use 5607
6JB6	6JB6		Beam power tube
6JC6	6JC6		Miniature sharp cutoff pentode
6JC8	6JC8		Miniature triode-pentode
6JE6	6JE6		Beam power tube, deflection amplifier
6JE8	6JE8		Miniature triode-pentode
6JH6	6JH6		Miniature semi-remote pentode
6JH8	6JH8		Miniature double plate sheet beam
6JK6	6JK6		Miniature sharp cutoff pentode
6JK8	6JK8		Miniature dissimilar dual triode
6JL6	6JL6		Miniature semi-remote pentode
6JN8	6JN8		Miniature triode pentode
6JU8	6JU8		Miniature quadruple diode
6JV8	6JV8		Miniature triode pentode
6JZ8	6JZ8		Triode and beam pentode, Compactron
6K4	6K4	SB834	Subminiature triode.
6K4A	6K4A		Improved 6K4.
6K5	6K5		Receiving triode amplifier. Nearest equivalent 6Q7; similar to 6F5
6K5G	6K5G		Replace with 6K5GT

Tube Type	Current Service Designation	Other Number	Class Description
6K5GT	6K5GT		Receiving hi mu triode amplifier nearest equivalent 6Q7GT; similar to 6F5GT)
6K5WGT	6K5WGT		Rugged version of 6K5GT
6K6	6K6		Power out put pentode
6K6G	6K6G	VT-152A	Replace with 6K6GT, miniature version is 6AR5
6K6GT	6K6GT	6K6GT/G, VT-152	Power amplifier pentode
6K6GT/G	6K6GT		See 6K6GT
6K7	6K7	VR53 (Br.), VT-86	Receiving pentode amplifier, similar to 78
6K7G	6K7G	British NR81, SS6K7G, VT-86A	Receiving pentode amplifier
6K7GT	6K7-5	VT-86B	Receiving pentode amplifier (similar to 6S7G, 6U7G, 6W7G)
6K7GTX	6K7GTX	HY6K7GTX	Type 6K7GT with ceramic base
6K7MG	6K7MG		Obsolete-equivalent to 6K7, 6K7G, and 6K7GT
6K8	6K8	VT-167	Receiving triode hexode converter
6K8G	6K8G	VT-167A	Receiving triode hexode converter
6K8GT	6K8GT		Receiving triode hexode converter (equipped with special shield)
6K8GTX	6K8GTX	HY6K8GTX	Type 6K8GT with ceramic base
6K11	6K11		Three section triode, Compactron
6KA8	6KA8		Miniature triode pentode
6KE8	6KE8		Miniature triode pentode
6KM8	6KM8		Miniature diode triple-plate tetrode
6KN8	6KN8		Miniature twin triode (Japan)
6KR8	6KR8		Miniature triode pentode
6KS8	6KS8		Miniature triode pentode
6KT8	6KT8		Miniature triode pentode
6KU8	6KU8		Double diode, pentode
6KV8	6KV8		Miniature triode pentode
6KZ8	6KZ8		Miniature triode pentode
6L4	6L4	A2297	Acom type UHF triode, selected 6F4
6L5G	6L5G	VT-213A	Receiving triode detector amplifier (150 ma heater version of 6J5G)
6L6	6L6	VT-115	Transmitting and receiving pentode power amplifier. 1614 is a selected 6L6. Use 6L6WGB
6L6A	6L6W		Obsolete, superseded by 6L6W
6L6G	6L6G	VT-115A	Obsolete, nearest equivalent 6L6GA-Similar to British NR77
6L6GA	6L6GA		Type 6L6G in ST-14 envelope. See also 5932. Not directly interchangeable
6L6GAY	6L6GAY		6L6GA with micanol base
6L6GB	6L6GB		Receiving beam power amplifier; similar to 5932, 6L6, 6L6G and 6L6GA
6L6GT	6L6GT		6L6 in T-9 envelope

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Tube Type	Current Service Designation	Other Number	Class Description
6L6GTX	6L6GTX		See 6L6GX; the 6L6GTX never existed
6L6GX	6L6GX	HY6L6GX	Type 6L6G with ceramic base (similar to T21)
6L6W	6L6W		Ruggedized version of 6L6. Replaced by 6L6WG
6L6WGA	5932		See 5932
6L6WGB	6L6WGB	5881	Receiving beam power pentode. Reliable version of 6L6
6L6WGT	6L6WGT		Ruggedized 6L6
6L6Y	6L6Y		6L6 with micanol base
6L7	6L7	VT-87	Receiving pentagrid mixer amplifier
6L7G	6L7G	VT-87A	Receiving pentagrid mixer amplifier-obsolete. Nearest equivalent 6L7, tuned circuits may require realignment
6LB8	6LB8		Triode pentode, frame grid
6M3	6M3		Half wave diode
6M5	6M5		Miniature pentode power amplifier
6M6G	6M6G		Receiving pentode power amplifier
6M7G	6M7G		Receiving remote cut off pentode amplifier
6M8GT	6M8GT		Receiving diode triode pentode
6M11	6M11		Twin triode, pentode, Compactron
6N3	6N3		High voltage rectifier (Canadian)
6N4	6N4		Miniature triode amplifier-oscillator
6N5	6AB5/6N5		See 6AB5/6N5
6N5G	6N5G		See 6AB5/6N5
6N6G	6N6G		Receiving direct coupled double triode. Obsolete. Similar to 6B5, 6AB6G
6N6MG	6N6MG		Obsolete, equivalent to 6N6G
6N7	6N7	VT-96	Receiving twin triode power amplifier
6N7G	6N7G		Replace with 6N7GT. Similar to British NR73
6N7GT	6N7GT	6N7GT/G	Receiving twin triode power amplifier
6N7GT/G	6N7GT		See 6N7GT
6N8	6N8		Miniature pentode-twin diode
6N045	6N045		Thermostatic relay tube (not an electron tube)
6P5G	6P5G		Replace with 6P5GT
6P5GT	6P5GT	6P5GT/G	Receiving triode amplifier detector (similar to 6AG5G, 76)
6P5GT/G	6P-5		See 6P5GT
6P7G	6P7G		Receiving triode pentode (Type 6F7 characteristics)
6P8G	6P8G		Receiving triode hexode converter (British)
6P12	6P12		British-logarithmic pentode
6P90	6P90		Ballast tube

Tube Type	Current Service Designation	Other Number	Class Description
6PEB	6PEB		Phototube multiplier
6Q4	6Q4	EC80	Miniature grounded grid triode (Dutch)
6Q4	6Q4	A2298, A2304	Receiving acorn triode, selected 6F4. Obsolete
6Q5G	884		See 884
6Q6	6Q6		Obsolete. See 6Q6G
6Q6G	6Q6G	6Q6	Diode triode. Obsolete, nearest equivalent is 6T7G
6Q7	6Q7	VT-92	Receiving duodiode triode
6Q7G	6Q7G	British NR68 & DH63, VT-92A	Replace with 6Q7GT
6Q7GT	6Q7GT		Receiving duodiode triode (equipped with special shield, similar to 6T7G and 6Q6G)
6Q7MG	6Q7MG		Obsolete, equivalent to 6Q7 and 6Q7GT
6Q11	6Q11		Triple triode
6R3	6R3		Booster diode (Canadian)
6R4	6R4		Triode power amplifier oscillator
6R6G	6R6G		Receiving pentode voltage amplifier
6R7	6R7	VR55 (Br.), VT-88	Receiving duodiode triode
6R7G	6R7G	VT-88A	See 6R7GT; replace with 6R7GT
6R7GT	6R7GT	6R7GT/G, VT-88B	Receiving duodiode triode
6R7GT/G	6R7GT		See 6R7GT
6R7MG	6R7MG		Obsolete, equivalent to 6R7 and 6R7GT
6R8	6R8		Miniature triple diode, triode power amplifier
6S2	6S2		Hi vacuum single anode rectifier (Canadian)
6S2A	6S2A		6S2 with chemically treated envelope
6S4	6S4		Triode voltage amplifier, miniature
6S4A	6S4A		Miniature triode amplifier; 6S4 with controlled warm up characteristic
6S5	6S5		Electron ray tuning indicator
6S6GT	6S6GT		Receiving pentode amplifier
6S7	6S7		Receiving remote cut off pentode amplifier
6S7G	6S7G		Receiving pentode amplifier
6S8GT	6S8GT		Receiving triple diode, triode
6SA7	6SA7	VT-150	Receiving pentagrid converter See 6BE6
6SA7G	6SA7G		Replace with 6SA7GT
6SA7GT	6SA7GT	VT-150A, 6SA6GT/G	Receiving pentagrid converter
6SA7GT/G	6SA7GT		See 6SA7GT
6SA7GTX	6SA7GTX	HY6SA7GTX	Type 6SA7GT with ceramic base
6SA7GTY	6SASGTY		6SA7GT with Micanol base
6SA7WGT	6SA7WGT		Ruggedized version of 6SA7GT
6SA7Y	6SA7Y		6SA7 with Micanol base

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Tube Type	Current Service Designation	Other Number	Class Description
6SB7	6SB7		Receiving pentagrid converter (similar to 6SA7)
6SB7Y	6SB7Y	VT-105	6SB7 with Micanol base.
6SC7	6SC7		Receiving twin triode amplifier
6SG7GT	6SC7GT		Receiving twin triode amplifier. Similar to 6SL7GT
6SG7GTY	6SC7GTY		Type 6SC7GT with phenolic base
6SD7GT	6SD7GT		Receiving pentode amplifier. Similar to 6SE7GT, 6SG7, 6SH7GT
6SE7GT	6SE7GT		Receiving triple grid amplifier. Similar to 6SD7GT, 6SG7, 6SH7GT
6SF5	6SF5		Receiving triode amplifier
6SF5GT	6SF5GT		Receiving triode amplifier
6SF7	6SF7		Receiving diode, RF remote cut off pentode
6SF7GT	6SF7GT	VT-211	Receiving voltage amplifier
6SG7	6SG7		Receiving pentode amplifier. See also 6BA6
6SG7GT	6SG7GT		Receiving RF pentode amplifier, semi remote cut off.
6SG7Y	6SG7Y		6SG7 with Micanol base. Obsolete
6SH7	6SH7		Receiving pentode amplifier. See also 6AU6
6SH7GT	6SH7GT		Receiving pentode amplifier. Similar to 6SG7, 6SD7GT, 6SE7GT
6SH7L	6SH7L		Ruggedized receiving pentode amplifier
6SJ7	6SJ7	VT-116	Receiving RF pentode amplifier. See also 5693
6SJ7GT	6SJ7GT	VT-116A	Receiving pentode amplifier
6SJ7GTX	6SJ7GTX	HY6SJ7GTX	6SJ7GT with ceramic base
6SJ7GTY	6SJ7GTY		6SJ7GT with Micanol base
6SJ7W	6SJ7W		Ruggedized version of 6SJ7
6SJ7WGT	6SJ7WGT		Ruggedized version of 6SJ7GT
6SJ7WGTY	6SJ7WGTY		Ruggedized version of 6SJ7GT with Micanol base
6SJ7Y	6SJ7X	VT-116B	6SJ7 with Micanol base
6SK7	6SK7	VT-117	Receiving pentode amplifier, see 6SK7WA for rugged military version
6SK7G	6SK7G		Replace with 6SK7GT
6SK7GT	6SK7GT	6SK7GT/G, VT117A	Receiving pentode amplifier
6SK7GT/G	6SK7GT		See 6SK7GT
6SK7GTX	6SK7GTX	HY6SK7GTX	6SK7GT with ceramic base
6SK7GTY	6SK7GTY		6SK7GT with Micanol base
6SK7W	6SK7W		Ruggedized version of 6SK7.
6SK7WA	6SK7WA		Reliable 6SK7.
6SK7WGT	6SK7WGT		Ruggedized version of 6SK7GT
6SK7Y	6SK7Y		6SK7 with Micanol base

Tube Type	Current Service Designation	Other Number	Class Description
6SL7A 6SL7GT	6SL7A 6SL7GT	VT-229	Obsolete (superseded by 6SL7WGT) Receiving twin triode amplifier. Similar to 6SC7GT. See also 5691
6SL7L 6SL7W	6SL7L 6SL7WGT		Obsolete (superseded by 6SL7WGT) See 6SL7WGT, see also 5691 for reliable similar type.
6SL7WGT 6SN7A 6SN7GT	6SL7WGT 6SN7WGT 6SN7GT	VT-231	Ruggedized version of 6SL7GT Obsolete (superseded by 6SN7WGT) Receiving twin triode amplifier. See also 5692.
6SN7GTA 6SN7GTB	6SN7GTA 6SN7GTB		Receiving double triode 6SN7GTA with controlled warm up characteristic
6SN7GTY 6SN7L 6SN7W 6SN7WGT 6SN7WGTA	6SN7GTY 6SN7WGT 6SN7WGT 6SN7WGT 6SN7WGTA	A4273B 6SN7W	6SN7GT with micanol base Obsolete (superseded by 6SN7WGT) See 6SN6WGT Ruggedized 6SN7GT, see also 5692 Reliable medium mu twin triode amplifier
6SQ7 6SQ7G 6SQ7GT 6SQ7GT/G 6SR7 6SR7GT	6SQ7 6SQ7G 6SQ7GT 6SQ7GT 6SR7 6SR7GT	VT-103 6SQ7GT/G VT-233	Receiving duodiode hi mu triode Replace with 6SQ7GT Receiving duodiode triode See 6SQ7GT Receiving duodiode triode Receiving duodiode triode. Similar to 6ST7
6SS7	6SS7	VT-199	Receiving pentode amplifier. 150 ma heater version of 6SK7
6SS7GT 6ST7	6SS7GT 6ST7	VT-205	Receiving pentode amplifier Receiving duodiode triode. 150 ma heater version of 6SR7
6SU7GT 6SU7GTX	6SU7GT 6SU7GTX		Receiving triode Receiving triode with ceramic base. Selected 6SL7GT
6SU7GTY	6SU7GTY		Receiving triode with micanol base. Selected 6SL7GT
6SU7WGT 6SV7	6188 6SV7		See 6188 Receiving metal diode, sharp cut off RF pentode
6SV7GT 6SZ7 6T4	6SV7GT 6SZ7 6T4		Receiving metal diode pentode Receiving duodiode high mu triode Miniature receiving UHF oscillator triode. See also 2T4
6T5	6T5		Electron ray tuning indicator. Replace with 6U5/6G5
6T6GM 6T7G	6T6GM 6T7G	6T7G/6Q6G	Receiving triple grid amplifier Receiving duodiode triode (obsolete, nearest equivalent are 6B6G and 6Q7GT)
6T7G/6Q6G	6T7G		See 6T7G

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Tube Type	Current Service Designation	Other Number	Class Description
6T8 6T8A	6T8 6T8A		Miniature triple diode hi mu triode 6T8 with quick heater warm up characteristic
6T10	6T10		Dissimilar double pentode, Compactron
6U3 6U4GT 6U5 6U5/6G5 6U6GT	6U3 6U4GT 6U5 6U5 6U6GT	6G5, 6U5/6G5 6G5, 6U5, VT-98	Miniature diode (Dutch) Half wave rectifier Electron ray tuning indicator See 6U5 Receiving tetrode power amplifier. Similar to 6W6GT, 6Y6G
6U6WGT 6U7G	6U6WGT 6N7G		Ruggedized version of 6U6GT Receiving pentode amplifier. Similar to 6D6, 6K7GT, 6S7G, 6W7G, 6J7GT
6U8 6U8A	6U8 6U8A		Miniature triode pentode 6U8 with controlled warm up characteristic
6U10 6V3 6V3A 6V4	6U10 6V3 6V3A 6V4		Triple triode, Compactron Miniature half wave vacuum rectifier 6V3 with slightly larger bulb. Miniature hi vacuum full wave rectifier
6V5GT 6V6	6V5GT 6V6	VT-107	Receiving beam pentode Transmitting and receiving tetrode amplifier
6V6G 6V6GT	6V6G 6V6GT	VT-107B VT-107A, 6V6GT/G	Replace with 6V6GT Receiving UHF tetrode amplifier. Similar to 6K6GT, 6F6GT
6V6GT/G 6V6GTX 6V6GTY 6V6GX 6V6Y 6V7G	6V6GT 6V6GTX 6V6GTY 6V6GX 6V6Y 6V7G	HY6V6GTX	See 6V6GT Type 6V6GT with ceramic base 6V6GT with Micanol base Type 6V6G with ceramic base 6V6 with Micanol base Receiving duodiode triode. Similar to 85 and 6R7GT
6V8 6W2	6V8 6W2		Miniature triple diode triode, hi mu Half wave hi voltage rectifier (British)
6W4GT 6W5G	6W4GT 6W5G	X1730/6W4GT	Half wave vacuum rectifier Receiving duodiode rectifier (obsolete, replace with 6X5GT)
6W5GT 6W6	6W5GT 6W6	VT-196	Receiving duodiode rectifier Receiving pentode amplifier. Similar to 6U6GT, 6Y6G
6W6GT	6W6G5		Receiving pentode amplifier (obsolete) (nearest equivalent 6U6GT, 6Y6G); similar to 7A5, 12A6GT, 14A5

Tube Type	Current Service Designation	Other Number	Class Description
6W7G	6W7G		Receiving triple grid pentode amplifier (obsolete) 6J7GT nearest equivalent
6X2	6X2		Subminiature high voltage, hi vacuum rectifier. (Dutch)
6X4 6X4W 6X4WA	6X4 6X4W 6X4WA	QM556	Miniature duodiode vacuum rectifier Ruggedized version of 6X4. Reliable, miniature duodiode vacuum rectifier.
6X5 6X5G 6X5GT	6X5 6X5G 6X5GT	VT-126 VT-126A 6X5GT/G, VT-126B	Replace with 6X5GT Replace with 6X5GT Receiving duodiode rectifier. Similar to 6W5G, 0Z4, 6ZU5G
6X5GT/G 6X5L 6X5MG	6X5GT 6X5WGT 6X5MG		See 6X5GT See 6X5WGT Obsolete. Equivalent to 6X5 and 6X5GT
6X5S 6X5W 6X5WGT	6Y5 6X5WGT 6X5WGT	6X5L, 6X5W	See 6Y5 See 6X5WGT Ruggedized version of 6X5GT. See 5852
6X6G	6X6G		Electron ray tuning indicator (Canadian), same as 6E5 except base.
6X8 6X8A	6X8 6X8A		Miniature triode pentode converter 6X8 with controlled heater warm up characteristic.
6Y3G 6Y5	6Y3G 6Y5	6X5S	Receiving diode rectifier (Canadian) Receiving duodiode rectifier (type 84/6Z4 characteristic)
6Y5G	6Y5G		Receiving duodiode rectifier (obsolete, 6X5 nearest equivalent)
6Y5GT	6Y5GT		Receiving duodiode rectifier (obsolete, 6X5 nearest equivalent)
6Y5V Y6YG	6Y5V 6Y6G	VT-168A	Receiving duodiode rectifier Receiving tetrode amplifier. Similar to 6U6GT, 6W6GT
6Y6GA 6Y7G	6Y6GA 6Y7G		6Y6G in T-12 envelope Receiving twin triode amplifier. Obsolete (Type 79 characteristics)
6Z3 6Z4 6Z5	1V 84/6Z4 6Z5		See 1V See 84/6Z4 Receiving duodiode rectifier. Obsolete (Type 84/6Z4 characteristics)
6Z6MG 6Z7G 6Z5YG	6Z6MG 6Z7G 6ZY5G		Receiving duodiode rectifier Receiving twin triode amplifier Receiving duodiode rectifier. Low filament current type 6X5G; similar to 6X5GT/G, 6W5G, 0Z4
B-7 BC-7	B-7 BC-7		Geiger-Mueller counter tube Geiger-Mueller counter tube

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Tube Type	Current Service Designation	Other Number	Class Description
BS7	BS7	VG15	Beta-Gamma counter tube
CE7	CE7A/B, C, D	75A, G7, NU7	Phototube
CE7C	CE7C		Phototube
D7-20	D7-20		Ballast tube
G7	G7		Gas phototube
G7R	G7R		Subminiature pentode
GL7C29	GL7C29		See 7C29
GL7D21	GL7D21		See 7D21
HK-7T	6695		See 6695. Similar to 5586. See QK253
HK7	HK7		See 4J31-35
K7	K7	VT-257	See 2J30-34
K7RF4	K7RF4		See 2J32
K7T1	K7T1		See 2J66
K7T2	K7T2		See 2J67
K7T3	K7T3		See 2J68
K7T4	K7T4		See 2J69
NB7	NB7		Resistance tube-obsolete
NE7	NE7		Neon lamp
NU7	NU7	CE7	Gas phototube
PJ7	PJ7		Special vacuum-control tube
PM-7	PM-7		Power measurement lamp
REL7	VC92/4C27		See CV92/4C27
SRL-7A	SRL7A		Klystron oscillator
SRL-7C	SRL-7C		Klystron oscillator, 1.8 to 2.1 KMc, Po 5 to 10W
SRL-7F	SRL-7F		Klystron oscillator, 1.7 to 1.9 KMc, Po 5.7 to 9.2W
SRL-7G	SRL-7G		Klystron, 1.9 to 2.1 KMc, Po 6.5 to 9.6W
SRL-7H	SRL-7H		Klystron, 2.1 to 2.4 KMc, Po 7 to 10W
V7	V7		Vacuum phototube
WE7A	7A		See 7A
7	7		Ballast tube
7A	7A	WE7A	Photoelectric cell (obsolete)
7A4	7A4	VT-192	Receiving lock-in type triode amplifier
7A5	7A5		Receiving lock-in type pentode power amplifier
7A6	7A6		Receiving lock-in type duodiode rectifier (similar to 7X4, 7Z4)
7A7	7A7		Receiving lock-in type pentode amplifier (similar to 7B7, 7C7)
7A7LM	7A7LM		Receiving RF amplifier (obsolete, replace with 7A7)
7A8	7A8		Receiving lock-in type octode converter (similar to 7B8, 7S7, 7J7, 6D8G)
7A10	7A10		Ballast tube
7AB7/1204	7AB7/1204	1204	Receiving lock-in type UHF pentode
7ABP-----	7ABP-----	K1195, K1304P7	Cathode ray tube, magnetic deflection, electrostatic focus

Tube Type	Current Service Designation	Other Number	Class Description
7ACP-----	7ACP-----	K1097	Cathode ray tube, electrostatic focus and deflection
7AD7	7AD7		Receiving lock-in type pentode amplifier, similar to 6AG7, 6AQ5.
7ADP-----	7ADP-----	K1149P	Cathode ray tube, electrostatic focus and deflection.
7AEP-----	7AEP-----	K1268P	Cathode ray tube, electrostatic focus and deflection
7AF7	7AF7		Receiving lock-in type twin triode amplifier
7AFP-----	7AFP-----	K1123	Cathode ray tube, magnetic focus and deflection, Flying spot scanner
7AG7	7AG7		Receiving lock-in type pentode amplifier
7AGP-----	7AGP-----		Cathode ray tube, electrostatic focus and deflection
7AH7	7AH7		Receiving lock-in type pentode amplifier
7AHP1	7AHP1		Cathode ray tube (British)
7AJ7	7AJ7		Receiving sharp cut-off pentode
7AJP-----	7AJP-----	K1413	Cathode ray tube
7AK7	7AK7		Receiving pentode-lock-in
7AKP-----	7AKP-----	K1440, GL4386	Cathode ray tube, electrostatic focus and deflection. Dual beam. Rectangular face
7ALP-----	7ALP-----		Cathode ray tube, electrostatic focus and deflection
7AMP-----	7AMP-----	K1148	Cathode ray tube, square face, two beam, electrostatic focus and deflection
7AP4	7AP4		Cathode ray tube, obsolete
7AQP-----	7AQP-----	B1175	Miniaturized cathode ray tube, electrostatic focus, magnetic deflection
7ARP-----	7ARP-----		Cathode ray tube, electrostatic focus, magnetic deflection
7ATP-----	7ATP-----	GL4475, 71WHP, K1070, K1582P-----	Electrostatic focus and deflection cathode ray tube
7AU7	7AU7		Receiving miniature medium mu twin triode, see also 12AU7
7AUP-----	7AUP-----		Cathode ray tube, small neck, magnetic focus and deflection
7AVP	7AVP		Cathode ray tube, magnetic focus and deflection
7AWP5	7AWP5		Cathode ray tube, magnetic deflection and focus
7AXP-----	7AXP-----		Cathode ray tube, four-beam, square face, electrostatic deflection and focus
7AYP19	7AYP19	Z4414	Cathode ray tube, rectangular, electrostatic focus and deflection

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Tube Type	Current Service Designation	Other Number	Class Description
7B	4E27		See 4E27
7B4	7B4		Receiving lock-in type triode amplifier, hi mu
7B5	7B5		Receiving lock-in type pentode power amplifier (similar to 7C5)
7B5LT	7B5LT		Obsolete, replace with 7B5
7B6	7B6		Receiving lock-in type duodiode-triode (similar to 7C6)
7B6LM	7B6LM		Obsolete, replace with 7B6
7B7	7B7		Remote cut off receiving lock-in type RF pentode amplifier (similar to 7A7, 7C7)
7B8	7B8	VT-208	Receiving lock-in type pentagrid converter (similar to 6A8, 7A8, 7S7, 7J7)
7B8LM	7B8LM		Receiving pentagrid converter
7B33	953E		See 953E
7BAP-----	7BAP-----		Cathode ray tube, dual-beam, rectangular, electrostatic foc. & defl.
7BCP15, P24	7BCP15, P24		Cathode ray tube, flying spot scan, magnetic focus and deflection
7BDP-----	7BDP-----		Cathode ray tube, square, five-beam, electrostatic focus & deflection
7BEP10	7BEP10		Cathode ray tube, dark trace, with internal erase filament
7BFP2, P7	7BFP2, P7		Cathode ray tube, three-beam, rectangular, electrostatic foc. & deflec.
7BHP-----	7BHP-----	GL4560	Cathode ray tube, dual-beam, square, electrostatic focus & deflection
7BJP2	7BJP2		Cathode ray tube, five-gun, square, electrostatic focus & deflection
7BKP-----	7BKP-----		Cathode ray tube, square, electrostatic focus and deflection
7BLP7	7BLP7		Cathode ray tube, two-gun, electrostatic focus and deflection
7BMP-----	7BMP-----	71TCP-	Cathode ray tube, rectangular, electrostatic focus and deflection
7BP-----	7BP-----	ZP468, 1813P-----, C7475A	Cathode ray tube, magnetic deflection and focus
7BRP-----	7BRP-----	K1513	Cathode ray tube, five-beam, square, electrostatic focus & deflection
7BSP7	7BSP7	K1813P7	Cathode ray tube, five-beam, electrostatic focus and deflection
7C4	7C4	1203A, 7C4/1203A, NU1203A, 1203	Receiving UHF diode detector
7C4/1203A	7C4	VT-243	See 7C4
7C5	7C5		Receiving lock-in type tetrode power amplifier (similar to 6V6, 7B5). See 2C48, 2C50
7C5LT	7C5LT		Obsolete, replace with 7C5

Tube Type	Current Service Designation	Other Number	Class Description
7C6	7C6		Receiving lock-in type duodiode hi mu triode (similar to 7B6)
7C7	7C7	VT-193	Receiving lock-in type triple grid pentode amplifier (similar to 7A7, 7B7)
7C22	7C22	D164714	Transmitting twin triode UHF oscillator
7C23	7C23	Modified F5303	Transmitting triode oscillator, forced air cooled
7C24	7C24	WX3074	Transmitting UHF power triode. Superseded by 5762
7C25	7C25	F5303	Transmitting, forced air cooled triode
7C26	7C26		Transmitting, forced air cooled triode
7C27	7C27		Transmitting, forced air cooled triode
7C29	7C29	GL7C29	Transmitting, forced air cooled triode
7C30	7C30		Transmitting, forced air cooled triode
7CP-----	7CP-----	1811P-----, C7466A	Cathode ray tube, magnetic deflection, electrostatic focus
7D21	7D21	GL7D21	Transmitting forced air cooled tetrode
7DJ8	7DJ8		Receiving double triode (Canadian)
7DP-----	7DP-----		Cathode ray tube, electrostatic focus, magnetic deflection.
7E5	7E5	7E5/1201, NU1201, 1201, 1201A	Receiving UHF triode amplifier (type 6C6 characteristics)
7E5/1201	7E5	VT-241	See 7E5
7E6	7E6	VT-188	Receiving lock-in type duodiode triode
7E7	7E7		Receiving lock-in type duodiode pentode
7EY6	7EY6		Beam power pentode for vertical deflection
7F7	7F7	VT-189	Receiving lock-in type twin triode amplifier
7F7W	7F7W		Ruggedized version of 7F7. Never made
7F8	7F8		Receiving lock-in type twin triode, sub-miniature version is 6193
7F8W	7F8W		Ruggedized version of 7F8
7G7	7G7	1232, 7G7/1232	Receiving lock-in type triple grid pentode
7G7/1232	7G7		See 7G7
7G8	7G8		Receiving lock-in type UHF twin tetrode
7G8/1206	7G8		See 7G8
7GP-----	7GP-----		Cathode ray tube, electrostatic focus and deflection
7H4	7H4		Ballast tube
7H7	7H7	1206, 7G8/1206, SD706	Receiving lock-in type pentode amplifier (similar to 7G7, 7L7, 7T7)
7H12	7H12	VT-190	Ballast tube

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Tube Type	Current Service Designation	Other Number	Class Description
7J7	7J7	VT-194	Receiving lock-in type triode heptode converter (similar to 7A8, 7B8, 7S7)
7JP----- 7K7	7JP----- 7K7		Superseded by 7VP Receiving lock-in double diode, hi mu triode
7L7	7L7		Receiving lock-in type RF pentode amplifier (similar to 7G7, 7H7, 7T7)
7LP-----	7LP-----		Cathode ray tube, electrostatic focus, magnetic deflection
7MP-----	7MP-----		Cathode ray tube, magnetic focus and deflection
7N7	7N7		Receiving lock-in type twin triode amplifier
7NP4 7Q7	7NP4 7Q7		Projection cathode ray tube Receiving lock-in type pentagrid converter
7R7	7R7		Receiving lock-in type duodiode pentode
7S7	7S7		Receiving lock-in type triode heptode converter (similar to 7J7, 7A8, 7B8)
7SP7	7SP7	BR700	Cathode ray tube, magnetic deflection and focus
7T7	7T7	7T7GL	Receiving lock-in type triple grid amplifier (similar to 7L7, 7G7, 7H7)
7T7 7UP-----	7T7 7UP-----	Z4081	See 7T7 Cathode ray tube, magnetic focus and deflection
7V7	7V7		Receiving lock-in type pentode amplifier
7VP-----	7VP-----		Cathode ray tube, electrostatic deflection and focus. Supersedes 7JP
7W7	7W7	1282	Receiving lock-in type pentode hi frequency amplifier
7X6	7X6		Receiving lock-in type full wave rectifier
7X7 7X7/XXFM	7X7/XXFM 7X7/XXFM	XXFM, 7X7	See 7X7/XXFM Receiving lock-in type twin diode hi mu triode
7XP-----	7XP-----	K1052	Cathode ray tube, electrostatic focus and deflection. Five guns
7X4	7X4		Receiving lock-in type duodiode rectifier (similar to 7Z4, 84/6Z4)
7YP-----	7YP-----	K1124	Cathode ray tube, electrostatic focus and deflection. Five guns
7Z4	7Z4	VT-181	Receiving lock-in type duodiode rectifier (similar to 7X4)

Tube Type	Current Service Designation	Other Number	Class Description
7Z5P-----	7Z5P-----		Cathode ray tube-5 gun
BL8	BL8		TR tube
CE8	CE8A/B, C, D		Phototube
CE8A/B	CE8A/B		Phototube
CE8C	CE8C		Phototube
CE8D	CE8D		Phototube
G-8	G-8		Geranium crystal diode. Matched 1N48
G-8A	G-8A		Geranium crystal diode. Matched 1N52
G8	G8		Gas phototube
G8B	G-8B		Geranium crystal diode. Matched 1N63
GL8D21	8D21		See 8D21
L-8	L-8		Planar tetrode
NAVY VG-8	991		See 991
NB8	NB8		Resistance tube-Obsolete
PJ8	5556		See 5556
PM8	PM8		Power measurement lamp
REL8A	REL8A		Receiving UHF oscillator (Canadian)
REL8B	REL8B		Receiving UHF oscillator (Canadian)
REL8C	REL8C		Receiving UHF oscillator (Canadian)
REL8D	REL8D		Receiving UHF oscillator (Canadian)
SRC8	SRC8		Klystron
V8	V8		Vacuum phototube
WE8A	8A		See 8A
8-11	8-11		Ballast tube
8-20	8-20		Ballast tube
8A	8A	WE8A	Ballast tube
8AP4	8AP4		Cathode ray tube
8AP4A	8AP4A		Cathode ray tube
8AU8	8AU8		Miniature triode-pentode
8AU8A	8AU8A		8AU8 with controlled plate knee characteristic
8AW8A	8AW8A		Miniature receiving pentode-hi mu triode
8BA8A	8BA8A		Miniature pentode. See also 6BA8A
8BH8	8BH8		Miniature triode-pentode. See also 6BH8
8BW8	8BW8		Miniature hi mu triode-double diode. See 6BN8
8BP4	8BP4		Television picture tube
8BQ5	8BQ5		Receiving pentode
8BQ7A	8BQ7A		Miniature receiving medium mu twin triode (French)
8C22	BC22	X111B	Transmitting UHF triode oscillator
8C23	8C23	X111AD	Transmitting UHF triode oscillator
8C25	8C25		Transmitting, air cooled triode
8CG7	8CG7		Miniature twin triode
8CM7	8CM7		Miniature twin triode

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Tube Type	Current Service Designation	Other Number	Class Description
8CN7	8CN7		Miniature duo-diode-triode Cathode ray tube, electrostatic focus and deflection
8CP-----	8CP-----		
8CS7	8CS7		Miniature double triode, dissimilar sections
8CX8	8CX8		Receiving miniature triode-pentode T6½) identical to 6CX8 except heater
8CY7	8CY7	GL8D21	Dissimilar double triode
8D21	8D21		Transmitting, twin tetrode, water and forced air cooled
8DC15	8DC15		Diode gas rectifier, temperature limited
8DP4	8DP4		Cathode ray tube (Kinescope)
8DS15	84S15		Diode, temperature limited
8EB8	8EB8		Triode-pentode
8EM5	8EM5		Miniature beam power tube for vertical deflection
8H/8H/3	8H/8H/3	AMP-VR B1167P18	Ballast tube
8MP18	8MP18		Cathode ray tube, rectangular, electrostatic focus, magnetic deflection
8SN7GTB	8SN7GTB		Receiving medium mu double triode, see also 6SN7GTB
8SP7	8SP7	Z4870P7	Cathode ray tube, two beam, electrostatic focus and deflection
8U6GTA	8U6GTA		Receiving beam power pentode
8XP4	8XP4		Cathode ray tube-receiver check tube
A9T2S1	A9T2S1		Tungar bulb
AX-9	SAC-9B		Packaged magnetron
BL9	SAC-9G		TR tube
G-9	SAC-9H		Subminiature pentode
G9	SAC-9K		See 868
GV9A-600	GV9A-600		Corona voltage regulator
GV9A-2000	GV9A-2000		Corona voltage regulator
NE9	PJ22		Neon lamp
SAC-9B	9A		Klystron, forced air cooled
SAC-9G	AX-9		Klystron
SAC-9H	BL9		Klystron
SAC-9K	G-9		Klystron
V9	868		Klystron
WE9A	NE9		See PJ22
YTU9	185R4		See 9A
9	9A		See 185R4
9-11	9-11		See 9A
9A	9A	WE9A, 9	Ballast tube
9A8	9A8		Photoelectric cell
9AP-----	9AP-----	1804P-----	Receiving triode-pentode (Canadian)
9AU7	9AU7		Cathode ray tube
9BM5	9BM5		Miniature twin triode, see also 7AU7
9BR7	9BR7		Miniature wide band power amplifier pentode, see also 6BM5
			Miniature double diode-triode

Tube Type	Current Service Designation	Other Number	Class Description
9BR8	9BR8		Miniature triode pentode (British)
9BW6	9BW6		Miniature beam power amplifier pentode (British)
9C21	9C21		Transmitting triode, water cooled
9C22	9C22		Transmitting triode, forced air cooled
9C23	9C23		Transmitting, water cooled triode
9C24	9C24		Transmitting, water and forced air cooled triode
9C25	9C25		Transmitting, forced air cooled triode
9C26	9C26		Transmitting, forced air cooled triode
9C27	9C27		Transmitting, water and forced air cooled triode
9C28	9C28		Transmitting, water cooled triode, power amplifier and modulator
9C29	9C29		Transmitting, air cooled triode, power amplifier and modulator
9C30	9C30		Transmitting, water cooled triode, power amplifier oscillator
9CL8	9C31		Transmitting, air cooled triode
9C31	9CL8		Miniature button triode-tetrode
9CP-----	9CP-----		Cathode ray tube, magnetic deflection and focus
9DZ8	9DZ8		Miniature triode-pentode
9EF6	9EF6		Receiving beam power pentode, identical to 6EF6 and 12EF6 except heater
9GP7	9GP7	VCR140, ZP549	Cathode ray tube. Similar to 9MP7. Obsolete
9HP7	9HP7		Cathode ray tube
9JP1	9JP1	1809P1, C7431	Cathode ray tube. Obsolete
9LP7	9LP7	GL455, ZP455	Cathode ray tube
9MP-----	9MP-----	REL43	Cathode ray tube
9NP-----	9NP-----		Cathode ray tube
9RP33	9RP33		Cathode ray tube, electrostatic focus magnetic deflection (British)
9U8	9U8		Receiving triode pentode, see also 6CU8. (British)
9X8	9X8		Miniature receiving triode-pentode, see also 6X8
9Z8P7	9Z8P7		Cathode ray tube-8 gun
A10	A10		Therapy type HF triode (obsolete; similar to 11H)
BL10	BL10		TR tube, fixed tuned
CE10	CE10A/B,C,D	NU10	Phototube
CE10A/B	CE10A/B		Phototube
CE10C	CE10C		Phototube
CE10D	CE10D		Phototube
CR10	CR10		Thyratron

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Tube Type	Current Service Designation	Other Number	Class Description
CW10	CW10	REL10, 6048	Receiving acorn type UHF diode rectifier-similar to 9004, except for pin connection (Canadian)
D10	2C26		See 2C26
G10	1P31		See 1P31
G10T	G10T		Subminiature triode
GLC10	GLC10		Geiger-Mueller counter tube
GS-10B	GS-10B		Cold cathode counting tube
GS-10C	GS-10C		Cold cathode counting tube
MCM-10	7417/MCM-10	BL244	See 7417/MCM-10
HA-10N1	HA-10N1		Travelling wave tube
HP-10V	HP-10V		Magnetron
MO-10	6700		See 6700
MO-10K	6704		See 6704
MO-10R	MO-10R		Beam switching tube
MPD-10	MPD-10		TR tube
NU10	NU10	CE10	Phototube
P10	5806		See 5806
RCA10	10		See 10
REL10	CW10		See CW10
SAC-10	SAC-10		Klystron
TD10	6356		See 6356
TGC-10	TGC-10		Geiger-Mueller counter tube
TW-10	TW10		Traveling wave tube
VG10	BS-6		See BS-6
VG10A	1B67		See 1B67
VX10	VX10		Subminiature time delay thermal relay
10	10	PT210, 210, RCA10, CX310, UX210, 310, VT-25	See 10Y (replace with 10Y)
10-3	10-3		Ballast tube
10-4A	10-4A		Ballast tube
10-4B	10-4B		Ballast tube
10-4D	10-4D		Ballast tube
10-4E	10-4E		Ballast tube
10-54448	5960		See 5960
10AHP7	10AHP7		Cathode ray tube, magnetic deflection & focus with triode amplifier gun
10AKP7	10AKP7		Cathode ray tube, version of 10KP7 with high voltage grid no. 2
10ALP-----	10ALP-----		Cathode ray tube, electrostatic focus & deflection, collar base
10AMP7	10AMP7		Cathode ray tube, same as 10AHP7 except electrostatic focus
10ANP7	10ANP7	SC2862, K1983	Cathode ray tube, magnetic deflection and focus, low drive
10-B4	10-B4		Ballast tube
10C8	10C8		Miniature triode-pentode

Tube Type	Current Service Designation	Other Number	Class Description
10D	10D		Ballast tube
10DA7	10DA7		Miniature duo triode, see also 6DA7
10DE7	10DE7		Receiving miniature duo-triode, see also 6DE7
10E	1B73		See 1B73
10E/9	832		See 832
10E/92	91		See 91
10E/95	FG95		See FG95
10E/97	VT90 (Br.)/8011		See VT90 (Br.)/8011
10E/105	VR92 (Br.)		See VR92 (Br.)
10E/108	VT94 (Br.)		See VT94 (Br.)
10E/142	VT61A (Br.)		See VT61A (Br.)
10E/146	VU111		See VU111
10E/150	VU504		See VU504
10E/168	VT114 (Br.)		See VT114 (Br.)
10E/176	VR117 (Br.)		See VR117 (Br.)
10E/211	VO133		See VO133
10E/215	VT104 (Br.)		See VT104 (Br.)
10E/224	VT98 (Br.)		See VT98 (Br.)
10E/231	VT127 (Br.)		See VT127 (Br.)
10E/244	VT98 (Br.)		See VT98 (Br.)
10E/287	VR91A (Br.)		See VR91A (Br.)
10E/333	42		See 42
10E/337	6C6		See 6C6
10E/338	6D6		See 6D6
10E/340	6B7		See 6B7
10E/346	6F6G		See 6F6G
10E/466	1810P1		See 1810P1
10E/587	807		See 807
10E/1540	VR78 (Br.)		See VR78 (Br.)
10E/7312	VT25 (Br.)		See VT25 (Br.)
10E/8087	VU29 (Br.)		See VU29 (Br.)
10E/8739	VT31 (Br.)		See VT31 (Br.)
10E/11398	VT52 (Br.)		See VT52 (Br.)
10E/11399	VR53 (Br.)		See VR53 (Br.)
10E/11400	VR54 (Br.)		See VR54 (Br.)
10E/11401	VR55 (Br.)		See VR55 (Br.)
10E/11402	VR56 (Br.)		See VR56 (Br.)
10E/11441	8018		See 8018
10E/11443	8019		See 8019
10E/11448	6J5GT		See 6J5GT
10E/11449	VS68		See VS68
10E/11452	955		See 955
10E/11529	VU71 (Br.)		See VU71 (Br.)
10E/11534	TZ40		See TZ40
10E/11540	VR78 (Br.)		See VR78 (Br.)
10EB8	10EB8		Receiving triode pentode, same as 6EB8 except filament voltage
10FP4	10FP4	R6025	Cathode ray tube. Magnetic deflection and focus.

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Tube Type	Current Service Designation	Other Number	Class Description
10KP-----	10KP-----		Cathode ray tube magnetic deflection and focus
10KP7A	10KP7A		Cathode ray tube-high resolution version of 10KP7
10KP7B	10KP7B		Aluminized, high resolutions version of 10KP7
10M	1B74		See 1B74
10NP11	10NP11		Cathode ray tube
10PEK	10PEK		Phototube multiplier
10QP7	10QP7	BR1000	Cathode ray tube, magnetic deflections and focus
10 SPECIAL	VT25A		See VT25A
10 SPCL (RCA)	1602		See 1602
10T1	10T1		Ballast tube
10T2	10T2		Ballast tube
10UP-----	10UP-----		Cathode ray tube electrostatic focus, magnetic deflection
10VP7, P15	10VP7, P15		Flying spot scanner cathode ray tube
10WP-----	10WP-----	B1038	Cathode ray tube, electrostatic focus, magnetic deflection
10X	10X		Transmitting triode amplifier (10 with ceramic base)
10Y	10Y	2566A, 2C23, 410	Transmitting and receiving triode amplifier oscillator (10 with Micanol base)
A11	A11		Therapy type TF triode
BL-11	6282		See 6282
BW11	834		See 834
CE11A/B	CE11A/B		Phototube
CE11C	CE11C		Phototube
CE11D	CE11D		Phototube
CE11V	917		See 917
CV11	VC11		Therapy type HF triode (similar to UXCV11, 211H, A331)
F11X	F11X		Transmitting triode-water cooled (20KW)
G-11	5850		See 5850
G11	G11		Gas phototube
G-11A	MK1MOD10D		See MK1MOD10D
K11	1B68		See 1B68
MCT-11	BL973/MCT-11		See BL973/MCT-11
NU11V	917		See 917
P-11	5849		See 5849
PJ11	PJ11		Special purpose triode vacuum control tube (inactive)
RK11	RK11	TZ40	Transmitting triode amplifier (discontinued)
SMC-11	SMC-11		Frequency multiplier klystron, forced air cooled
SMC-11A	SMC-11A		Klystron

Tube Type	Current Service Designation	Other Number	Class Description
SMC-11B	SMC-11B		Klystron
SMC-11C	SMC-11C		Klystron
SMC-11D	SMC-11D		Klystron
SMC-11F	SMC-11F		Klystron
SMC-11G	SMC-11G		Klystron
SMC-11I	SMC-11I		Klystron
SMC-11J	SMC-11J		Klystron
SMC-11L	SMC-11L		Klystron
SMC-11N	SMC-11N		Klystron
SMC-11N	SMC-11N		Klystron
SMC-11S	SMC-11S		Klystron
TD11	6357		See 6357
UXCV11	UXCV11		CVII with UX base (similar to HY-51-A, 332, T841SW)
V11	V11		Vacuum phototube
V-11	V-11		Two resonator klystron
VG-11	VG-11	GET2	Neon lamp
VGX11	1B87		See 1B87
WD11	WD11	11	Receiving triode detector amplifier (obsolete)
11	WD11		Receiving triode detector amplifier (obsolete)
11C5	11C5		Miniature beam power pentode
11CY7	11CY7		Dissimilar double triode similar to 6CY7 and 8CY7
11V	917		See 917 Type CE1 with anode at top
CE12A/B	CE12A/B	NU12	Phototube
CE12C	CE12C		Phototube
CE12D	CE12D		Phototube
G12	G12		Gas phototube
G12-2	G12-2		Geiger-Mueller counter tube
GE12X825	4B35		See 4B35
GU12 (Br.)	866A		See 866A
HV 112	HV12/T814		Transmitting triode amplifier (replace with 814)
HV12/T814	HV12/T814	4C24, T814	Transmitting triode amplifier
MK12	BL967		See BL967
MPT12	7821/MPT12		See 7821/MPT12
NU12	NU12	CE12	Phototube (same as NU1 except bulb is round instead of tubular)
P-12	P-12		Subminiature pentode power amplifier
PJ12	PJ12		Similar to 211 (discontinued)
RBE-12A-1	RBE-12A-1		Radial beam tube, miniature version of 6090
RBE-12A-2	RBE-12A-2		Radial beam tube, miniature version of 6090
RBE-12G-2	RBE-12G-2		Radial beam tube
RK12	RK12		Transmitting triode amplifier (obsolete, similar to 908)
SRG12	5817		See 5817

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Tube Type	Current Service Designation	Other Number	Class Description
T12S(SV)	T12S(SV)		Transmitting triode power amplifier
TD12	6358		See 6358
V12	V12		Vacuum phototube
VC12	VC12		British
WX12	WX12	12, VT-7	Receiving triode detector amplifier (obsolete)
X-12	X-12		Klystron, wave guide output, reflex type. See also VA94
12	WX12		See WX12
12A	12A/112A		See 12A/112A
12A/112A	12A/112A	UX112A, 3382, 12A, 112A	Receiving triode detector amplifier (obsolete). Similar to 71A
12A4	12A4		Miniature receiving triode, medium mu, hi perveance
12A5	12A5		Receiving pentode power amplifier
12A6	12A6	VT-134	Receiving pentode beam power amplifier. See also 5659
12A6GT	12A6GT		Receiving pentode beam power amplifier
12A6GTY	12A6GTY		12A6GT with Micanol base
12A6Y	12A6Y		12A6 with Micanol base
12A7	12A7		Receiving diode rectifier pentode amplifier
12A8G	12A8G		Replace with 12A8GT
12A8GT	12A8GT		Receiving pentagrid converter (type 618 characteristics)
12AB5	12AB5		Miniature receiving beam power pentode
12ABP-----	12ABP-----		Cathode ray tube, electrostatic focus, magnetic deflection
12AO6	12AG6		Miniature pentode
12ACP19	12ACP19		Cathode ray tube, 2 gun, electrostatic focus and deflection, same electrically as K1137P19 but different bulb
12AD5	12AD5		Receiving miniature remote cut off, RF pentode (Canadian)
12AD6	12AD6		Miniature heptode, oscillator-mixer
12AD7	12AD7		Miniature receiving hi mu double triode
12AE6	12AE6		Miniature double diode-triode, medium mu
12AE6A	12AE6A		Miniature double diode-triode
12AE7	12AE7		Miniature dual triode for hybrid auto radios
12AF3	12AF3		Indirectly heated diode, same as 6AF3 except filament
12AF6	12AF6		Miniature remote cut off pentode, see 12BL6

Tube Type	Current Service Designation	Other Number	Class Description
12AFP	12AFP		Cathode ray tube, magnetic deflection and focus
12AG6	12AG6		Miniature receiving heptode for auto receivers
12AGP	12AGP		Cathode ray tube electrostatic focus, magnetic deflection, round metal envelope flat face
12AH7GT	12AH7GT	VT-207	Receiving twin triode
112AH8	12AH8		Receiving triode heptode (British)
12AJ6	12AJ6		Miniature receiving medium mu twin triode
12AJ7	12AJ7		Receiving triode-heptode small button type (Canadian)
12AKP7	12AKP7		Cathode ray tube electrostatic focus and deflection
12AL5	12AL5		Miniature receiving twin diode, VHF
12AL8	12AL8		Receiving triode-tetrode, miniature button, 9 pin
12AMP-----	12AMP-----	Z4718, K1949	Cathode ray tube, electrostatic focus & deflection, low drive
12ANP-----	12ANP-----		Cathode ray tube, electrostatic focus and deflection
12AP7	12AP7	C7442, 1803P7	Cathode ray tube, magnetic deflection, electrostatic focus
12AQ5	12AQ5		Miniature button receiving beam power pentode
12AQP-----	12AQP-----		Cathode ray tube, electrostatic focus and deflection, low drive
12ARP19	12ARP19		Cathode ray tube, same as 12ACP19 except bulb shape
12ASP-----	12ASP-----	Z4652	Cathode ray tube, electrostatic focus and deflection
12AT6	12AT6		Miniature version of 12SQ7
12AT7	12AT7		Miniature twin triode
12AT7WA	12AT7WA	6201, 6201/12AT7WA	Reliable miniature twin triode
12AT7WB	12AT7WB		Receiving miniature twin triode
12ATP28	12ATP28	K2105P28	Cathode ray tube, three-beam, electrostatic focus and deflection
12AU6	12AU6		Miniature version of 12SQ7
12AU7	12AU7		Miniature twin triode, separate cathodes (twin 6C4). See also 5814
12AU7A	12AU7A		Nonmicrophonic version of 12AU7 and direct replacement for 12AU7
12AU7W	5814A		See 5814A
12AU5GA	12AV5GA		Receiving beam power amplifier, T-12 envelope
12AV5GT	12AV5GT		Receiving beam power amplifier
12AV6	12AV6		Miniature double diode, high mu triode
12AV7	12AV7		Miniature low noise twin triode

Tube Type	Current Service Designation	Other Number	Class Description
12AW6	12AW6		Miniature RF pentode. (Similar to 6AG5)
12AWP12	12AWP12	B1217P12	Cathode ray tube, magnetic deflection, electrostatic focus, miniature neck
12AX4GT	12AX4GT		Half wave vacuum rectifier, damper tube for TV
12AX4GTA	12AX4GTA		12AX4GT with controlled heater warm up characteristics
12AX7	12AX7		Miniature low noise twin triode amplifier, separate cathodes. See also 5751-not directly interchangeable
12AX7A	12AX7A		Similar to 12AX7 (Canadian)
12AY3	12AY3		Half-wave rectifier, damper, Novar
12AY7	12AY7		Miniature twin triode, low noise, medium mu
12AZ7	12AZ7		Miniature double triode, high mu
12B3	12B3		Receiving half wave rectifier (Canadian)
12B4	12B4		Miniature triode, low mu
12B4A	12B4A		12B4 with controlled heater warm up characteristic
12B6M	12B6M		Receiving diode triode (Canadian)
12B7	14A7/12B7		See 14A7/12B7
12B7ML	14A7ML/12B7ML		See 14A7ML/12B7ML
12B8GT	12B8GT		Receiving triode pentode amplifier (obsolete)
12BA6	12BA6		Miniature version of 12SG7
12BA7	12BA7		Receiving miniature pentagrid converter
12BD6	12BD6		Receiving miniature RF pentode
12BE6	12BE6		Miniature pentagrid converter
12BF6	12BF6		Miniature duodiode, low mu triode, miniature version of 12SR7GT
12BH7	122BH7		Miniature double triode, medium mu
12BH7A	12BH7A		12BH7 with controlled heater warm up characteristic
12BK5	12BK5		Receiving beam power amplifier with controlled heater warm up characteristic
12BK6	12BK6		Miniature double diode triode, hi mu
12BL6	12BL		Receiving miniature sharp cut off pentode
12BN6	12BN6		Miniature gated-beam discriminator
12BQ6KA	122BQ6GTB/12CU6		See 12BQ6GTB/12CU6
12BQ6GA/12CU6	122BQ6GTB/12CU6		See 12BQ6GTB/12CU6
12BQ6GT	12BQ6GT		Receiving beam power tube
12BQ6KTB	12BQ6GTB/12CU6		See 12BQ6GTB/12CU6
12BQ6GTB/12CU6	12BQ6GTB/12CU6	12BQ6GA, 12CU6, 12BQ6/CU6	Receiving beam power tube

Tube Type	Current Service Designation	Other Number	Class Description
12BR7	12BR7		Miniature receiving double diode-triode
12BR7A	12BR7A		Miniature double diode triode
12BT3	12BT3		Damping diode, Compactron
12BT6	12BT6		Miniature double diode triode, medium mu
12BX6	12BX6		Miniature video pentode (Canadian)
12BU6	12BU6		Miniature double diode triode, low mu
12BV7	12BV7		Miniature button receiving hi trans-conductance pentode
12BW4	12BW4		Miniature button full wave rectifier
12BY7	12BY7		Receiving miniature sharp cut off pentode
12BY7A	12BY7A		12BY7 with controlled warm up characteristic
12BZ7	12BZ7		Miniature twin triode, hi mu, similar to 12AU7, 12AX7
12C5	12C5		Receiving miniature beam power amplifier. See also 50C5 and 50L6GT
12C8	12C8	VT-169	Receiving duodiode pentode amplifier
12C8-K9	VT153		See VT153
12C8 SPECIAL	VT153		See VT153
12C8Y	VT153		See VT153
12CA5	12CA5		Receiving beam power tube, miniature
12CN6	12CN6		Receiving beam power amplifier miniature
12CN5	12CN5		Miniature receiving pentode for auto radio receivers
12CR5	12CR5		Miniature beam power tube (Canadian)
12CR6	12CR6		Miniature button diode-pentode
12CS5	12CS5		Miniature beam pentode
12CS6	12CS6		Miniature button dual control heptode
12CT8	12CT8		Miniature pentode
12CU5	12CU5		Receiving miniature button beam power tube
12CU6	12CU6		Receiving beam power amplifier. See 12BQ6GTB/12CU6
12CX6	12CX6		Pentode, miniature button sharp cut off
122CY6	12CY6		Miniature button sharp cut off pentode
12D4	12D4		Half wave hi vacuum rectifier
12DB5	12DB5		Miniature beam power pentode
12DE8	12DE8		Miniature diode-pentode remote cut off, for battery circuits
12DF5	12DF5		Full wave rectifier, 9 pin miniature
12DF7	12DF7		Receiving low level twin triode, miniature
12DK5	12DK5		Miniature RF and IF pentode

Tube Type	Current Service Designation	Other Number	Class Description
12DK7	12DK7		Miniature receiving double diode tetrode
12DL8	12DL8		Receiving twin-diode tetrode, miniature button 9 pin
12DM5	12DM5		Receiving beam pentode with controlled warm up characteristics
12DP7	12DP7	ZP477, C7485B, VCR516	Cathode ray tube, magnetic focus and deflection, obsolete, superseded by 12DP7A
12DP7A	12DP7A	12DP7Z	Cathode ray tube, magnetic focus and deflection
12DP7B	12DP7B		Cathode ray tube, magnetic deflection and focus
12DP7C	12DP7C	Z4300, Z4303	Cathode ray tube, magnetic deflection and focus
12DP7Z	12DP7A		See 12DP7A
12DP8	12DP8	REL25	Cathode ray tube (Canadian)
12DQ6	12DQ6		Receiving hi perveance beam power tube
12DQ6A	12DQ6A		12DQ6 with higher ratings
12DQ7	12DQ7		Receiving pentode TV video amplifier
12DS7	12DS7		Miniature twin diode power tetrode
12DT5	12DT5		Miniature receiving beam power pentode
12DT7	12DT7		Miniature hi-mu double triode, similar to 12AX7
12DT8	12DT8		Receiving hi mu twin triode, miniature
12DU7	12DU7		Miniature duo-diode tetrode
12DV7	12DV7		Miniature double diode triode
12DV8	12DV8		Duplex-diode tetrode, receiving miniature
12DW7	12DW7		Miniature duo-triode, dissimilar sections
12DW8	12DW8		Diode, dual triode for hybrid auto radios
12DY8	12DY8		Miniature tetrode-sharp cut off triode
12DZ6	12DZ6		Receiving pentode for auto receivers, miniature
12DZ8	12DZ8		Miniature hi mu triode, power pentode
12ESGT	12ESGT		Receiving triode amplifier (similar to 6P5GT)
12EA6	12EA6		Receiving pentode for auto receivers, miniature
12ED5	12ED5		Miniature beam power audio output pentode
12EF6	12EF6		Receiving beam power pentode, identical to 6EF6 and 9EF6 except heater

Tube Type	Current Service Designation	Other Number	Class Description
12EG6	12EG6		Receiving dual control heptode, miniature
12EH5	12EH5		Miniature power pentode
12EL6	12EL6		Miniature double diode high mu triode
12EM6	12EM6		Miniature receiving diode-tetrode
12EN6	12EN6		Beam power pentode receiving
12EP1	12EP1		Cathode ray tube (obsolete)
12EZ6	12EZ6		Miniature sharp cut off pentode for battery supply
12F5GT	12F5GT		Receiving triode amplifier (type 6F5 characteristics, 12Q7GT will replace if lead on pin #4 is put on pin #3)
12F8	12F8		Miniature double diode pentode, AF for auto receivers
12FA6	12FA6		Miniature heptode for battery supply
12FK6	12FK6		Miniature twin diode low-mu triode
12FM6	12FM6		Miniature double diode triode
12FP1	12FP1		Cathode ray tube
12FP7	12FP7	REL45, ZP548	Cathode ray tube
12FT6	12FT6		Miniature duo-diode triode
12G4	12G4		Receiving miniature, medium mu triode, center tapped heater
12G7G	12G7G		Duodiode triode
12G8	12G8		Miniature button dissimilar double triode for auto receivers
12GP7	12GP7	GL488, ZP488, 488	Cathode ray tube
12H	1630		See 1630
12H4	12H4		Miniature button receiving triode
12H6	12H6	VT214	Receiving duodiode rectifier doubler (type 6H6 characteristics)
12HP1	12HP1	REL33A	Cathode ray tube
12HP3	12HP3	REL33	Cathode ray tube
12HP7	12HP7	REL37	Cathode ray tube (Canadian)
12J5	12J5	VT-135A	Receiving triode detector amplifier. Obsolete
12J5GT	12J5GT	VT-135	Receiving triode detector amplifier (type 6J5 characteristics)
12J5WGT	12J5WGT		Ruggedized version of 12J5GT
12J7G	12J7G		Replace with 12J7GT
12J7GT	12J7GT		Receiving triple grid pentode amplifier (similar to 6J7, 12K7GT)
12J8	12J8		Miniature receiving twin diode tetrode
12JP7	12JP7		Cathode ray tube
12K5	12K5		Miniature power tetrode, space charge grid type
12K7G	12K7G		See also 12K7GT; replace with 12K7GT

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Tube Type	Current Service Designation	Other Number	Class Description
12K7GT	12K7GT		Receiving pentode amplifier (similar to 6K7, 12J7GT)
12K8	12K8		Receiving triode hexode converter
12K8GT	12K8GT		Receiving triode hexode converter (type 6K8 characteristics)
12K8 SPECIAL	12K8Y	VT-132	See 12K8Y
12K8Y	12K8Y	12K8 Special	Type 12K8 with Micanol base
12L6GT	12L6GT		Receiving beam power amplifier
12L8GT	12L8GT		Receiving twin pentode power amplifier
12Q7G	12Q7G		See 12Q7GT; replace with 12Q7GT
12Q7GT	12Q7GT		Receiving duodiode-triode (type 6Q7 characteristics)
12R5	12R5		Miniature receiving beam power amplifier
12S8GT	12S8GT		Receiving triple diode triode
12SA7	12SA7	VT-161	Receiving pentagrid converter
12SA7G	12SA7G		Replace with 12SA7GT
12SA7GT	12SA7GT	12SA7GT/G	Receiving pentagrid converter (type 6SA7 characteristics)
12SA7GT/G	12SA7GT		See 12SA7GT
12SA7GTY	12SA7GTY		12SA7GT with Micanol base
12SA7Y	12SA7Y		12SA7 with Micanol base
12SC7	12SC7	VT-268	Receiving twin triode amplifier. Similar to 6SC7, 12SL7GT
12SF5	12SF5		Receiving hi mu triode amplifier (Type 6SF5 characteristics)
12SF5GT	12SF5GT		Receiving triode amplifier (12SQ7 will replace if base is required)
12SF7	12SF7		Receiving diode remote cut off pentode (Type 6SF7 characteristics)
12SF7GT	12SF7GT		Receiving diode pentode
12SF7Y	12SF7Y		12SF7 with Micanol base
12SG7	12SG7	VT-209	Receiving pentode amplifier (Type 6SG7 characteristics)
12SG7GT	12SG7GT		Receiving pentode amplifier (Type 6SG7 characteristics)
12SG7Y	12SG7Y		12SG7 with Micanol base
12SH7	12SH7	VT-288	Receiving sharp cut off RF pentode (Type 6SH7 characteristics)
12SH7GT	12SH7GT		Receiving pentode amplifier (Type 6SH7 characteristics)
12SJ7	12SJ7	VT-162	Receiving triple grid pentode amplifier
12SJ7GT	12SJ7GT		Receiving triple grid pentode amplifier (Type 6SJ7 characteristics)
12SK7	12SK7	VT-131	Receiving pentode amplifier
12SK7G	12SK7G		Replace with 12SK7GT
12SK7GT/G	12SK7GT		See 12SK7GT

Tube Type	Current Service Designation	Other Number	Class Description
12SK7GT	12SK7GT	12SK7GT/G	Receiving pentode amplifier. Similar to 6SK7, 12SJ7GT for miniature version see 12BD6
12SK7GTY	12SK7GTY		12SK7GT with micanol base
12SK7Y	12SK7Y		12SK7 with micanol base
12SL7GT	12SL7GT	VT-289	Receiving twin triode amplifier (Similar to 7SL7GT, 12SG7)
12SL7W	12SL7W		Ruggedized version of 12SL7GT. Never made
12SN7	12SN7		Receiving twin triode amplifier
12SN7GT	12SN7GT		Receiving twin triode amplifier (type 6SN7GT characteristics)
12SN7GTA	12SN7GTA		Receiving twin triode amplifier (12SN7GT with higher ratings)
12SN7W	12SN7W		Ruggedized version of 12SN7GT. Never made
12SP7	12SP7		Cathode ray tube-superseded by 12SP7D
12SP7B	12SP7B		Cathode ray tube, magnetic focus and deflection
12SP7D	12SP7D		Cathode ray tube, magnetic focus and deflection
12SQ7	12SQ7	VT-104	Receiving duodiode triode
12SQ7G	12SQ7G		Replace with 12SQ7GT
12SQ7GT	12SQ7GT	12SQ7GT/G	Receiving duodiode triode (Type 6SG7 characteristics)
12SQ7GT/G	12SQ7GT		See 12SQ7GT
12SR7	12SR7	VT-133	Receiving duodiode triode (Type 6SR7 characteristics)
12SR7GT	12SR7GT		Receiving duodiode triode (Type 6R7 characteristics). For miniature version, see 12BF6
12SW7	12SW7		Version of 12SR7 for 28-V operation
12SW7GT	12SW7GT		Discontinued in favor of 12SW7
12SX7GT	12SX7GT		Receiving twin triode amplifier. Selected 12SN7GT for 28-V operation
12SY7	12SY7		Receiving pentagrid converter (28-volt type 12SA7)
12SY7GT	12SY7GT		Receiving pentagrid converter (28-volt type 12SA7GT)
12U7	12U7		Miniature double triode for auto receivers
12V6GT	12V6GT		Receiving beam power pentode amplifier
12W6GT	12W6GT		Receiving beam power amplifier
12X3	12X3		Special purpose vacuum diode rectifier (Canadian)
12X4	12X4		Miniature receiving double diode
12X825	4B35		See 4B35

Tube Type	Current Service Designation	Other Number	Class Description
12Z2P7	12Z2P7		Cathode ray tube, electrostatic focus and deflection, dual gun, 12 inch diameter.
12Z3	12Z3		Receiving diode rectifier, hi vacuum
12Z5	12Z5		Receiving voltage double rectifier, obsolete
CE13A/B	CE13A/B	NU13A/B	Phototube
CE13C	CE13C		Phototube
CE13D	CE13D		Phototube
CE13V	CE13V		Phototube
CV13	CV13		Thyratron (British)
FA13	FA13		Indicator tube
G13	G13		Gas phototube
L-B13	1P25		See 1P25
MK-13	BL934		See BL934
MLT-13	7823		See 7823
MPT13	7901		See 7901
NU13A/B	NU13A/B	CE13A/B	Phototube (similar to NU2 with anode at top)
SRC-13	5818		See 5818
TD13	6359		See 6359
TRL-13	TRL-13		Wamoscope
V13	V13		Vacuum phototube
VG13	1B68		See 1B68
X-13	X-13	8100-12	Reflex klystron, 8200-12400 mc
X-13B	X-13B		Reflex klystron, 7500-11,000 mc
13	80		See 80
13-4	13-4		Ballast tube
13-4B	13-4B		Ballast tube
13B	80		See 80
13DE7	13DE7		Receiving miniature duo-triode
13DR7	13DR7		Miniature double triode, dissimilar sections
13T4	13T4		Ballast tube
BW15	BW15		Backward wave oscillator
CE14A/B	CE14A/B	NU14A/B	Phototube
CE14C	CE14C		Phototube
CE14D	CE14D		Phototube
FA14	FA14		Compensator tube for resistance vacuum gauge
G14	920		See 920
G14T	G14T		Gas phototube
GL14	914	22100	See 914
HK14	HK14		Transmitting triode
MCT14	6639/BL46	BL46	See 6639/BL46
MK14	BL934A		See BL934A
NU14A/B	NU14A/B	CE14A/B	Phototube (similar to NU13 with grid surrounding anode)
PJ14	PJ14	PJ14B	Special phototube
PJ14B	PJ14		See RJ14

Tube Type	Current Service Designation	Other Number	Class Description
TG-14	TG14		Spark gap, two electrode, line type modulator
V14T	V14T		Vacuum phototube
XM-14	XM-14		Pulsed hi-power triode
14	14		Receiving screen grid RF amplifier (similar to 24A)
14A4	14A4		Receiving lock-in type triode amplifier (type 7A4 characteristics)
14A5	14A5		Receiving lock-in type power amplifier
14A7	14A7/12B7		See 14A7/12B7
14A7/12B7	14A7/12B7	12B7, 14A7	Receiving lock-in pentode amplifier (similar to 7A7, 14C7)
14A7ML/12B7ML	14A7ML/12B7ML	12B7ML	Receiving pentode amplifier (replace with 14A7/12B7)
14AF7	14AF7	XXD	Receiving twin triode (similar to XXD, 14N7)
14AP 1, 2, 5	14AP 1, 2, 5	2531A14-D14	Cathode ray tube
14B6	14B6		Receiving lock-in type duodiode triode (type 7B6 characteristics)
14B8	14B8		Receiving lock-in type pentagrid converter (similar to 7B8, 14J7, 14S7, 12A8GT)
14C5	14C5		Receiving lock-in type pentode power amplifier (type 6V6 characteristics)
14C7	14C7		Receiving lock-in type triple grid detector amplifier (similar to 14A7/12B7)
14D12	8078		See 8078
14E6	14E6		Receiving lock-in type duodiode triode (type 7E6 characteristics)
14E7	14E7		Receiving lock-in duodiode pentode (type 7E7 characteristics)
14F7			Receiving lock-in type twin triode amplifier (type 7F7 characteristics)
14F8	14F8		Receiving lock-in type double triode amplifier type 7F8 characteristics)
14G6	14G6		Double diode, hi mu triode, miniature (Canadian)
14H7	14H7		Receiving lock-in type pentode amplifier (type 7H7 characteristics)
14J7	14J7		Receiving triode-heptode converter
14N7	14N7		Receiving lock-in type twin triode amplifier (similar to 7N7, 14AF7)
14Q7	14Q7		Receiving lock-in type pentagrid converter (type 7Q7 characteristics)
14R7	14R7		Receiving lock-in type duodiode pentode (type 7R7 characteristics)
14S7	14S7		Receiving lock-in triode heptode converter (similar to 14B8, 14J7)

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Tube Type	Current Service Designation	Other Number	Class Description
14W7	14W7		Receiving lock-in type pentode amplifier sharp cut off
14X7	14X7		Receiving lock-in type twin diode high mu triode
14Y4	14Y4		Receiving lock-in type duodiode rectifier
14Y7	14Y7		Receiving triode - hexode (Canadian) T6½ miniature
14Z3	14Z3		Receiving lock-in type diode rectifier (replace with 12Z3)
BL15	BL15		Gas switching tube, ATR
BW15	BW15	NU15A/B	Backward wave oscillator
CE15A/B	CE15A/B		Phototube
CE15C	CE15C		Phototube
CE15D	CE15D		Phototube
FA15	FA15		Vacuum switch (SPDT)
G15	G15		Phototube (obsolete)
G15F	927		See 927
GL15	GL15		Counter tube, obsolete
GLM15	GLM15		Counter tube, obsolete
GML-M15M1F	MK15MOD1F		See MK15MOD1F
H15S	4J36-41		Magnetron series-see 4J36-41
HW15	CE203		See CE203
LM15	LM15		Superseded by 2P21 (similar to C7557)
MK15MOD1F	MK15MOD1F	GML-M15M1F	Beta-Gamma counter tube
MK15MOD13	MK15MOD13		Replaced by MK1MOD10D
NU15A/B	NU15A/B	CE15A/B	Phototube
PT15	VT104 (Br.)		See VT104 (Br.)
R15A	5B21		See 5B21
RK15	RK15		Receiving triode power amplifier (discontinued type 46 nearest equivalent)
SRX-15	SRX-15		Reflex klystron
TG-15	TG15		Chronotron vacuum type relay
TT15A	TT15A		Delay tube (relay)
V15F	V15F		Vacuum phototube
VG15	BS-7		See BS-7
XM15-A	XM15A		Transmitting triode
15	15		Receiving pentode amplifier
15A	15A		Receiving tetrode amplifier
15A6	15A6		Miniature receiving video output pentode (Dutch)
15A8	15A8		Receiving medium mu triode and beam pentode
15E	15E	8023, 4C30, 3-15A3/15B	Transmitting UHF triode amplifier
15G	15G		Diode gas rectifier
15GP22	15GP22		Cathode ray tube, 3 gun, metal, tri color phosphor dot

Tube Type	Current Service Designation	Other Number	Class Description
15R	15R	2-15A/15R, 8022, 4B30	Hi vacuum half wave rectifier
BL16	BL16		TR tube, tunable with integral cavity See 5665
C16J	5665		Phototube
CE16A/B	CE16A/B	NU16A/B	Phototube
CE16C	CE16C		Phototube
CE16D	CE16D		Phototube
CV16	CV16	REL46, S25A	Grounded grid triode (British)
EL-16	EL-16		Diode gas rectifier
EL16B	16B		See 16B
EL16F	16F		See 16F
ELC16J	5665		See 5665
ELC16J/A	C16J/A		Thyratron
G16	G16		Gas phototube
G16B	G16B		Gas phototube
GE16X897	4B27		See 4B27
IC-16	IC-16		Image converter tube, see also 6380, 6411
NE16	991		See 991
NU16A/B	NU16A/B	CE16A/B	Phototube (similar to NU1 with cathode in independent halves)
P-0016A	P-0016A		GE X-ray, see FP265
P00016B	GL152		See GL152
REL-16	878		See 878
RK16	RK16		Receiving triode power amplifier (discontinued, type 59 nearest equivalent)
SRX-16	SRX-16		Klystron, similar to 2K39
V16	V16		Vacuum phototube
V16B	V16B		Vacuum phototube
16	81		See 81
16-6	16-6		Ballast tube
16A5	16A5		Miniature sound output tube (Dutch)
16ADP7	16ADP7		Cathode ray tube, magnetic deflection and focus
16AFP19	16AFP19		Cathode ray tube, electrostatic focus, magnetic deflection metal backed screen
16AGP-----	16AGP-----	K1222	Cathode ray tube, electrostatic focus, magnetic deflection
16AKP7	16AKP7		Cathode ray tube, magnetic deflection electrostatic focus
16AP2	16AP2		Cathode ray tube
16B	16B	EL16B	Gas rectifier half wave
16F	16F	EL16F	Diode gas rectifier
16JP19	16JP19		Cathode ray tube
16PMI	6836/16PMI		See 6836/16PMI
ARP17	ARP17	NR85, 6FG6	Receiving tetrode power amplifier
BL17	BL17		TR tube

Tube Type	Current Service Designation	Other Number	Class Description
CE17A/B	CE17A/B	NU17A/B	Phototube
CE17C	CE17C		Phototube
CE17D	CE17D		Phototube
EE17	FG17		See FG17
FG17	FG17	EE17, WL17, WT272, 272, CE309, DE0517, NL715, UE967, 967, 4260, 4261, 5557, 5557/FG17, DG0517	Thyratron, mercury
G17F	G17F		Gas phototube
MPT-17	7902		See 7902
MST-17	8048	BL601	See 8048
NU17A/B	NU17A/B	CE17A/B	Phototube (similar to NU2 with flat cathode)
RK17	RK17		Receiving pentode power amplifier (discontinued, type 2A5 nearest equivalent)
SR17	SR17		Vacuum phototube
SRL-17	SRL-17		Reflex klystron oscillator
TT-17	TT-17		Chronotron vacuum type relay
V17F	V17F		Vacuum phototube
WL17	FG17		See FG17
17	17		Receiving triode (similar to type 27)
17-3	171-3		Ballast tube
17ADP7	17ADP7		Cathode ray tube, magnetic deflection and focus, metal backed screen
17AV5GA	17AV5GA		Receiving beam power pentode
17AX4GT	17AX4GT		Receiving half wave hi vacuum rectifier
17BCP1	17BCP1		Cathode ray tube, magnetic deflection, electrostatic focus
17BQ6GTB	17BQ6GTB		Receiving beam power pentode
17C5	17C5		Receiving miniature pentode
17C8	17C8		Receiving double diode-remote cutoff pentode, T6½. Canadian
17CA5	17CA5		Receiving beam power pentode
17CA5	17CA5		Receiving beam power pentode
17CU5	17CU5		Receiving beam power amplifier
17D4	17D4		Receiving half wave rectifier
17DE4	17DE4		Receiving diode
17DQ6	17DQ6		Receiving beam pentode
17G2	17G2		Ballast tube
17H3	17H3		Miniature receiving diode
17HP7	17HP7		Cathode ray tube
17L6GT	17L7GT		Receiving beam power amplifier
17R5	17R5		Miniature beam power amplifier
17Z3	17Z3		Receiving booster diode (Dutch)
BL18	6632		See 6632
CE18A/B	CE18A/B	NU18A/B	Gas phototube
CE18B	CE18B		Gas phototube

Tube Type	Current Service Designation	Other Number	Class Description
CE18C	CE18C		Gas phototube
CE18D	CE18D		Gas phototube
CV18	2C34		See 2C34
CV18 (Br.)	2C34		See 2C34
G18T	G18T		Gas phototube
HV18	HF200		See HF200
M-18A	M-18A		Geiger-Mueller counter tube
MCC18	MCC18		TR-Shutter tube
NU18	NU18		Gas phototube
RBE-18A	6090		See 6090
RK18	RK18		Transmitting triode amplifier (discontinued)
SRX18	SRX18		Klystron, reflex
TT-18	TT-18		Chronotron-vacuum type relay
V18T	V18T		Vacuum phototube
18	18		Receiving power amplifier, pentode
18DZ8	18DZ8		Miniature triode pentode
18FW6	18FW6		Miniature pentode for broadcast receiver
18FX6	18FX6		Miniature pentagrid converters
18FY6	18FY6		Miniature duodiode triode
BL-19	BL-19		ATR tube
C19K	C19K		Charactron cathode ray tube
C19Q	C19Q		Charactron cathode ray tube
DET19	2C34		See 2C34
REL19	ZP436		Canadian designation for ZP436
RK19	RK19		Transmitting duodiode rectifier (discontinued)
SAC-19	SAC-19		CW amplifier klystron
SRX-19	SRX-19		Klystron
TD-19	TD-19		Subminiature voltage regulator
TE-19	TE-19		Ruggedized version of 2C50
19	19		Receiving twin triode amplifier (Type 1J6G characteristics)
19AQ5	19AQ5		Miniature power pentode, similar to 6AC5
19AU4	19AU4		Receiving damper diode for series TV, T-9, glass bulb, octal base
19AU4GT	19AU4		TV damping diode
19AU7GTA	19AU4GTA		TV damping diode, 19AU4 with higher
19BG6G	19BG6G		Receiving beam power amplifier
19BG6GA	19BG6G		Receiving beam power amplifier
19C8	19C8		Miniature triple diode triode
19CS4	19CS4		Receiving diode (British)
19D8	19D8		Receiving triode-heptode miniature (Canadian)
19DE7	19DES		Miniature double triode, dissimilar sections
19J6	19J6		Miniature medium mu twin triode

Tube Type	Current Service Designation	Other Number	Class Description
19T8	19T8		Miniature glass button triple diode triode
19TP22	19TP22		Tri-color cathode ray tube
19V8	19V8		Miniature double diode hi mu triode
19VP22	19VP22		"Colortron", cathode ray tube
19WP-----	19WP-----		Cathode ray tube, metal cone, electrostatic focus, electrostatic & magnetic deflection
19X3	19X3		Miniature half wave rectifier (Dutch)
19X8	19X8		Miniature receiving triode-pentode converter
19Y3	19Y3		Miniature half wave rectifier (Dutch)
BL20	BL20		TR tube, X band
CE20A/B	CE20A/B	NU20A/B	G phototube, obsolete, superseded by CE25
GE20X672	4B36		See 4B36
KR20	KR20		Receiving special detector
NU20	927		See 927
NU20C	927		See 927
REL20	REL20		Watson thyratron
RK20	804		Transmitting pentode amplifier (discontinued, replace with 804)
RK20A	RK20A	CK70	Transmitting pentode amplifier. Type RK20 (804) and RK46 characteristics)
SAC-20	SAC-20		Klystron amplifier, C bank
T-20	T-20		Transmitting triode amplifier, similar to 1623
TE-20	TE-20		Ruggedized version of 2C52
TG20	TG20		Spark gap
TT-20	TT-20		Chronotron-vacuum type relay
TUG20	TUF20		Transmitting or receiving VHF triode
TX-20	TZ-20		Transmitting triode amplifier-multiplier
U20	CV31		See CV31
20	20	01	Receiving triode amplifier (Obsolete)
20-4	20-4		Ballast tube
20AP1	20AP1	2532A20	Cathode ray tube. Obsolete, superseded by K-1019P1. Not directly interchangeable
20BP1	20BP1		Cathode ray tube
20J8	20J8		Receiving triode heptode converter (Canadian)
20X672	4B36		See 4B36
A21	A21		Therapy type HF triode
AR21	VR55 (Br.)		See VR55 (Br.)

Tube Type	Current Service Designation	Other Number	Class Description
AW21	AW21		Triode vacuum control tube (similar to 203A)
CE21A/B	CE21A/B		Phototube
CE21C	920		Phototube
CE21D	CE21D		Phototube
D21	3D21		See 3D21
G21	G21		Gas phototube
KY21	KY21		Thyratron
KY21A	KY21A		Thyratron
PJ21	PJ21		Triode vacuum control tube
REL21	V1507		See V1507
RK21	RK21		Diode vacuum rectifier (obsolete, nearest equivalent 836)
RX21	RX21		Diode gas rectifier (superseded by RX21A/RX21)
RX21A	RX21A/RX21		See RX21A/RX21
RX21A/RX21	RX21A/RX21	RX21A	Transmitting diode gas rectifier
RY21	RY21		Transmitting triode amplifier
SAC-21	SAC-21		Klystron amplifier
SRC21	SRC21		Klystron, reflex, waveguide output
T21	T21	RK49	Transmitting tetrode amplifier (similar to 6L6GX)
TB-21	6881		See 6881
TT-21	TT-21		Chronotron-vacuum type relay
VW21	VW21		Subminiature type diode
VX21	5799		See 5799
X-21	X-21		Velocity variation UHF oscillator
21-2	21-2		Ballast tube
21A6	21A6		Miniature button output pentode (Dutch)
21B6	21B6		Receiving beam power amplifier (French)
A22	A22		Receiving tetrode amplifier (obsolete)
AC22	AC22		Receiving tetrode amplifier (obsolete, nearest equivalent is 24A)
BL22	BL22		TR tube, X band
CE22A/B	CE22A/B	NU22A/B	Gas phototube, red-infrared sensitive
CE22C	CE22C		Gas phototube, red-infrared sensitive
CE22D	924		See 924
CE-22WB-AB	CE-22WB-AB		Phototube (without base)
CE22WB-S1	CE-22WB-S1		Phototube (without base)
D22	D22		Geiger-Mueller counter tube. Replace with MK1MOD10D
D22S	D22S		Special version of type D22
KR22	KR22		Receiving special detector
M22	M22		Geiger-Mueller counter tube
MPT22	8088		See 8088
NU22A/B	NU22A/B	CE22A/B	Gas phototube
PJ22	PJ22	V-9, WL734, CE1VC, 59AV, 59AV3, NU1V	Vacuum phototube

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Tube Type	Current Service Designation	Other Number	Class Description
REL22	REL22	REL. Special	Obsolete, Canadian number
REL22 SPECIAL	REL22		Obsolete, Canadian number
RK22	3B23		See 3B23
SAX- 22	SAX22		Klystron, X band, pulsed
TD22	6782		See 6782
TT- 22	TT- 22		Chronotron-vacuum type relay
V- 22	V- 22		Klystron, CW tunable
V- 22H	V- 22H		Klystron, CW tunable
X- 22	X22/8D		Klystron
22	22	3222, SE3222, X222 CK322, VT- 26	Receiving tetrode amplifier (obsolete)
22- 4	22- 4		Ballast tube
22AP1	22AP1		Cathode ray tube
22CP-----	22CP-----		Cathode ray tube, magnetic deflection and focus
22DP-----	22DP-----		Cathode ray tube, electrostatic focus, magnetic deflection
CE23A/B	CE23A/B		Phototube, replaced by 923
CE23C	CE23C		Gas phototube, replaced with 923
CE23D	CE23D		Gas phototube, replaced with 923
E23	E23		Thyratron
K23B	K23B		Ballast tube
KU23	KU23	NU300	Transmitting triode amplifier
L23	L23		Ceramic, small, signal amplifier
MPT-23	BL-T-041/8060/ MPT23	BL-T-041, 8060	See BL-T-041/8060/MPT23
NU23	NU23		Gas phototube
PJ23	868		See 868
REL23	REL23		Canadian number
RK23	RK23		Transmitting pentode amplifier oscillator-ceramic base
SAK23	SAK23		Klystron
TD- 23	6882		See 6882
V- 23	V- 23		Klystron oscillator, tunable
X- 23	X- 23		Klystron
23-55A	23-55A		Ballast tube
23D4	23D4		Ballast tube
BL24	BL24		Duplexer (TR and ATR complete)
CE24C	CE24C		Obsolete phototube
HK24	HK24	25T, 3-25A3/25T	Transmitting triode amplifier
HK24G	3C24	VT-204	See 3024
HY24	HY24	RX24	Transmitting triode amplifier
K24	K24		Receiving screen grid RF amplifier
KU24	KU24		Hydrogen Thyratron
MPT24	BL-T-059/8061/ MPT24	BL-T-059, 8061	See BL-T-059/8061/MPT24
RK24	RK24	HY24	Receiving and transmitting triode amplifier (obsolete)
SRC24	SRC24		Velocity variation UHF oscillator- klystron

Tube Type	Current Service Designation	Other Number	Class Description
TD-24	6852		See 6852
TT-24	TT-24		Chronohm timing tube with negative coefficient of resistance
TW24D	TW24D		Traveling wave tube
V-24B	V-24B	X-24/XA	Klystron power amplifier, pulsed fixed frequency
VG24G	VG24G		Transmitting-Special purpose tube, obsolete
X-24/XA	V-24B		See V-24B
24	24	224, VT-28	Superseded by 24A
24A	24A	3924, 124, 124A, 424A, VT-28	Receiving tetrode amplifier (similar to 35/51)
24G	24G		Receiving tetrode amplifier. Obsolete, use 24A
24S	24S		Receiving tetrode amplifier
ATS25	807		See 807
B25	5622		See 5622
BK25B	BK25B		Ballast tube
BL25	6322		See 6322
CE25A	CE25A/B		See CE25A/B
CE25A/B	CE25A/B	CE25A	Gas phototube
CE25C	927		See 927
CE25C/B	927		See 927
CE25D	927		See 927
CE25L	CE25L		Phototube
CE25V	CE25V		Gas phototube, see CE25A/B, CE25C, CE25D
CE-B25-V	CE-B25-V		Mechanically improved CE-25V
CV25	CV25	4242A	Transmitting modulator RF amplifier (British)
D25	2E25		See 2E25
FT25	FT25		Strotron
HY25	HY25		Transmitting triode amplifier
KR25	KR25		Receiving pentode power amplifier (Nearest equivalent 2A5)
KU25	8474/KU25		See 8475/KU25
L-25	L-25		Planar tetrode
NU25A/B	NU25A/B	CE25A/B	Gas phototube, see CE25C and CE25D
NU25C	927		See 927
PEN-25	CV65		See CV65
REL25	12DP8		See 12DP8
RK25	RK25		Transmitting pentode amplifier oscillator. Ceramic base. Obsolete. Nearest equivalent 802.
RK25A	RK25A		Discontinued, see RK25 and RK25B
RK25B	RK25B		Similar to RK25 except for phenolic base. See RK25.
S25A	CV16		See CV16
SOS-25	SOS-25		Klystron (diathermy)
TG25	TG25		Spark gap tube

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Tube Type	Current Service Designation	Other Number	Class Description
TRG-25	TRG-25		Spark gap tube
TT-25	6361		See 6361
VT25 (Br.)	VT25 (Br.)	AT35, 10E/7312, CV1362	Transmitting triode amplifier (British)
VT25A	VT25A	10 Special, 25A, 2C25	Transmitting triode amplifier-oscillator (similar to 10Y)
WT25	WT25		Triode vacuum control tube
25-4	25-4		Ballast tube
25-258	1B5/25S		See 1B5/25S
25A	VT25A		See VT25A
25A6	25A6		Receiving pentode amplifier (obsolete, see 25A6GT)
25A6G	25A6GT		See also 25A6GT
25A6GT	25A6GT	25A6GT/G	Receiving pentode amplifier
25A6GT/G	25A6GT		See 25A6GT
25A6MG	25A6MG		Obsolete, equivalent to 25A6 and 25A6GT/G
25A7G	25A7G		Receiving diode rectifier, pentode amplifier. Obsolete
25A7GT	25A7GT	25A7GT/G	Receiving diode rectifier, pentode amplifier. Obsolete
25A7GT/G	25A7GT		See 25A7GT
25AC5G	25AC5G		Receiving triode amplifier. See 25A05GT
25AC5GT	25AC5GT	25AC5GT/G	Receiving triode amplifier
25AC5GT/G	25AC5GT		See 25AC5GT
25AU4GT	25AU4GT		Damper diode (British)
25AV5GA	25AV5GT		Beam power amplifier
25AV5GT	25AV5GT		Receiving beam power amplifier
25AX4GT	25AX4GT		Half wave hi vacuum rectifier
25AX4GTA	25AX4GTA		Half wave hi vacuum rectifier
25B5	25B5		Receiving twin triode direct coupled amplifier (obsolete)
25B6	25B6		Receiving pentode amplifier (obsolete)
25B6G	25B6G		Receiving pentode amplifier (obsolete)
25B6GT	25B6GT		Receiving pentode amplifier (obsolete)
25B8GT	25B8GT		Receiving triode pentode-obsolete (type 12B8GT characteristics)
25BK5	25BK5		Miniature beam power pentode
25BQ6GA	25BQ6GA		Receiving beam pentode for TV applications
25BQ6GA/25CU6	25BQ6GA/25CU6		See 25BQ6GA
25BQ6GT	25BQ6GT		Receiving beam pentode
25BQ6GTB/25CU6	25BQ6GTB/25CUY6		25BQ6GA in T-9 envelope
25C5	25C5		Receiving beam pentode, miniature. See also 50C5
25C6G	25C6G		Receiving pentode amplifier (Type 6Y6G characteristics) obsolete
25C6GA	25C6GA		Receiving beam power amplifier

Tube Type	Current Service Designation	Other Number	Class Description
25CA5	25CA5		Miniature receiving beam pentode, similar to 6CA5
25CD6G 25CD6GA	25CD6G 25CD6GA		Receiving beam power amplifier 25CB6G with controlled heater warm up characteristics
25CD6GB	25CD6GB		25CD6G with higher ratings, similar to 25BC6
25CR5	25CR5		Miniature receiving beam power amplifier. See also 6CR5 (Canadian)
25CU6	25CU6		Receiving beam power amplifier, see also 6CU6 and 12CU6
25D4	25D4		Receiving half wave rectifier same as 12D4 except heater
25D5	25D5		Beam power amplifier. Obsolete
25D8GT	25D8GT		Receiving diode triode pentode
25DN6	25DN6		Receiving beam power amplifier
25DQ6	25DQ6		Receiving beam power amplifier
25DT5	25DT5		Miniature beam power tube for TV vertical deflection
25E5	25E5		Receiving beam power amplifier (Canadian)
25EC6	25EC6		Receiving beam pentode T12 envelope Similar to 25CD6-GB
25EM5	25EM5		Miniature power pentode
25F5	25F5	VT-201	Miniature receiving beam power tube
25L6	25L6		Receiving pentode amplifier (obsolete, replace with 25L6GT).
25L6G	25L6G		Replace with 25L6GT
25L6GT	25L6GT	VT-201C, 25L6GT/G	Receiving pentode amplifier
25L6GT/G	25L6GT		See 25L6GT
25L7GT	25L7GT	25L7GT/G	Receiving pentode amplifier diode rectifier (obsolete)
25L7GT/G	25L7GT		Receiving pentode amplifier diode rectifier (obsolete)
25N6G	25N6G		Receiving twin triode amplifier- Obsolete
25Q6GT	25Q6GT		Beam pentode
25R	25R	2-25A/25R	Transmitting diode vacuum rectifier
25S	1B5/25S		See 1B5/25S
25S25	1B5/25S		See 1B5/25S
25SQ7GT	25SQ7GT		Receiving double diode triode, T-9 envelope
25T	HK24		See HK24
25TG	3C24		See 3C24
25U4GT	25AU4GT		Half wave rectifier tube (British)
25W4GT	25W4GT		Receiving rectifier, half wave. Obsolescent
25W6GT	25W6GT		Receiving beam power amplifier

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Tube Type	Current Service Designation	Other Number	Class Description
25X6GT	25X6GT		Receiving duodiode rectifier doubler (similar to 25Z6GT/G)
25X4	25X4		Receiving diode rectifier
25Y4GT	25Y4GT		Receiving diode rectifier (similar to 25Z4)
25Y5	25Y5		Receiving duodiode rectifier doubler (nearest equivalent is 25Z5)
25Z3	25Z3		Receiving diode rectifier. Obsolete
25Z4	25Z4		Receiving diode rectifier. Obsolete (similar to 25Y4GT)
25Z5	25Z5		Receiving duodiode rectifier doubler (nearest equivalent is 25Y5)
25Z5MG	25Z6MG		See 25Z6MG
25Z6	25Z6		See 25Z6GT replace with 25Z6GT
25Z6G	25Z6G		Replace with 25Z6GT
25Z6GT	25Z6GT	25Z6GT/G	Receiving duodiode rectifier doubler (similar to 25X6GT)
25Z6GT/G	25Z6GT		See 25Z6GT
25Z6MG	25Z6MG	25Z5MG	Obsolete; equivalent to 25Z6 and 25Z6GT/G
25Z6WGT	25Z6WGT		Ruggedized version of 25Z6GT. Not directly interchangeable. See 5839
BL26	6566		See 6566
CE26	CE26	NU26	Phototube (same as CE3 except in basing) See 1P33
CE26D	1B33		See 1P33
CV26	CV26		Transmitting tetrode
MPT26	7309/MPT26	BL693	See 7309/MPT26
MXK26	X-13		See X13
NU26	NU26	CE26	Phototube. Obsolete
QK26	707B		See 707B
SAC26	SAC26		Klystron
SRC26	SRC26		Klystron, reflex
TT-26	TT-26		D-C convector, Y type
X-26B	X-26B		Reflex klystron oscillator 6.3-7.5 KMc
X-26D	X-26D		Reflex klystron oscillator, 5.8-7.125 KMc
X-26E	X-26E		Reflex klystron oscillator, 5.3-6.6 KMc
X-26F	X-26F		Reflex klystron oscillator, 5.3-6.3 KMc
26	26	126, 326, UX226, 226	Receiving triode amplifier
26A5	26A5		Miniature tetrode (beam power) amplifier
26A6	26A6	A4465E	Miniature 6SG7 RF pentode amplifier
26A7GT	26A7GT		Receiving twin pentode amplifier
26B6	26B6		Obsolete, superseded by 26D6
26BK6	26BK6		Miniature duo-diode triode
26C6	26C6	A4454	Miniature 6SR7 duplex diode triode

Tube Type	Current Service Designation	Other Number	Class Description
26CG6	26CG6		Miniature receiving pentode, remote cut off
26D6	26D6		Miniature 6SA7 pentagrid converter
26E6G	26E6G		Receiving beam power amplifier
26E6WG	26E6WG		Receiving beam power amplifier (ruggedized)
26Z5	26Z5		Miniature twin diode rectifier
26Z5W	26Z5W		Ruggedized version of 26Z5
BL-27	6334		See 6334
D-27	6AL5		See 6AL5
FG-27A	FG27A		Thyratron, mercury
HK27	HK27		Receiving VHF beam pentode
MXT-27	BL651H/MXT27		See BL651H/MXT27
HV27	HV27/T822		See HV27/T822
HV27/T822	HV27/T822	HV27, T822	Transmitting triode amplifier
K27	27		See 27
SMS-27	SMS27		Klystron multiplier
TT-27	TT-27		Single DC convector
V-27	V-27		Klystron amplifier
V-27B	V-27B		Klystron amplifier, two resonator type
27	27	3373, DE1, K27, 127, UY227, 227, 327, VT-29	Receiving triode detector amplifier (similar to 56)
27A	27A		Type 27 with low current filament (discontinued, see 27)
27HM	27HM		Receiving triode detector amplifier (obsolete)
27M3	27M3		Photomultiplier-(British)
27S	27S		Receiving triode detector amplifier (similar to 27)
A28	A28		Receiving triode detector amplifier
BL28	6568/BL28		See 6568/BL28
CE28A/B	CE28A/B		Gas phototube
CE28C	CE28C		Gas phototube
CE28D	928		See 928
CV28	CV28		Transmitting triode amplifier (British)
CW28	CW28		Therapy type triode (inactive)
D28	6AQ6		See 6AQ6
KR28	84/6Z4		See 84/6Z4
QK28	2K28		See 2K28
RK28	RK28		Transmitting pentode amplifier
RK28A	803		See 803
SAS-28	SAS28		Klystron, CW amplifier
V-28	V-28	X28	Klystron oscillator
28A	803		See 803
28D7	28D7		Receiving lock-in type double beam power amplifier
28D7W	28D7W		Ruggedized version of 28D7

Tube Type	Current Service Designation	Other Number	Class Description
28Z5	28Z5		Receiving lock-in type duodiode rectifier
BK29B	BK29B		Ballast tube
BK29D	BK29D		Ballast tube
BL29	BL29		Crossed guide duplexer
CE29A/B	CE29A/B		Phototube
CE29C	CE29C		Phototube
CE29D	CE29D		Phototube
CV29	CV29	E1235	Transmitting UHF triode (British)
FG29	FG29		Thyratron. Superseded by GL44
GL-29H1	EP-GL29H1		FM counter tube.
GLM29L1	EP-GL29L1		GM counter tube.
L29	6299		See 6299
REL29	REL29		Canadian number
SAC29	SAC29		Klystron amplifier
TG29	TG29		Spark gap tube
VU29	VU29	10E/8087	Diode gas rectifier (British)
29	29		Receiving special detector
A30	A30		Receiving power amplifier triode
BRITISH VT30	T250		See T250
CE30	CE30	NU30, 930	Phototube (similar to CE15)
CE30C	930		See 930
CE30V	CE30V		Phototube
CV30	CV30	4270A	Transmitting modulator RF amplifier (British)
HD30	3B4		See 3B4
HY30Z	809		See 809
L30C	2C38		See 2C38
L-30-P	2C41		See 2C41
MCT30	MCT30/BL352A	BL352A	TR tube with shutter
NU30	NU30	CE30	Phototube
NU30Z	809		See 809
QK30	QK30		Pirani bulb ionization manometer
REL30	REL30	1B24	Obsolete, Canadian number, see 1B24
RK30	800		See 800 (RK30 discontinued, replace with 800)
RW30	RW30		Obsolete (similar to 218 and CG1861)
SAX-30	SAX30		Klystron amplifier
TE-30	6531		See 6531
TWIN 30	Twin 30		Transmitting twin triode amplifier
30	30	3872, 330, 230, 130 SE3872, VT-27	Receiving triode detector amplifier
30A5	30A5		Miniature output pentode (Canadian)
30BP4	30BP4		Television picture tube
30 SPECIAL	VT67		See VT67 (Not type 30)
30Z	809		See 809
BL31	6637		See 6637
CE31A/B	CE31A/B		Phototube
CE31C	CE31C		Phototube
CE31D	CE31D		Phototube

Tube Type	Current Service Designation	Other Number	Class Description
CE31V	919		See 919 (Type CE11V cathode at top)
CE31VD	919		See 919
CV31	CV31	U20	Transmitting duodiode rectifier (British)
HY31	8354/HY31		See 8354/HY31
HY31Z	HY31Z/HY1231Z		See HY31Z/HY1231Z
HY31Z/HY1231Z	HY31Z/HY1231Z	NU31Z, HY31Z, HY1231Z	Transmitting twin triode amplifier-modulator-multiplier
KR31	KR31		Receiving diode rectifier
NU31V	919		See 919
NU31Z	HY31Z/HY1231Z		See HY31Z/HY1231Z
REL31	REL31		F. C. M. similar to 723A/B (Canadian)
RK31	RK31		Transmitting triode amplifier (discontinued)
SMK-31	SMK31		Klystron multiplier
TE-31	7311		See 7311
VT31 (Br.)	VT31 (Br.)	536, ATS250, 10E/8739, CV1031	Transmitting tetrode amplifier
31	31	231, QK264, VT-31	Receiving triode power amplifier
31SBP2	4QP2		See 4QP-----
A32	A32		Receiving triode amplifier
BL32	BL32		TR tube. Special 1B24A
CE32A/B	CE32A/B		Vacuum phototube
CE32C	CE32C		Vacuum phototube
CE32D	CE32D		Vacuum phototube
CV32	866A		See 866A
CV32 (Br.)	866A		See 866A
EL32	VT52 (Br.)		See VT52 (Br.)
FG32	FG32	5558 /FG-32, 5558	Diode gas rectifier
GE NE32	CE NE32		1 watt neon lamp, 105-125V, G10 bulb
REL32	REL32	BM313	F. C. M. magnetron, obsolete (Canadian)
RK32	RK32		Transmitting triode amplifier (discontinued)
SMX-32	SMX32		Klystron multiplier
TE-32	7312		See 7312
T32P1	T32P1		Cathode ray tube, electrostatic deflection and focus (Tektronix)
VW32	VW32		Subminiature type low mu triode
VX-32	5802		See 5802
VX32B	5802		See 5802
32	32	3873, 232, SE3873, VT-44	Receiving tetrode amplifier (similar to 34)
32E	932		See 932
32ET5	32ET5		Miniature audio pentode
32L7GT	32L7GT		Receiving diode rectifier, pentode amplifier (obsolete)

Tube Type	Current Service Designation	Other Number	Class Description
CE33	CE33	NU33	Phototube (type CE13 with cathode at top)
CV33	CV33	4077A	Diode gas rectifier (British)
EBC33	VR55 (Br.)		See VR55 (Br.)
FG33	FG33		Thyratron, mercury
NU33	NU33	CE33	Phototube
QK33	2K33		See 2K33
REL33	12HP3		See 12HP3
REL33A	12HP1		See 12HP1
RK33	2C21		See 2C21
SAC-33	SAC33		Klystron, CW amplifier
TG-33	TG-33		Spark Gap
MXT-33	MA342		See MA342
V-33	V-33		Klystron oscillator, 8.2 to 15 KMc
VX-33	VX-33		Subminiature triode. Replaced by 5801
VX33A	5801		See 5801
33	33	VT33, 333	Receiving pentode power amplifier
33NOP11	33NOP11		3 inch cathode ray tube, 3 guns, electrostatic focus and deflection
ARP34	VR53 (Br.)		See VR53 (Br.)
BL34	BL34		TR Tube
EL34	6CA7		See 6CA7
EM34	6CD7		See 6CD7
ER34	VR54 (Br.)		See VR54 (Br.)
HD34	HD34		Receiving miniature beam amplifier
REL34	2C40		See 446 and 2C40
RK34	2C34	VT-224	See 2C34
TD34	7148		See 7148
TE34	7314		See 7314
V-34	V-34		Klystron, reflex integral cavity type
X-34	X-34		Klystron, tunable version of X-13
XA-34	6047		See 6047
34	34	VT54, 234, 334	Receiving RF pentode, remote cut off
34XH	3AP1		See 3AP1
ARP35	ARP35	VR91 (Br.) EF50 (MUL)	Receiving RF pentode amplifier (British)
AT35	VT25 (Br.)		See VT25 (Br.)
BL35	6560		See 6560
REL35	2B27		See 2B27
RK35	RK35		Transmitting type triode amplifier
SAC35	SAC35		Klystron amplifier
TB35	3D23		See 3D23
TE35	6582		See 6582
UH35	UH35		Transmitting type triode amplifier
35	35	4465, 551, 35/51	Receiving type tetrode amplifier (similar to 24A)
35-25	35-25		Ballast tube
35/51	35	VT-35	See 35
35A3	35A3		Miniature receiving half wave rectifier (Italian)

Tube Type	Current Service Designation	Other Number	Class Description
35A5	35A5		Receiving lock-in type pentode amplifier
35A5LT	35A5LT		Obsolete
35B5	35B5		Miniature beam power amplifier (35L6GT characteristics)
35C3	35C3		Miniature half wave hi vacuum rectifier (Canadian)
35C5	35C5		Miniature beam power pentode
35CD6GA	35CD6GA		Beam power amplifier
35D5	35D5		Miniature beam power pentode
35L6G	35L6G		See 35L6GT
35L6GT	35L6GT	35L6GT/G	Receiving pentode amplifier
35L6GT/G	35L6GT		See 35L6GT
35R	35R	2-50A/35R	Transmitting diode vacuum rectifier
35S	35S/51S		See 35S/51S
35S/51S	35S/51S	551S, 35S, 51S	Type 35/51 with spray shield (obsolete; replace with 35 and shield)
35T	35T	3-50A4/35T	Transmitting type triode amplifier
35TG	35TG	3-50D4/35TG	Transmitting type triode amplifier. Nearest equivalent is 4C25(HK54)
35W4	35W4		Miniature version of 35Z5GT
35Y4	35Y4		Receiving lock-in type diode rectifier
35Z3	35Z3	35Z3LT	Receiving lock-in type diode rectifier
35Z3LT	35Z3		See 35Z3
35Z4	35Z4		Use 35Z4GT
35Z4GT	35Z4GT		Receiving diode rectifier
35Z5G	35Z5G		Replace with 35Z5GT
35Z5GT	35Z5GT	35Z5GT/G	Receiving diode rectifier
35Z5GT/G	35Z5GT		See 35Z5GT
35Z6G	35Z6G		Receiving duodiode rectifier
BL36	BL36		ATR tube, fixed tuned
CE36C	CE36C	19210	Gas phototube (similar to 927, except shorter in base)
CE36D	CE36D		Gas phototube
E36	E36	5956/E36	Hydrogen thyratron, oil immersed, see also 5956/E36
EF36	VR56 (Br.)		See VR56 (Br.)
L36D	L36D		Ballast tube
QK36	3B26		See 3B26
REL36	REL36		Grounded grid acom type (Canadian)
RK36	100TL		See 100TL
SAL-36	SAL-36		Klystron
SMC-36	SMC-36		Klystron multiplier
SRC36	SRC36		Klystron
TD36	TD36		Gas diode
TE36	6754		See 6754
TG36	TG36	MDS105	Spark Gap
V-36	V36		Klystron
36	36	4610, 36A, 236, VT-36	Receiving tetrode amplifier (similar to 39/44)

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Tube Type	Current Service Designation	Other Number	Class Description
36A	36		See 36
36AM3	36AM3		Miniature current limiting diode
BL37	6633		See 6633
CE37	CE37		Gas phototube
E-37	5957/E-37		See 5957/E-37
E37A	E37A		Hydrogen thyratron, similar to 4C35
HA37D	8305		See 8305
REL37	12HP7		See 12HP7
RK37	RK37		Transmitting triode amplifier (obsolete)
RL37	CV66		See CV66
RN37	CV66		See CV66
TE-37	TE-37		Klystron, integral cavity
37	37	4611, 37A, 337, VT-37	Receiving triode detector amplifier (similar to 76)
37-4	37-4		Ballast tube
37A	37		See 37
BL38	6228		See 6228
BL38A	BL38A		ATR tube, fixed tuned
CE38	CE38		Gas phototube
CV38	CV38	E1198, REL3C, 315B, UK3108	Transmitting UHF oscillator (British)
E38	8370		See 8370
EL38	6CN6		See 6CN6
MST38	8099		See 8099
REL38	REL38	1923	Spark gap modulator (Canadian)
REL38A	CV85		See CV85
REL38B	CV100		See CV100
REL38C	CV125		See CV125
REL38D	REL38D		Special based 2027 spark gap modulator (Canadian)
RK38	RK38		Transmitting triode amplifier oscillator (similar to 100TH, 4C22/HF100 and HK254)
SRV-38	SRV-38		Reflex klystron oscillator, output power 30 mu
TD38	8151		See 8151
TE-38	6584		See 6584
V-38	X38		Klystron oscillator, S band
X38	X38		Klystron oscillator
38	38	4612, 38A, 338, VT-38	Receiving pentode amplifier
38A	38		See 38
38A3	38A3		Miniature receiving single anode rectifier (Canadian)
BL39	BL39		TR tube, special 1B63A
CE39	CE39		Gas phototube
EF39	VR53 (Br.)		See VR53 (Br.)
REL39	REL39		Canadian 6AC7 selected for microphonics

Tube Type	Current Service Designation	Other Number	Class Description
RK39	RK39		Transmitting pentode amplifier (similar to 807 except for capacitances)
SAL-39 SAL-39A	SAL-39 SAL-39A		Klystron, tunable, pulsed, air cooled Klystron, SAL39 with increased power for cw or pulse service
TD39	7999		See 7999
TE-39	6116		See 6116
V-39	V39		Reflex klystron oscillator
X-39B	V39A		Reflex klystron oscillator, 10-15.5 KMc with flying leads
V-39C	V39C		Reflex klystron oscillator, 10-15.5 KMc with 3 pin base
WE39DY1 X39 39 39/44	39DY1 X39 39/44 39/44	VT-142 444 44, 239, 39, VT-49	See 39DY1 Reflex klystron Obsolete, superseded by 39/44 Receiving pentode amplifier (similar to 36)
39DY1 A40 BL40 CE40 E40 HX40	39DY1 A40 BL40 CE40 5958/E40 HX40	WE39DY1	Transmitting triode UHF oscillator Receiving power amplifier triode ATR tube Phototube See 5958/E-40
HY40Z	HY40Z	NU40T	Transmitting triode amplifier oscillator-modulator
L40C L40CT NU40T	L40C L40CT NU40T	NU40TZ	Transmitting triode amplifier modulator-multiplier (similar to NU40TZ). Use 5514
L40C L40CT NU40T	L40C L40CT NU40T	NU40T, T40	Ballast tube Ballast tube Transmitting triode amplifier modulator
NU40TZ	NU40TZ	HY40Z, NU40TZ	Transmitting triode amplifier modulator-multiplier
REL40 SMK-40 T40 TD40 TE-40 TZ40	REL40 SMK40 T40 8152 6888 TZ40	NU40T NU40TZ, 10E/11534 VT-76 (Br.), RK11	Cathode ray tube (Canadian) Klystron, output power 600 m. watts Transmitting triode amplifier See 8152 See 6888 Transmitting triode (nearest equivalent British VT76, 10E/11534 and DA41)
V-40 V-40B	V40 V40B		Reflex klystron oscillator Reflex klystron oscillator, 15-21 KMc, flying leads
V-40C	V40C		Reflex klystron oscillator, 15-21 KMc, with 3 pin base
40 40-6D	40 40-6D	UX240, 240 WL435, 440, VT-40	Receiving triode amplifier (obsolete, similar to 12A/112A) Ballast tube (superseded by 40-6E)

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Tube Type	Current Service Designation	Other Number	Class Description
40-6E	40-6E		Ballast tube
40B2	40B2		Ballast tube, constant current
40Z5GT	45Z5GT		See 45Z5GT
40Z5/45Z5GT	45Z5GT		See 45Z5GT
BL41	BL41		ATR tube
CE41	CE41C		Gas phototube. (See CE41C)
CE41C	CE41C	CE41	Gas phototube (similar to 921)
E41	5959/E-41		See 5959/E41
EBC41	6CV7		See 6CV7
FG41	FG41		Thyratron, mercury
REL41	REL41		Canadian 6AC7 selected for microphonics
RK41	RK41		Transmitting tetrode amplifier (discontinued) (similar to Type RK39, 807)
SAC-41	SAC41		Klystron, cw amplifier, power output 10 watts
TD41	8030		See 8030
VW41	VW41		Subminiature type electrometer tetrode
VX-41	5800		See 5800
VX41A	5800		See 5800
VX41A-C	VX41A-C		VX41A in a plastic sleeve
X41/KR	X41/KR		K band reflex oscillator klystron
41	41	VT48	Receiving pentode amplifier (similar to 6K6G, 42, 6B5)
41HAP series	41HAP-----		4 inch, single gun cathode ray tube, electrostatic focus and deflection
41WHP7	4NP-----		See 4NP-----
CE42	CE42		Vacuum phototube
CE42C	CE42C		Vacuum phototube (similar to 922)
E-42	6130		See 6130
EAF42	6CT7		See 6CT7
EB-42	EB-42		See 857A, 857B
ECH42	6CU7		See 6CU7
K42A	K42A		Ballast tube
K42B	K42B		Ballast tube
K42C	K42C		Ballast tube
KU-42	6130		See 6130
L42B	L42B		Ballast tube
M-42A	M-42A		Ballast tube
REL42	CV90		See CV90
RK42	RK42		Receiving triode amplifier, similar to type 30 and 106GT
SAC-42	8361		See 8361
T42V4	T42V4		Noise source (Tucor)
TD42	8031		See 8031
V-42B	V42B		Klystron amplifier, three resonator type. 475-425 Mc.

Tube Type	Current Service Designation	Other Number	Class Description
V-42C	V42C		Klystron amplifier, three resonator type. 890-960 Mc.
42	42	10E/333	Receiving pentode amplifier (similar to 6F6G, 41)
42A	42A		Ballast tube. Obsolete. Use 3-40
42A1	42A1		Ballast tube
42A2	42A2		Ballast tube
42A/79	42A/79		Ballast tube
42B2	42B2		Ballast tube
BL43	6304		See 6304
REL43	9MP9		See 9MP9
RK43	RK43		Receiving twin triode amplifier
TD43	8287		See 8287
43	43		Receiving pentode amplifier (Type 25A6G characteristics)
43MC	25A6		See 25A6
43MG	43MG		Obsolete, equivalent to 43
BL44	BL44		TR tube, similar to 1B63A
QK44	QK44		Packaged magnetron
REL44	CV129		See CV129
RK44	837		See 837
T44L6C	8341		See 8341
T44L11D	T44L11D		Gas noise source (Tucor)
T44S7A	7154/T44S7A		See 7154/T44S7A
T44S15	T44S15	LR2000	Gas noise source (Tucor)
TD44	7988		See 7988
44	39/44		See 39/44
BL45	BL45		ATR tube
CV45	CV45		Voltage regulator (British)
GE45X674	38674		See 38674
HP-45B	HP-45B	1941-0006	Thyratron (Hewlett Packard)
H45	3C45		See 3C45
KL45	KL45		Ballast tube
M-45B-7	M-45B-7		Corona voltage regulator
M-45C-10	M-45C-10		Corona voltage regulator
M-45C-12	8206		See 8206
REL45	12FP7		See 12FP7
RK45	RK45		Transmitting pentode amplifier
SAC-45	SAC-45		Klystron
SAC-45A	SAC-45A		Klystron amplifier
SAC-45C	SAC-45C		Klystron
TE45	6853		See 6853
V-45	V-45		Klystron multiplier, X band
45	45	3921, UX245, MX245, 245, 345, VT-45	Receiving triode amplifier (similar to 2A3)
45-072-01	45-072-01		Noise source (Tucor)
45A	45A		Receiving power amplifier triode
45B5	45B5		Receiving power pentode-(Canadian)
45 SPECIAL	38142	VT-52	See 38142
45X674	38674		See 38674. Use 6C

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Tube Type	Current Service Designation	Other Number	Class Description
45Z3	45Z3	R6130	Miniature diode rectifier
45Z5GT	45Z5GT	40Z5/45Z5GT, 40Z5GT	Receiving diode rectifier
B46	5624		See 5624
BL46	6639		See 6639
CE46	CE46		Phototube
LM46	LM46		Neon bulb. Equivalent to NE-16
QK46	6003		See 6003
REL46	CV16		Obsolete, Canadian number; see CV16
RK46	RK46		Transmitting pentode amplifier (Type RK20A characteristics, except for filament)
SAC-46	8315		See 8315
V-46	V46		Klystron
46	46	VT63	Receiving dual grid triode amplifier
46A1	46A1		Ballast tube
46B1	46B1		Ballast tube
B47	5623		See 5623
BL47	BL47		TR tube, fixed tuned
CE47	CE47		Phototube
QK47	2J55		See 2J55
REL47	CV58		See CV58
RK47	814		See 814
SAC-47	SAC-47		Pulsed amplifier klystron
47	47	PZ, 247, 447, VT-47	Receiving pentode power amplifier
A48	A48		Receiving triode detector amplifier
CE48	1P34		See 1P34
ESM-48	ESM-48		Magnetron
MXT-48	8330		See 8330
NR48	VR55 (Br.)		See VR55 (Br.)
REL48	CV82		See CV82
RK48	RK48		Obsolete; see RK48A/RK48
RK48A	RK48A/RK48		See RK48A/RK48
RK48A/RK48	RK48A/RK48	257, RK48A	Transmitting tetrode amplifier (similar to 814)
STL-48	STL-48		Traveling wave tube
T48U14	T48U14		Gas noise source (Tucor)
T48U27	T48U27		Gas noise source (Tucor)
T48V1D	T48V1D		
48	48	348	Receiving tetrode power amplifier (obsolete)
CE49	CE49		Phototube
CV49	CV49	3B/501A, HK54	Transmitting UHF triode (British)
K49B	165R4		See 165R4
MXT-49	8331		See 8331
K49C	165R8		See 165R8
K49-B	K49C-B		Ballast tube
NR49	VR56 (Br.)		See VR56 (Br.)
REL49	CV88		See CV88
RK49	RK49	WE350A, T21	Transmitting tetrode amplifier, Ceramic base

Tube Type	Current Service Designation	Other Number	Class Description
T49	T49		2-volt 60 ma dial lamp (not a tube)
TD49	8401		See 8401
UE49	849		See 849
49	49		Receiving dual grid triode amplifier (similar to 1F4, 19, L16G)
49A1	49A1		Ballast tube
49A2	49A2		Ballast tube
49B2	49B2		Ballast tube
BL50	BL50		Magnetron, fixed tuned
BM-50	BM-50		Magnetron, pulsed
CE50	CE50	NU50	Phototube
EA50	VR92 (Br.)		See VR92 (Br.)
EF50 (MUL.)	VR91 (Br.)		See VR91 (Br.)
EF50 (US)	VR91A (Br.)	VT-250	See VR91A (Br.)
FB50	896		See 896
FP50	FP50		Ballast tube
GK50	5C22		See 5C22
HD50	3C30		See 3C30
HZ50	12Z3		12Z3
NU50	NU50	CE50	Phototube
QK50	5C22		See 5C22
REL50	CV95		See CV95
SR50	SR50		Vacuum phototube
TD50	7990		See 7990
TG50	TG50		Spark gap
UH50	UH50	3-50G2/UH50	Transmitting UHF triode amplifier (nearest equivalent is 834)
V-50	V-50		Klystron, integral cavity, tuner, wave guide output.
50	50	585, 3871, UX250, 350 450, VT-50	Receiving triode amplifier
50A1	50A1		Ballast tube
50A2	165R8		See 165R8
50A5	50A5		Receiving lock-in type tetrode amplifier
50AX6G	50AX6G		Full wave rectifier
50AX6GT	50AX6GT		Full wave rectifier
50B2	165R4		See 165R4
50B5	50B5	A4388	Miniature version of 50L6GT
50BK5	50BK5		Miniature beam pentode. Same as 6BK5 except IF-150mA, EF-50V, IF-150mA
50BM8	50BM8		Receiving triode pentode (Canadian)
50C5	50C5		Miniature beam power pentode
50C6G	50C6G		Receiving triode amplifier - Equivalent to 50L6GT (Type 6Y6G characteristics)
50CA5	50CA5		Receiving beam power pentode
50CD6G	50CD6G		Beam power amplifier (British)
50DC4	50DC4		Miniature half wave rectifier

Tube Type	Current Service Designation	Other Number	Class Description
50EH5	50EH5		Miniature power pentode
50L6G	50L6G		Receiving pentode amplifier
50L6GT	50L6GT		Receiving pentode amplifier (Type 25L6GT characteristics)
50T	50T		Transmitting triode amplifier
50X6	50X6		Receiving lock-in type rectifier
50XST	185P8		See 185P8
50Y6GT	50Y6G		See 50Y6GT; replace with 50Y6GT
50Y6GT	50Y6GT	50Y6GT/G	Receiving duodiode rectifier doubler (similar to 50Z6G, 25Z6GT)
50Y6GT/G	50Y6GT		See 50Y6GT
50Y7CT	50Y7GT		Receiving, full wave rectifier
50Z6G	50Z6G		Receiving duodiode rectifier doubler (similar to 50Y6GT)
50Z7G	50Z7G		Receiving duodiode rectifier doubler (obsolete, similar to 50Y6GT)
BL51	BL51		TR tube
CV51	CV51	E1320	Electron ray tuning indicator (British)
HD51	OA2		See OA2
HY51A	HY51A	NU51A	Transmitting triode amplifier (Type HY51B characteristics)
HY51B	HY51B		Transmitting triode amplifier (Type HY51A characteristics)
HY51Z	HY51Z	NU51Z	Transmitting triode amplifier (hi mu version of HY51A)
KP51	KP51		Subminiature half wave high vacuum rectifier
NU51A	HY51A		See HY51A
NU51Z	HY51Z		See HY51Z
QK51	QK51		Packaged magnetron. Fixed tuned
REL51	REL51		RF measuring lamp (Canadian)
RK51	RK51	4C	Transmitting triode amplifier (discontinued; see 4C22/HF100)
SR51	SR51		Vacuum phototube
TD51	8291		See 8291
UH51	UH51	3-50M2/UH51	Transmitting triode amplifier
V-51	V-51		Klystron, integral cavity
51	51	35/51, 551	Obsolete, nearest equivalent is 35
51A	51A		Phototube
51A3	927		See 927
51AV	51AV		Phototube
51LEP-----	51LEP-----		Cathode ray, 5 inch, 1 gun
51S	35S/51S		See 35S/51S
51SA	51SA	35S	Phototube
51TCP7	5DNP-----		See 5DNP-----
51UCP-----	51UCP-----		Cathode ray tube, 5 inch, single beam
BL52	BL52		ATR tube
CE52	CE52		Phototube vacuum
HD52-----	OB2		See OB2

Tube Type	Current Service Designation	Other Number	Class Description
REL52	878A		See 878A
RK52	RK52	NU51Z	Transmitting triode amplifier oscillator (discontinued)
SRY-52	SRX-52		Klystron
TE52	6889		See 6889
U52	VU71 (Br.)		See VU71 (Br.)
V-52	V-52		Klystron
V-52-1	V-52-1		Klystron
V-52-1A	7470		See 7470
V-52-2	V-52-2		Klystron
VT52 (Br.)	VT52 (Br.)	EL32, 10E/11398, 1637	Transmitting pentode (British); see 38142
52	52		Receiving dual grid triode amplifier. Obsolete (similar to 6A4/LA)
52.8	60.8		See 60.8
52A3	1P35		See 1P35
52HAP-----	52HAP-----	5AVP7	Cathode ray tube, 5 inch, two beams
52HUP1	52HUP1		Cathode ray tube, 5 inch, two beams
52N	52N		Beta-Gama counter tube
52REP-----	52REP-----		Cathode ray tube, 5 inch, two beams
CE53	CE53		Phototube
KP53	KP53		Subminiature twin diode detector
KU53	7178		See 7178
MXT53	MXT53	MA358, BL970	Dual TR tube
REL53	REL53	MRC001M	Transmitting UHF oscillator (Canadian)
RK53	53		See 53
SR53	SR53		Vacuum phototube
V-53B	V-53B		Reflex klystron oscillator
VR53 (Br.)	VR53 (Br.)	ARP34, EF39, 10E/11399	Screened pentode (British)
VX53	VX53		Subminiature pentode
53	53	RK53	Receiving twin triode amplifier (Type 6A6, 6N7, characteristics)
53A	53A	3-50J4/53A	UHF triode oscillator
53AB	53AB		Phototube
53ABB	53ABB		Phototube
53AWB	927		See 927
53B	53B		Transmitting special purpose
BL54	6629		See 6629
CE54	CE54		Phototube
FP54	5740		See 5740
HK54	HK54	CV49, 4C25	Transmitting triode amplifier (nearest equivalent is 35TG)
KU54	KU54		Similar to 5948 but without base
L54	L54		Small signal amplifier
M54	M54		Receiving tetrode power amplifier
SRU-54	SRU-54		Reflex klystron, power output 100 mw
T54P2	5BHP2		See 5BHP2
TD54	7991		See 7991
TE54	6900		See 6900

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Tube Type	Current Service Designation	Other Number	Class Description
V-54 VR54 (Br.)	V-54 VR54 (Br.)	ARD05, EB34, 10/E11400, 1638	Reflex klystron oscillator Double diode (British)
54-8H 54-11T 54B 54NCP11 BL55 CE55 CV55	54-8H 5LPI, 2, 4, 5 4C26 54NCP11 6630 CE55 CV55	2507	Cathode ray tube See 5LP See 4C26 Cathode ray tube, 5 inch, 4 beams See 6630 Phototube Transmitting UHF triode oscillator (British)
D-55-H EC55 K55B K55C K55H L55 L55B REL55 SRU-55 SRU-55A T-55 TD55 TZ55 V-55 VR-55 (Br.)	D-55-H EC55 K55B 185R4 K55H L55 L55B CV108 SRU55 SRU-55A T55 8290 TZ55 V-55 VR-55 (Br.)	E1190	Ballast tube UHF triode Ballast tube See 185R4 Ballast tube Small signal amplifier Ballast tube See CV108 Klystron oscillator Improved ruggedized SRU-55 Transmitting triode amplifier See 8290 Discontinued Reflex klystron oscillator Double diode triode (British)
55	55	NR48, AR21, EBC33, 1639, 10E/11401	Receiving duodiode triode. Obsolete (Type 85 characteristics)
55A1 55A2 55B2 55JGP2A 55N3	55A1 55A2 55B2 55JGP2A 55N3		Ballast tube Ballast tube Ballast tube Cathode ray tube, 5 inch, 5 beams Miniature half wave rectifier- (Canadian)
55S BL56 CE56 CV56	55S 6649 CE56 CV56	E1326, 3DHP, E1325, REL3DX	Receiving duodiode triode See 6649 Phototube Transmitting UHF oscillator (British)
MDS56 REL56 RK56	MDS56 CV114 RK56	HY60	Spark gap tube See CV114 Transmitting tetrode amplifier (discontinued)
SRK-56 TD56 V-56 V-56/6315 VR56 (Br.)	SRK-56 8286 6315 6315 VR56 (Br.)	NR49, EF36, 10E/11402	Klystron See 8286 See 6315 See 6315 HF pentode (British)

Tube Type	Current Service Designation	Other Number	Class Description
XD56	XD56	F7779	High vacuum rectifier, forced air cooled
56	56	456, VT-56	Receiving triode detector amplifier (similar to 76, 27)
56A	56A		Type 76, except for filament current
56AS	56AS		Type 56A with spray shield
BL57	6635		See 6635
CE57	CE57		Phototube
FG57	FG57	1257, 5559, 5559/FG57	Mercury vapor thyratron
HD57	5516		See 5516
HK57	HK57		Transmitting pentode
HY57	HY57		Transmitting triode amplifier
REL57	CV117		See CV117
RK57	805		See 805
SRK-57	SRK-57		Klystron
V-57	V-57		Klystron
VR57	VR57		Corona voltage regulator
VR-57 (Br.)	6D8		See 6D8 (obsolete)
57	57	57S, VT-57	Receiving triple grid pentode amplifier (similar to 58)
57A	57A		Receiving triple grid pentode amplifier. Nearest equivalent is 77. Similar to 6C6 except for filament
57AS	57AS		Receiving triple grid pentode amplifier
57S	57		See 57
BL58	BL58		Shutter tube, gas switching
CE58	CE58		Phototube, gas filled, red sensitive
CV58	CV58	RE147, E1273	UHF diode detector (British)
MT58	8019		See 8019
RK58	838		See 838
SR58	SR58		Phototube
TD58	8293		See 8293
V-58	V-58		Reflex klystron oscillator
58	58	58S, VT-58	Receiving pentode amplifier (similar to 57)
58A	58A		Phototube. Obsolete.
58A3	1P36		See 1P36
58AL	58AL		Phototube
58AS	58AS		Type 58A with spray shield
58AV	58AV		Phototube
58AWB	58AWB		Gas phototube
58AWVB	58AWVB		Phototube
58D	58D		Phototube
58S	58		See 58
BL59	BL59		TR tube
CE59	CE59		Phototube
HD59	2E30		See 2E30
QK59	QK59		Tunable packaged magnetron. Replace with 4J62

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Tube Type	Current Service Designation	Other Number	Class Description
RK59	RK59		Transmitting twin triode amplifier oscillator-ceramic base
V-59	V-59		Klystron
VR59 (Br.)	955		See 955
59	59		Receiving pentode amplifier
59A	59A		Phototube. Obsolete. Use 868
59A4	868		See 868
59AP	59AP	1RBS	Phototube
59AR	59AR		Phototube
59AV	PJ22		See PJ22
59AV3	PJ22		See PJ22
59B	59B		Receiving power amplifier pentode
59D	928		See 928
59DV1/2	59DV1/2	GL441	Vacuum phototube
59TAV3	59TAV3	917	Vacuum phototube
BL60	6640		See 6640
CE60	CE60	917	Phototube
EL60B	EL60B		Diode gas rectifier
F60	4B26		See 4B26
HF-60	HF60		Transmitting triode amplifier oscillator
HY60	HY60	RK56	Transmitting tetrode amplifier
L60B	L60B		Ballast tube
NU60	NU60		Transmitting triode amplifier oscillator
QK60	QK60		Tunable packaged magnetron. Replace with 4J62
RK60	1641		See 1641
SAS-60A	SAS-60A		Klystron cw amplifier, improved version 2K35
SAS-60B	SAS-60B		Klystron. Pulsed version of SAS-60A
SK60	SK60		Gas phototube
TE60	TE60		Klystron, integral cavity
V60/XC	V60/XC		Klystron
VT60 (Br.)	8018		See 8018
VT60A (Br.)	807		See 807
60.8	60.8		Gas rectifier
60A3	920		See 920
BL61	6455		See 6455
CE61A/B	GL441		See GL441
HY61	807		See 807
HY61/807	807		See 807
K-61-A	K-61-A		Ballast tube
K-61-B	K-61-B		Ballast tube
QK61	QK61		Tunable packaged magnetron. Replace with 4J63
RK61	RK61	QF6	Thyratron, subminiature
SAS-61	SAS-61		Klystron, pulsed, 10KW, tunable
SK61	SK61		Phototube

Tube Type	Current Service Designation	Other Number	Class Description
TD61	TD61		Gas diode
V-61	V61		Klystron
VT61A (Br.)	VT61A (Br.)	10E/142	Double triode (British)
61A3	930		See 930
61A532	STX297		See STX297
61DV3	929		See 929
BL62	6378		See 6378
FP62	FP62		Triode pressure indicating tube
QK62	QK62		Tunable packaged magnetron. Replace with 4J63
RK62	RK62		Obsolete. Use RK61
SAS-62	SAS-62		Klystron
SK62	SK62		Phototube
TD62	7992		See 7992
V-62	V-62		Klystron
VA62B	VA62B		Klystron amplifier, two resonator type
VT62	801A		See 801A
VT62 (Br.)	8019		See 8019
BL63	BL63		Dual ATR tube
DH63	6Q7G		See 6Q7G
HY63	HY63		Transmitting tetrode amplifier
KT63 (Br.)	6F6G		See 6F6G
L63 (Br.)	6J5G		See 6J5G
RK63	250TH		See 250TH
RK63A	250TH		See 250TH
SAS-63	SAS-63		Pulsed klystron
SK63	SK63		Gas phototube
V-63	V-63		Klystron oscillator, two resonator type.
BL64	BL64		Shutter tube, has switching
CV64	CV64	E1342	Transmitting UHF oscillator (British)
M64	M64		Receiving tetrode voltage amplifier
RK64	RK64		Transmitting pentode amplifier. Obsolete. Similar to RK66
SRC-64D-1	SRC-64D-1		CW reflex oscillator klystron
VA-64	VA-64		Klystron
VA-64A	VA-64A		Klystron
VA-64B	VA64B		Klystron
VA-64C	VA-64C		Klystron
VA64G	8230		See 8230
64AV3	64AV3		Vacuum phototube
BL65	BL65		Shutter tube, has switching
CR65	CR65		Thyratron
CV65	CV65	Pen. 25	Receiving pentode (British)
HY65	65		See 65
QK65	QK65		Packaged magnetron
QK65A	QK65A		Packaged magnetron
STS-65	STS-65		Traveling wave tube amplifier

Tube Type	Current Service Designation	Other Number	Class Description
VA-65	VA-65		Klystron
VA65B	VA-65B		Klystron
65	65	HY65	Transmitting tetrode amplifier oscillator-multiplier (obsolete; similar to 2E25)
65C7	65C7		Receiving tube
65Z7	65Z7		Receiving tube
BL66	BL66		Shutter tube, has switching
CV66	CV66	RN37, RL37	UHF amplifier (British)
RK66	RK66	NU69	Transmitting tetrode amplifier
VA-66	VA-66		Klystron
BL67	6650		See 6650
CV67	CV67		Klystron (British)
FG67	FG67	1267	Thyratron
HY67	HY67		Transmitting tetrode amplifier oscillator multiplier
K67BJ	K67BJ		Ballast tube
L67D2	L67D2		Ballast tube
STC-67	STC-67		Traveling wave tube
TD67	8288		See 8288
VA-67	VA-67		Klystron
VA67B	VA67B		Klystron
VR67 (Br.)	6J5G		See 6J5G
VT67	VT67	30Spec	Receiving and transmitting triode amplifier
BL68	6393		See 6393
British NR68	6Q7G		See 6Q7G
CE68	CE68		Gas phototube
SAC-68	SAC-68		Klystron
SK68	SK68		Phototube
VS68	VS68	AW4, 10E/11449	Gas filled voltage regulator (British)
BL69	BL69		ATR tube
BL69-S	BL69-S		ATR tube
HD69	5514		See 5514
HY69	HY69	NU69	Transmitting tetrode amplifier oscillator multiplier (See HY1269)
NU69	RK66		See RK66
QK69	QK69		Tunable packaged magnetron
RK-69	RK-69		Transmitting beam power amplifier
TK69	6584/TK69		See 6584/TK69
69	69		Receiving dual grid detector
BL70	BL70		ATR tube
BL70-S	BL70-S		ATR tube
CK70	RK20A		See RK20A
DT-70	2E22		See 2E22
QK70	QK70		Tunable packaged magnetron
TR70	2E22		See 2E22
TS70	2E22		See 2E22

Tube Type	Current Service Designation	Other Number	Class Description
V70	V70		Transmitting triode amplifier
V70A	V70A		Transmitting triode amplifier
V70B	V70B		Transmitting triode amplifier (Type V70 ratings)
V70C	V70C		Transmitting triode amplifier (Type V70A ratings)
V70D	V70D		Transmitting triode amplifier
70	70		Receiving dual grid detector (obsolete)
70A7GT	70A7GT		Receiving diode rectifier pentode amplifier. Obsolete
70L7GT	70L7GT		Receiving diode rectifier pentode amplifier
70N	5941		See 5941
70NB	5942		See 5942
BL71	6564		See 6564
CV71	CV71	OSGLIM	Voltage regulator (British)
KU71	7782		See 7782
QK71	QK71		Tunable packaged magnetron
RKR71	6D21		See 6D21
V-71	V-71		CW klystron
VU71 (Br.)	VU71 (Br.)	U52, 10E/11529	Type 5U4G as made in Canada
71	71	271	Superseded by 71A
71A	71A	71B, 171, 17A, 4171, CX371A	Receiving triode amplifier (similar to 12A). Obsolete. Use 01A
71A3	1P30		See 1P30
71AV	71AV		Vacuum phototube
71B	71A		See 71A
71D	71D		Vacuum phototube
71TA	71TA		Phototube
71TCP19	7BMP-----		See 7BMP-----
71WHP7	7ATB7		See 7ATP7
BL72	BL72		ATR tube
CE72	72		See 72
EP72M	7616/EP72M		See 7616/EP72M
KU72	7665/KU72		See 7665/KU72
QK72	QK72		Tunable packaged magnetron
RK72	72		See 72
RKR72	72		See 72
TD72	8059		See 8059
72	72	CE220, RKR72, CE72, 72R, RK72	High voltage diode vacuum rectifier (obsolete; replace with 3B24)
72R	72		See 72
72RAP7	72RAP7		Cathode ray tube, 7 inch, 2 guns
BL73	BL73		ATR tube
CE-73WB-Q	CE-73WB-Q		Phototube
CE73WB-S4	CE-73WB-S4		Phototube
EP73	EP73		Radiation counter tube, gamma
QK73	QK73		Tunable packaged magnetron
RK73	73		See 73

Tube Type	Current Service Designation	Other Number	Class Description
RKR73	73		See 73
STC-73	STC-73		Traveling wave tube
73	73	RK73, RKR73, 73R	Diode rectifier
73A	73A		Type 73 with uni-potential cathode. Obsolete. Use 73
73D	73D		Phototube
73R	73		See 73
BL74	BL74		ATR tube
CV74	CV74	XP, POVT178	High voltage rectifier (British)
EP74	EP74		Radiation counter tube, Beta Gamma
M74	M74		Receiving tetrode voltage amplifier
NR74	NR74	W1301	See VT127 (Br.), same except for basing
QK74	QK74		Packaged magnetron, cw
QK74A	QK74A		Magnetron (superseded by QK155)
STL-74	STL-74		CW klystron
BL75	BL75		ATR tube
CE75V	CE75V	XR711	Phototube
CV75	CV75	4313C	Cold cathode relay tube (British)
GL75-30	OA3	OA3, VR75-30	See OA3
HF75	HF75		Transmitting triode amplifier oscillator
HY75	HY75	NU75H	Transmitting VHF triode amplifier oscillator
HY-75A	HY-75A		Improved version of HY75
NU75H	NU75H		Transmitting triode amplifier oscillator
QK75	QK75		Packaged magnetron, CW, Superseded by QK259
RK75	307A		See 307A
STS75	STS75		Traveling wave tube
TD75	8402		See 8402
TW75	TW75		Transmitting triode amplifier
VR75-30	OA3	GL75-30, VT-260	See OA3
75	75	VT-75	Receiving duodiode triode
75A	75A		Phototube
75AV	75AV		Phototube
75D	75D		Phototube
75N	5887		See 5887
75NB3	75NB3		Radiation counter tube
75RH	75TH		See 75TH
75S	75S		Receiving duodiode triode
75T	75T		Transmitting triode (superseded by 75TL)
75TH	75TH	75RH, 3-75A3/75TH	Transmitting triode
75TL	75TL	3-75A2/75TL	Transmitting triode (low mu)
BL76	BL76		ATR
CE76	CE76		Phototube (CE36 with S4 surface)
EP76	8378		See 8378
STX76	STX76		Traveling wave tube

Tube Type	Current Service Designation	Other Number	Class Description
TD76	7993		See 7993
VT76 (Br.)	TZ40		See TZ40
76	76	VT-76	Receiving triode detector amplifier (similar to 56, 37, 6P5G)
76X13	76X13		Diode gas rectifier. Similar to 5B21
BL77	BL77		ATR tube
TD77	8292		See 8292
QK77	QK77		Packaged magnetron, CW
STX-77	STX-77		Traveling wave tube
77	77	VT-77	Receiving triple grid pentode amplifier (nearest equivalent is 6C6)
BL78	BL78		Dual TR tube
British NR78A	6J5G		See 6J5G
C78	C78		Receiving
QK78	QK78		Tunable packaged magnetron
VR78 (Br.)	VT78 (Br.)	QF196, D1, ARD2, 10E/1540, 10E/11540, 2E36	See VT78 (Br.)
VR78 (Br.)	VT78 (Br.)	VR78 (Br.)	Receiving midget UHF diode detector
78	78	VT-78	Receiving pentode amplifier (nearest equivalent is 6D6)
BL79	BL79		TR tube
79	79		Receiving twin triode amplifier (type 6Y7G characteristics)
79A	CE3A/B		See CE3A/B
79A4	1P31		See 1P31
79D	79D		Phototube
BL80	BL80		TR tube
DC80	DC80		Miniature triode
EC80	6Q4		See 6Q4
K80B	K80B		Ballast tube
L80D	L80D		Ballast tube. Obsolete
PG80	PG80		Phototube, smoke indicator. Obsolete. Use 1P30
SOC-80	SOC-80		Klystron, CW
V80B	V80B		Klystron
VA-80B	VA-80B		Klystron, CW
VA-80C	VA-80C		Klystron
X80	6303		See 6303
80	80	UX290, RE1, 13, 13B, 180, UV213, UX213, 213, WT270, UX280, 280, CX313, 313, 480, 3841, VT-80, 313B	Receiving duodiode rectifier (similar to 5Y3G, 5Z3)
80A1	80A1		Ballast tube
80A2	80A2		Ballast tube
80B2	80B2		Ballast tube
80M	80M		Receiving duodiode rectifier
BL81	6643		See 6643
British NR81	6K7G		See 6K70

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Tube Type	Current Service Designation	Other Number	Class Description
CE81	CE81		Phototube, gas filled
EC81	EC81		Miniature oscillator triode
EM81	6DA5		See 6DA5
EZ81	6CA4		See CA4
FG81A	FG81A		Thyratron
QK81	QK81		Packaged magnetron, CW
QK81A	QK81A		Packaged magnetron
SAL-81	SAL81		Klystron, pulsed, tunable
TE81	7757		See 7757
81	81	2935A, 81/81A, 16, UV216, UX216B, UX281, 316, 481, RE2, 2935A	Receiving diode rectifier
81/81A	81		See 81
81A	81A		Thyratron
81M	81M		Receiving diode rectifier
BL82	BL82		TR tube
CV82	CV82	REL48	Receiving triode HF oscillator (British)
ECC82	ECC82/12AU7		Similar to 12AU7
KU82	7583		See 7583
R82A	R82A		Phototube
SAC-82	SAC-82		Klystron
V-82	V-82		Pulse amplifier klystron
82	82	AF, 482	Receiving duodiode gas rectifier
82AV4	919		See 919
BL83	BL83		ATR tube
CE83	CE83		Phototube (CE3 with blue sensitivity)
EBF83	6DR8		See 6DR8
ECH83	6DS8		See 6DS8
SAL-83	SAL-83		CW klystron
V-83	V-83		Pulse klystron
V-83B	V-83B		Klystron
V-83C	V-83C		Klystron
83	83	VT-83, AG	Receiving duodiode gas rectifier
83V	83V		Receiving duodiode rectifier (nearest equivalent is 5U4G)
BL84	BL84		Dual TR tube
ECC84	6CWL		See 6CW7
EL84	6BQ5		See 5BQ5
EM84	6FG6		See 6FG6
G84	2Z2/G84		See 2Z2/G84
SRC-84	SRC-84		Klystron
V-84	V-84		Klystron
84	8416Z4		See 84/6Z4
84/6Z4	84/6Z4	6Z4, 84, 98, KR28, VT-84	Receiving duodiode rectifier
84A3	923		See 923
BL85	BL85		TR tube
CV85	CV85	1923F, REL38A	Spark gap modulator (British)

Tube Type	Current Service Designation	Other Number	Class Description
EF85	6BY7		See 6BY7
FP85	FP85		Triode vacuum control tube (inactive)
FP85A	FP85A		Diode vacuum rectifier (inactive)
IBM-85	IBM-85		Cathode ray tube, storage
NR85	6F6G		See 6F6G
QK85	QK85		2K28 with build-in cavity
R85A	R85AV		Phototube. Obsolete. Use CE23A/B
R85AV	R85AV		Phototube. Obsolete. Use CE23A/B
SAS-85	SAS-85		Klystron
V-85	V-85		Klystron
85	85	85S	Receiving duodiode triode (Type 6V7G characteristics)
85A2	OG3/85A2		See OG3/85A2
85A4	928		See 928
85AS	85AS		Receiving duodiode triode
85S	85		See 85
BL86	6641		See 6641
EL86	6CW5		See 6CW5
QK86	QK86		Packaged magnetron
V-86	V-86		Klystron
86A1	86A1		Ballast tube
86A2	86A2		Ballast tube
86B2	86B2		Ballast tube
BL87	6636		See 6636
CV87	CV87	KRN2	Velocity modulation tube (British)
QK87	QK87		Packaged magnetron
V-87	V-87		Klystron
V-87B	V-87B		Klystron
V-87C	V-87C		Klystron
VA-87B	7662/VA-87B		See 7662/VA87B
VA-87C	7663/VA-87C		See 7663/VA87C
VA-87E	VA-87E		Klystron
BL88	BL88		TR tube
CV88	CV88	REL49	Transmitting HF triode (British)
ECC88	6DJ8		See 6DJ8
QK88	QK88		Packaged magnetron
SAC-88	SAC-88		Klystron
VA-88B	VA-88B		Klystron
VA-88C	VA-88C		Klystron
VT88 (Br.)	832		See 832
88	88		Receiving duodiode rectifier
BL89	BL89		TR tube
EBF89	6DC8		See 6DC8
EF89	6DA6		See 6DA6
QK89	QK89		Packaged magnetron
SAL89	SAL89		Pulsed amplifier klystron, air cooled
89	89	VT-89	Receiving pentode amplifier (replace with 89Y)
89RS	6G7		See 6G7 (Canadian)

Tube Type	Current Service Designation	Other Number	Class Description
89Y	89Y		Type 89 with Micanol base
BL90	6634		See 6634
CV90	CV90	E1368, REL42	Triode oscillator (British)
GL90-30	OB3		See OB3
M90B	M90B		Ballast tube
QK90	QK90		Packaged magnetron
SRX-90	SRX-90		Klystron
V-90	V-90		Klystron
VR90	OB3		See OB3
VR90-30	OB3		See OB3
VT90 (Br.)	BT90 (Br.)/8011		See VT90 (Br.)/8011
VT90 (Br.)/8011	VT90 (Br.)/8011	VT90 (Br.), 8011, REL1, WL538, 10E/97, 588, WE710A, 710A	Transmitting UHF triode oscillator amplifier (British)
90	90		Receiving dual grid detector
90N	5943		See 5943
90NB	5944		See 5944
BL91	BL91		TR tube, special for coaxial system
QK91	QK91		Packaged magnetron
SRX-91	SRX-91		Klystron
V-91	V-91		Klystron
VR91 (Br.)	VR91 (Br.)	EF50 (MUL), APR35,	Pentode amplifier (British)
VR91A (Br.)	VR91A (Br.)	EF50 (US), 10E/287	Sub standard VR91 (British)
91	91	1904, 10E/92	Thyratron
BL92	BL92		Dual ATR tube
CV92	CV92	NT99, REL7, 8026, 4C27, CV92/4C27, E1232	Transmitting triode (British)
CV92/4C27	CV92		See CV92
EP92A	7617/EP92A		See 7617/EP92A
EF92	6CQ6		See 6CQ6
FP92	FP92		Diode vacuum rectifier (inactive)
QK92	QK92		Packaged magnetron
SRX-92	7511/SRX-92		See 7511/SRX-92
VA-92	VA-92		Reflex klystron oscillator, 14.0 to 17.5 KMc
VA-92B	VA-92B		Reflex klystron oscillator, 12.4 to 14.5 KMc
VA92C	8467		See 8467
VR92 (Br.)	VR92 (Br.)	QF195, EA50, 10E/105, 2B35	Receiving midget UHF diode rectifier (British)
92	92		Receiving dual grid detector
92A1	92A1		Ballast tube
92A2	92A2		Ballast tube
92B2	92B2		Ballast tube
BL93	BL93		TR tube
BL93A	BL93A		TR tube
KU93	8275/KU93		See 8275/KU93
SRX-93	SRX-93		Klystron
VA-93	VA-93		Reflex klystron oscillator
BL94	6631		See 6631

Tube Type	Current Service Designation	Other Number	Class Description
PG94	PG94		Selected CE1 for Bell and Howell
SRU-94	SRU-94		Klystron
VA-94	VA-94		Reflex klystron oscillator, 16.0 to 17.0 KMc
VA-94B	6994		See 6994
VT94 (Br.)	VT94 (Br.)		Transmitting triode amplifier (British)
94-8-H	94-8-H	2512	Cathode ray tube
A95	A95		Phototube
BL95	6644		See 6644
BL95H	6645		See 6645
CV95	CV95	REL50	RF measuring lamp (British)
EL95	6DL5		See 6DL5
FG95	FG95	1295, 5560, 5560/FG95, 10E/95	Thyratron
QK95	3B29		See 3B29
SRU-95	SRU-95		Klystron oscillator, tunable
VR95 (Br.)	954		See 954
95	95		Replace with 2A5
BL96	6605		See 6605
VA-96	VA-96		Reflex klystron oscillator
96	96		Receiving diode rectifier
BL97	BL97		TR tube, tunable
CE97	CE97		Phototube (CE26 with blue sensitivity)
EF97	6ES6		See 6ES6
FG97	FG97		Thyratron
VA-97	VA-97		Reflex klystron oscillator
VA97B	VA97B		Reflex klystron oscillator
VCR97	VCR97		ATR tube, fixed tuned
BL98	BL98		Cathode ray tube (British)
EF98	6ET6		See 6ET6
FG-98A	FG-98A		Thyratron
KR98	KR98		Receiving duodiode rectifier
NT98	NT98	E1189, UK310P, 3150, W2510, REL3D, 315D	Transmitting UHF oscillator (British)
QK98	4B31		See 4B31
VA-98	VA-98		Klystron
VT98 (Br.)	VT98 (Br.)	REL5, 10E/244	Transmitting UHF triode (British)
98	84/6Z4		See 84/6Z4
98R	98R		Improved version of VT98 (Br.)
BL99	6638		See 6638
NT99	CV92		See CV92
QK99	QK99		Packaged magnetron
V99	V99	UV199, UV299	Receiving triode (thoriated tungsten filament)-Detector amplifier (obsolete)
X99	X99	UX199, UX299	Receiving triode (coated filament) - Detector amplifier (obsolete)
99	99	CV299, CX299	Receiving triode amplifier (obsolete)

Tube Type	Current Service Designation	Other Number	Class Description
99X44	99X44		Diode gas rectifier
99X45	99X45		Diode gas rectifier
99X46	99X46		Diode gas rectifier (obsolete)
C100A	C10CA	100A	Small transmitting triode
C100D	C100D	100D	Obsolete, convert equipment to 2A5
C100E	C100E	100E	Transmitting triode amplifier
CV100	CV100	1924, REL38B	Spark gap modulator (British)
EE100TH	100TH		See 100TH
HF100	4C22/HF100		See 4C22/HF100
ML100	5625		See 5625
NU-100V	NU-100V		Lattice videtron
QK100	QK100		Packaged magnetron
RK100	RK100		Transmitting triode gaseous amplifier
RM100	RM100		Jumbo miniature converter
RW100	214		See 214
TF100	4C22/HF100		See 4C22/HF100
UE-100	UE-100		High vacuum triode
V-100	V-100		Klystron amplifier
100A	C100A		See C100A
100C	BS-6		See BS-6
100D	C100D		See C100D
100E	C100E		See C100E
100N	1B76		See 1B76
100NB	100NB		Radiation counter
100-R	8020		See 8020
100TH	100TH	VT-218, EE100TH, 3-100A4/100TH	Transmitting triode modulator amplifier (similar to 4C22/HF100, RK38 and HK254)
100TL	100TL	RK36, 3-100A2/100TL	Transmitting triode amplifier
100TS	VT127A		See VT127A
Boonton 101A	Boonton 101A		Selected type 2A6 for Boonton Q meter. Replace with 2A6
BS101	5962		See 5962
BS101/5962	5962		See 5962
C101	4C22/HF100		See 4C22/HF100
F101B	101B		See 101B
ML101	GL605		See GL605
QK101	QK101		Packaged magnetron
V-101	V-101		Klystron
WE101D	101D		See 101D
WE101F	101F		See 101F
WE101FA	101FA		See 101FA
WE101J	101J		See 101J
101B	101B	F101B	Transmitting triode amplifier oscillator
101D	101D	WE101D	Receiving triode modulator oscillator amplifier
101F	101F	WE101F	Receiving triode amplifier
101FA	101FA	WE101FA	Receiving triode amplifier (101F with higher mu)

Tube Type	Current Service Designation	Other Number	Class Description
101H	101H		Similar to 101D
101J	101J	WE101J	Receiving triode amplifier (101F with special shielding)
DX-102	DX102		High vacuum diode
ML-102A	ML-102A		High vacuum diode, convection cooled
WE102D	102D		See 102D
WE102F	102F		See 102F
X102B	6G4		See 6G4
X102G	2C29		See 2C29
X102L	2C31		See 2C31
102A (Boonton)	102A (Boonton)		Selected type 45 for Boonton Q meter
102D	102D	WE102D	Receiving triode amplifier
102F	102F	WE102F	Receiving triode amplifier (102D with low filament current)
102G	102G		Replaced by 102D
X103	4D21		See 4D21
FG104	FG104	5561, 5561/FG104	Diode gas rectifier
MDS104	MDS104		Spark gap tube
VT104 (Br.)	VT104 (Br.)	10E/215, PT15	Transmitting pentode amplifier (British)
WE104D	104D		See 104D
104D	104D	WE104D	Receiving triode amplifier (telephone repeater)
DX105A	DX105A		Tunable magnetron
DX105B	DX105B		Tunable magnetron
FG105	FG-105	105	Thyratron
GL105/30	OC3		See OC3
KP105	KP105		Subminiature uhf diode
M105-10	M105-10		Corona voltage regulator
M105-14AD	M105-14AD		Corona voltage regulator
RM-105	RM-105		Subminiature RF power mixer
VR105-30	OC3	VT-200	See OC3
105	FG105		See FG105
RM-106	RM-106		Attenuating switching tube
106C	106C		Beta-Gamma counter tube
DX-107	DX-107		Tunable pulse magnetron
CK108	CK108		Receiving low noise triple grid detector amplifier; replace with 77
CV108	CV108	REL55	Transmitting UHF oscillator (British). Similar to 2J21A
QK108	QK108		Packaged magnetron
RM108	RM108		Twin diode
108	108		Gamma-Beta counter tube
108C	108C		Beta-Gamma counter tube
F110X	F110X		Transmitting triode amplifier oscillator (supersedes F110A)
FT-110	FT-110		Photo-flash tube
R110	R110		Therapy type

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Tube Type	Current Service Designation	Other Number	Class Description
STS-110	STS-110		Traveling wave tube
V-110	V-110		Klystron
V-110A	7471/V110A		See 7471/V110A
110X	100X		Receiving triode amplifier. Obsolete
QK111	QK111		Klystron (replace with QK202)
SMC-111	SMC-111		Klystron
STL-111	STL-111		Traveling wave amplifier
VU111	VU111	AU5, 10E/146	Diode rectifier (British)
X111AD	8C23		See 8C23
X111B	8C22		See 8C22
111A	111A		Current regulator. Obsolete
111H	111H		Therapy type triode oscillator amplifier
STL-112	STL-112		Traveling wave tube
UX112A	12A/112A		See 12A/112A
112A	12A/112A		See 12A/112A
CK113	CK113		Receiving diode rectifier, pentode amplifier
HY113	HY113/HY123		See HY113/HY123
HY113/HY123	HY113/HY123	HY113, HY123	Miniature receiving triode amplifier oscillator
QK113	QK113		Packaged magnetron
STS-113	STS-113		Traveling wave tube
VA-113	VA-113		Reflex klystron
CV114	CV114	REL56, E1365, 1365	ATR tube (British)
HY114	2C24		See 2C24
HY114B	114B	VT-234	See 114B
NU114B	114B		See 114B
STL114	STL114		Traveling wave amplifier, L band
VA-114	VA-114		Reflex klystron
VT114 (Br.)	VT114 (Br.)	537, 10E/168, E1024, CV1114	Transmitting tetrode amplifier (British)
WE114A	WE114A		Ballast tube
114A	114B		See 114B
114B	114B	114A, HY114B, NU114B	Transmitting and receiving UHF
HY115/HY145	HY115/HY145		Receiving unbased miniature type pentode amplifier
VA-115	VA-115		Reflex klystron
A116	2J42		See 2J42
F116A	F116A		Transmitting triode amplifier oscillator
RM116A	RM116A		Subminiature triode
VA-116	VA-116		Reflex klystron
CV117	CV117	REL57, E1415	ATR tube (British)
QK117A	QK117A		Packaged magnetron
VR117 (Br.)	VR117 (Br.)	10E/176	Receiving triode amplifier (British)
WE117A	117A		See 117A
X117	5D22		See 5D22, 4-250A
117A	117A	WE117A	Ballast tube
117L7GT	117L7/M7GT		See 117L7/M7GT

Tube Type	Current Service Designation	Other Number	Class Description
117L7/M7GT 117M7GT 117N7GT	117L7/M7GT 117L7/M7GT 117N7GT	117L7GT, 117M7GT	Receiving diode rectifier pentode See 117L7/M7GT Receiving diode rectifier pentode amplifier. Similar to 117P7GT except for basing
117P7GT	117P7GT		Receiving diode rectifier pentode amplifier. Similar to 117N7GT except for basing
117Z3 117Z4GT 117Z6G 117Z6GT 117Z6GT/G F118B	117Z3 117Z4GT 117Z6GT 117Z6GT 117Z6GT F118B	117Z6G	Miniature type diode rectifier Receiving diode rectifier See 117Z6GT Receiving duodiode rectifier doubler Receiving duodiode rectifier doubler Transmitting triode amplifier oscillator
F119A	F119A		Obsolete-Superseded by F127A which is not interchangeable
119A C120 CEP120 HF120	119A 120 120 HF120		Ballast tube. Obsolete See 120 See 120 Transmitting triode (similar to 311CT, 38111A)
L120 RX120	L120 RX120		Traveling wave tube Special purpose diode gas rectifier. Obsolete. Use RX120A
RX120A SOS-120 UX120 ZB120 120	RX120A SOS-120 20 120 120	3C21, ZB120, C120, CEP120	Gas rectifier. Similar to 5B21 Oscillator klystron Superseded by 20 (both obsolete) See 120 Transmitting triode
120-A 120C 120N 120NB A121 BL121 CV121 F121A	120A 1B77 120N 120NB 2J41 BL121 CV121 F121A	V1920	Ballast tube See 1B77 Beta-Gamma counter tube Counter tube See 2J41 Spark gap voltage control High voltage rectifier (British) Transmitting triode amplifier oscillator
VA-121B WE121A 121A 121B DX-122 F122A 122A DX-123 F123A	VA-121B 121A 121A 121B DX-122 F122A 122A DX-123 F123A	WE121A	Traveling wave tube, S band See 121A Ballast tube. Replace with 121B Ballast tube Fixed frequency, CW klystron Transmitting triode. Obsolete Ballast tube Fixed frequency, CW klystron Transmitting triode amplifier oscillator (obsolete)

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Tube Type	Current Service Designation	Other Number	Class Description
HY123	HY113/HY123		See HY113/HY123
123A	123A		Ballast tube
A124	2J64		See 2J64
DX-124	DX-124		Fixed frequency, CW klystron
F124A	F124A		Transmitting triode amplifier oscillator-Water cooled
F124R	124R		See 124R
T124	T124		Therapy HF triode
VX124	5800		See 5800
124	24A		See 24A
124A	24A		Superseded by 24A; see 24A
124R	124R	F124R	Transmitting triode
CV125	CV125	2027, REL38C	Spark gap modulator (British)
DX-125	DX-125		Tunable magnetron, modified 5780, superseded by 5780
F125A	125A		See 125A
F125R	F125R		Transmitting triode modulator
FT125	FT125		Strobotron
HF125	HF125	203H	Transmitting triode
HY125/HY155	HY125/HY155	HY155	Receiving unbased miniature type pentode amplifier
T125	T125		Transmitting triode amplifier (similar to FV20)
VA125B	VA125B		Traveling wave tube
VA125C	VA125C		Traveling wave tube
125A	125A	F125A	Transmitting triode (Water cooled)
A-126	A-126		Magnetron
F126A	F126A		Transmitting triode amplifier oscillator. Water cooled (obsolete). Similar to F343A
QK126	QK126		Packaged magnetron
X126H	6C23		See 6C23
126	26		See 26
F-127A	F127A		Transmitting triode amplifier oscillator
VT127A	VT127A	100TS, WL534, 534, 3-100D2/VT127A	Transmitting triode UHF oscillator
VT127 (Br.)	VT127 (BR.)	10E/231	Receiving and transmitting tetrode amplifier (British)
127	27		See 27
127A	127A		Replaced by VT127A
F-128A	F128A		Transmitting triode amplifier oscillator (obsolete)
VA128	8232		See 8232
VGT128 (Br.)	VGT128 (Br.)	NGT2/10E15	Gas filled triode (British)
128A	2522N1		See 2522N1
CV129	CV129	REL44, KRN2A	Receiving UHF oscillator (British)
F129B	129B		See 129B
F129R	F129R		See 129R
QK129	QK129		Packaged magnetron

Tube Type	Current Service Designation	Other Number	Class Description
X129D 129B	3C26 129B	F129B	See 3C26 Triode RF power amplifier (water cooled)
129R HF130	129R HF130	F129R	Forced air cooled version of F129B Transmitting triode amplifier oscillator
L-130 STP-130 VXR-130 130	L-130 STP-130 VXR-130 30		Water cooled planar triode Traveling wave tube, 240 to 510 Mc. Voltage regulator, subminiature See 30
A-131 CV131 F131A	A-136 CV131 F131A	VX131	See A-136 Variable mu RF pentode Transmitting triode amplifier oscillator (obsolete) (Water cooled)
F131R	F131R		Transmitting triode amplifier oscillator (obsolete)
L-131 QK131 VX131 A-132 CV132	L-131 QK131 CV131 A-132 CV132	VX132	Transmitting tetrode, planar Packaged magnetron See CV131 Tunable CW magnetron Miniature type hexode mixer (British)
F132A PG132 VX132 A-133 CV133	F132A CE203 CV132 A-133 CV133	VX133	Transmitting triode audio amplifier See CE203 See CV132 Tunable CW magnetron Transmitting and receiving miniature type. HF triode (British)
QK133 VO133 VX133 F134 QK134 QL134 A-135 A-136	QK133 VO133 CV133 F134 QK134 2C48 A-135 A-136	V960, 10E/211	Packaged magnetron Diode rectifier (British) See CV133 Transmitting triode (water cooled) Packaged magnetron See 2C48 CW magnetron, tunable
A-136M CV136	A136M CV136	A-131 VX136	Packaged magnetron. Replaced by A1007 Packaged magnetron Miniature type pentode amplifier (British)
TR136 VX136 BL137 CV137 VX137 A-139 VCR139A CV140	6619 CV136 BL137 CV137 CV137 A-139 1810P1 CV140	VX137 VX140	See 6619 See CV136 Spark gap voltage control tube Miniature type diode triode (British) See CV137 Tunable magnetron See 1810P1 Miniature type duodiode rectifier (British)

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Tube Type	Current Service Designation	Other Number	Class Description
HF140	HF140	211D	Transmitting triode (similar to 311T, HF120, and Commercial 211)
QK140	QK140		Reflex klystron
VCR140	9GP7		See 9GP7
VX140	CV140		See CV140
140KB	140R4		See 140R4
140R	140R		Ballast tube
140R4	140R4	140KB	Ballast tube
140R8	140R8		Ballast tube
QK-141	QK141		Microwave oscillator, Klystron
BL142	BL142		Protective gas device
QK142	QK142		Reflex klystron
QK143	QK143		Klystron
143D	2X2/879		See 2X2/879
HY144	2C24		See 2C24
QK144	QK144		Packaged magnetron
QK144A	QK144A		Packaged magnetron
QK144B	QK144B		Packaged magnetron
QK144C	QK144C		Packaged magnetron
HY145	HY115/HY145		See HY115/HY145
HY145ZT	2E28	VT-281	See 2E28
145N100	145N100	C73920	Cathode ray tube, mapping light source
A-146	A-146		Wide band microwave noise generator, argon gas
BL146	BL146		Special protective gas device
GL146	GL146	GL146 (FP)	Transmitting triode amplifier
GL146 (FP)	GL146		Transmitting triode amplifier
146	846		See 846
A-147	A-147		Wide band microwave noise generator, argon gas
BL147	BL147		Special protective gas device
QK147	QK147		Packaged magnetron
X-147	X-147		Receiving double tetrode
147SH	5J26		See 5J26
A-148	A-148		Wide band microwave noise generator, argon gas
A-149	A-149		Wide band microwave noise generator, argon gas
EP150	EP150		Phototube (replace with PJ22)
GL150/30	OD3		See OD3
HF150	HF150	211H	Transmitting triode amplifier oscillator (similar to 311CH)
M150T	M150T		Therapy type HF triode amplifier oscillator
P150	P150		Therapy (nearest equivalent. 4C22/HF100)
SOC-150	SOC-150		Klystron oscillator, very rugged, air cooled
TW150	TW150		Transmitting triode amplifier

Tube Type	Current Service Designation	Other Number	Class Description
VC150	CV150		British
VR-150	OD3		See OD3
VR150-30	OD3	VT-139	See OD3
150C	1B78		See 1B78
150M	1B79		See 1B79
150N	5979		See 5979
150NA	5979		See 5979
150P	150P		Transmitting pentode amplifier
150T	150T		Transmitting triode amplifier
QK151	KQ151		Packaged magnetron
V-151	6316		See 6316
151N	5980		See 5980
151NA	5980		See 5980
GL152	GL152	GL152 (FP), P0016B	Transmitting triode amplifier
GL152 (FP)	GL152		See GL152
V-152	V-152		Reflex klystron oscillator
152R	152R	2-150A/152R	Transmitting diode vacuum rectifier
152RA	152RA	2-150D/152RA	Transmitting diode vacuum rectifier
152TH	152TH	3-150A3/152TH	Transmitting triode amplifier (twin type 75TH)
152TL	152TL	HK252L, 3-150A2/152TL	Transmitting triode amplifier (twin type 75TL)
DT153	1U4		See 1U4
QK153	QK-153		Klystron
V-153	6315		See 6315
VT153	VT153	1664, 12C8-K9, 12C8Y, 12C8 Special	12C8 with shell directly connected to #1 pin
FG154	FG154		Thyratron
HK154	HK154	154	Transmitting triode amplifier
V-154	V-154		Reflex klystron oscillator
154	HK154		See HK154
154-165	154-165	T533P2, K2046P2	Cathode ray tube (Tektronix)
154-175	154-175	T543P2, K2017P2	Cathode ray tube (Tektronix)
154-265	154-265	T503P2	Cathode ray tube (Tektronix)
HY155	HY125/HY155		See HY125/HY155
QK155	QK155		Magnetron
T155	T155		Transmitting triode amplifier (obsolete)
V-155	V-155		Reflex klystron oscillator
V-156	V-156		Reflex klystron oscillator
FG157	FG157		Thyratron (obsolete)
SAC157	SAC157		Klystron amplifier
VA-157	VA-157		Reflex klystron
HK158	HK158		Transmitting triode amplifier
SAC158	SAC158		Klystron amplifier
VT158	VT158	3092, WX3092	Transmitting UHF triode
GL159	GL159		Transmitting triode amplifier
QK159	6043		See 6043
QMG159	1005		See 1005
VT160 (Br.)	VT160 (Br.)	6D6	Receiving pentode amplifier

Tube Type	Current Service Designation	Other Number	Class Description
VA161	VA161		Backward wave oscillator
VT161 (Br.)	VT161 (Br.)	6C6	Receiving pentode amplifier
VT162 (Br.)	VT162 (Br.)	6B7	Receiving duodiode pentode
FP163	FP163		Timing tube (inactive)
VT163 (Br.)	VT163 (Br.)		Receiving pentode amplifier
FP164	FP164		Rectifier filament timing control
X-164	X-164		Packaged magnetron
HY165	HY165		Unbased hearing aid pentode amplifier
165KB	165R4		See 165R4
165KC	165R8		See 165R8
165R	165R		Ballast tube
165R4	165R4	K49B, 50B2, 165KB	Ballast tube
165R8	165R8	K49C, 165KC, 50A2	Ballast tube
FG166	FG166	2252, WL786	Thyratron
X-168	5928		See 5928
GL169	GL169		Transmitting triode amplifier
QK169	QK169		Packaged magnetron
QK171	QK171		Packaged magnetron
QK171A	QK171A		Packaged magnetron
QK171B	QK171B		Packaged magnetron
UX171	UX171		Superseded by 71A; see 71A
UX171A	UX171A		Superseded by 71A; see 71A
171	71A		See 71A
171A	71A		See 71A
FG172	FG172	1672	Thyratron
PL172	8295/PL172		See 8295/PL172
QK172	6959		See 6959
QK173	QK173		CW magnetron
QK174	QK174		Packaged magnetron
QK174A	QK174A		Packaged magnetron
QK174B	QK174B		Magnetron
HF175	HF175		Transmitting triode amplifier oscillator
PL175A	PL175A		Transmitting pentode, similar to 4-400A
WL177	VA242D	Reflex klystron, see VA242D	
177YQ	382A		See 382A
CV178	CV178		Transmitting UHF oscillator (British)-Similar to 3C27
FG178	FG178	0178, FG178GE	Thyratron (obsolete). Use FG178A
FG178A	FG178A		Thyratron
FG178GE	FG178		See FG178
G178	FG178		See FG178
POVT178	CV74		See CV74
FG179	FG179		Nearest equivalents FG235 and FG271
QK180	QK180		Tunable magnetron
QK180A	QK180A		Tunable packaged magnetron
180	80		See 80
QK181	QK181		Packaged magnetron

Tube Type	Current Service Designation	Other Number	Class Description
181	181		Receiving amplifier
QK182	QK182		Tunable magnetron
182A	182A		Receiving triode amplifier
182B	182B/482B		See 182B/482B
182B/482B	182B/482B	482B, 182B, 428B	Receiving triode amplifier (obsolete)
EF183	6EH7/EF183		See 6EH7
183	183		Receiving triode amplifier (obsolete)
183/483	483		See 483
QK184	QK184		Pulse magnetron
QK185	QK185	D172733	Tunable magnetron
185AB	185R8		See 185R8
185KC	185R8		See 185R8
185R	185R		Ballast tube
185R4	185R4	K55C, YTU9, 185KB	Ballast tube
185R8	185R8	185KC, 50XST, 185KB	Ballast tube
FG190	FG190	1290	Duodiode gas rectifier
QM190	QM190		Receiving miniature tetrode
X190	5929		See 5929
FP195	FP195	WL195	Therapy type HF triode oscillator (obsolete; replace with 852)
QF195	VR92 (Br.)		See VR92 (Br.)
TS195/1S5	TS195/1S5		Selected 185 for Bureau of Ordnance
WL195	WL195	FP195	Therapy type HF triode (nearest equivalents 852, UE952)
195	195		Transmitting triode-air cooled (therapy)
QF196	VR78 (Br.)		See VR78 (Br.)
TS196/1L4	TS196/1L4		Selected 1L4 for Bureau of Ordnance
WL196	WL196		Therapy type HF triode
196	196		Transmitting triode-air cooled (therapy)
FP197	FP197		Therapy type HF triode oscillator (obsolete; replace with 211)
QF197	2B24	VT-284	See 2B24
FP198	FP198		Therapy type UHF triode oscillator (obsolete)
ML199	ML199		High voltage full wave rectifier
UV199	V99		See V99
UX199	X99		See X99
BD200S	7009		See 7009
C200	C200		See HF200
CE200	CE200	CR200	Duodiode gas rectifier, similar to NL602
CE200A	CE200A		Gas rectifier
CR200	CE200		Obsolete, see CE200
EE200	EE200		Industrial triode vacuum control tube
HF200	HF200	HV18, NU200, 200, C200, T200	Transmitting and therapy type, triode amplifier oscillator
MA200	5789		See 5789

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Tube Type	Current Service Designation	Other Number	Class Description
ML200	ML200		Large transmitting tube, radiation cooled.
NU200	HF200		See HF200
QF200C	QF200C	VT-285, 2C27	Subminiature triode
T200	T200		Transmitting triode amplifier, see HF200
UX200	UX200		Superseded by OOA, both obsolete
VC200	VC200		British tube
200	HF200		See HF200
200A	00A	UX200	Obsolete. Receiving triode. See OOA
200C	1B81		See 1B81
200NB	200NB		Geiger-Mueller counter tube.
C201	C201		Transmitting triode amplifier (Collins)
CE201	4B27		See 4B27
HQ201	384A		See 384A
QK201	5777		See 5777
RM201	RM201		Thyratron
SOU-201	SOU-201		CWKlystron oscillator, 13.5 KMc
UX201A	01A		See 01A
VA-201	VA201		Reflex klystron oscillator
VA-201B	VA201B		Reflex klystron oscillator
201N	201N		Geiger-counter tube
C202	C202		Transmitting triode (similar to 8003)
CE202	CE202	NL625	Diode gas rectifier
QK202	5778		See 5778
X202	X202		Digital coding tube
202	202		Obsolete, replace with 1602
AC203	CE203		See CE203
C203A	203A		See 203A
CE203	CE203	AC-203, HW-15, PG132	Diode gas rectifier
GL203A	203A		See 203A
HD203A	HD203A		Transmitting triode amplifier
HD203C	HD203C		Heavy duty therapy triode amplifier (similar to 303U)
T203E	T203E		Transmitting triode amplifier
T203Z	T203Z		Transmitting triode amplifier
UV203A	203A		See 203A
VA203B	6975		See 6975
WE203A	203A	VT-1	See 203A
WL203A	203A		See 203A
203A	203A	303A, WE295A, C203A, WL203A, UV203A, GL203A, WE203A, 295A	Transmitting triode amplifier
203B	203B	CW933	See also 203A
203D	203D		Transmitting triode amplifier
203F	203F		Transmitting triode amplifier (obsolete)

Tube Type	Current Service Designation	Other Number	Class Description
203H	203H	HF125	Transmitting triode amplifier (similar to 303U)
203W	203WA		See 203WA
203WA	203WA		Ruggedized version of 203A
C204A	204A		See 204A
F204A	204A		See 204A
G204A	G204A		Cathode ray tube (Hewlett Packard)
GL204A	204A		See 204A
RCA204A	204A		See 204A
UV204	204	VT-8	See 204
UV204A	204A		See 204A
VT-NC-204	VT-NC-204		Counter tube
WL204A	204A		See 204A
204	204	UV204	Transmitting triode (superseded by 204A)
204A	204A	F204A, UN304A, C204A, GL204A, WL204A, WE304A, UE304A, RCA204A, VT-22, UV204A, OG1860, 1860	Transmitting triode
A205D	1658		See 1658
CE205	CE205	2RA5	Diode gas rectifier
HY205	HY205		Unbased hearing aid pentode amplifier
QK205	5721		See 5721
WE205B	205B	VT-2	See 205B
WE205D	1276		See 1276
WE205F	205F		See 205F
205	6491/205	205/6491	See 6491
205B	205B	WE205B, CW931	Obsolete, Triode
205D	205D	304D	Transmitting triode amplifier oscillator
205E	205E	RCA1602	Transmitting triode amplifier
205F	205F	WE205F	Triode amplifier oscillator
BD206	7153		See 7153
CE206	CE206	2RA6	Diode gas rectifier
GL206	206		See 206
QF206	2E27	VT-283	See 2E27
QK206	QK206		Obsolete. K band local oscillator
QK206A	QK206A		Magnetron. Obsolete
RCA206	206		See 206
UV206	206		See 206
206	296	GL206, RCA206, UV206, 2933	Transmitting amplifier oscillator (obsolete)
CE207	CE207		Diode gas rectifier
F207	207		See 207
GL207		207	See 207
RCA207	207		See 207
RX207	4B25	45X674, 4B25/EL6C	See 4B25
UV207	207		See 207

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Tube Type	Current Service Designation	Other Number	Class Description
WL207 207	207 207	VT-34, F207, F307A, 1971, UV207, RCA207, GL207, WL207	See 207 Transmitting triode amplifier oscillator water cooled
207 (Anton) 207M	6875 207M	207/6875	See 6875 Transmitting triode (modified version of 207)
RM208	RM208		Thyratron (obsolete)
VA208	7071		See 7071
WE208A	WE208A		Replaced by 205F
WE208C	WE208C		Replaced by 101D
RM209	RM209		Thyratron (obsolete)
VA209	VA209		Reflex klystron
WE209A	WE209A		Replaced by 102D
CE210	CE210		Diode gas rectifier. Replaced by CE210A
CE210A	CE210A		Mercury vapor and gas FW rectifier
PT210A	10		See 10; Replace with 10Y
QK210	QK210		Packaged magnetron
UX210	10		See 10
WE210A	WE210A		Replaced by 104D
210	10		See 10
Amperex 211B	Amperex 211B		See 211B
C211	Commercial 211		See comm 211; replace with 211
COM 211	Commercial 211	VT-4B, U8211, C211, RX211, UE211, NU211, GL211, HD211, WE211, WL211	Transmitting triode amplifier oscillator. See 211 (very similar to 242A, 342B)
Commercial 211 Spec	Commercial 211 Spec		Commercial type 211 with low grid current limits-see 211, replace
GL211	Commercial 211		See comm 211; replace with 211 with 211.
HD211	Commercial 211		See comm 211; replace with 211
HD211C	211C		See 211C
JAN 211	JAN 211	VT-4C	Transmitting triode amplifier oscillator
NU211	Commercial 211		See comm 211; replace with 211
QK211	QK211		Packaged magnetron
RCA211	248A		See 248A
RX211	Commercial 211		See comm 211; replace with 211
T211C	211C		See 211C
UE211	Commercial 211		See comm 211; replace with 211
UE211C	211C		See 211C
UV211	Commercial 211		See commercial 211
VA211A	VA211A		Reflex klystron
VA211B	VA211B		Reflex klystron
WE211	Commercial 211		See comm 211; replace with 211
WE211A	211A		See 211A
WE211B	WE211B		Transmitting triode

Tube Type	Current Service Designation	Other Number	Class Description
WE211C	38111A		See 38111A (similar to 261A, 361A, WE261A, 835)
WE211D	211D		See 211D
WE211E	211E		See 211E
WL211	Commercial 211		See comm. 211
211	211	4C21, VT4C, Commercial 211 Special	Transmitting triode amplifier oscillator
211A	211A	WE211A	See 242C
211B	211B		Transmitting triode (Similar to 211 except for capacitances)
211C	211C	UE211C, HD211C, T211C	Therapy type HF triode
211D	211D	WE211D, HF140	Replace with 242C
211E	211E	WE211E	Replace with 242C
211H	211H	HF150	Type 211C with plate top cap
211W	211W		Ruggedized version of 211
BL212	BL212		Miniature tunable pulse magnetron
BS-212	6107		See 6107
CE212	CE212	289415	Diode gas rectifier
CE212A	4B35		See 4B35
F212E	212E		See 212E
FW212	8504		8504
RX212	RX212	NL627	Special purpose diode gas rectifier
WE212E	212E		See 212E
212	5813		See 5813
212A	212A		Obsolete. Superseded by 212E
212E	212E	1819, F212E, UN312E, 312E, WE212E	Transmitting triode amplifier
BS-213	6108		See 6108
CE213	CE213	2RA3	Diode gas rectifier
J213AAA	4B26		Replace with 4B26; see 4B26
J213AAA (Allen)	4B26		See 4B26
QF213	QF213		Subminiature type-confidential
UV213	80		See 80
UX213	80		See 80
213	80		See 80
213B	213B		Superseded by 80; see 80
C214	214		See 214
F214	214		See 214
GL214	214		See 214
QK214	QK214		Packaged magnetron
RCA214	214		See 214
RM214	RM214		Thyratron
UV214	214		See 214
WL214	214		See 214
214	214	2938, C214, WL214, GL214, UV214, RCA214, F214, RW100	Transmitting diode rectifier (Obsolete)
214E	214E		Transmitting diode vacuum rectifier
CE215	CE215	2RA15	Diode gas rectifier

Tube Type	Current Service Designation	Other Number	Class Description
QF215	2C35		See 2C35
RX215	RX215		Special purpose duodiode gas rectifier
WE215A	215A	VT-5	See 215A
215A	215A	WE215A, 1344	Receiving AF and 1F amplifier (Obsolete)
UV216	81		See 81
UX216B	81		See 81
WE216A	WE216A		Receiving triode modulator oscillator, amplifier
GL217A	217A		See 217A
GL217C	217C		See 217C
QF217	QF217		Receiving UHF oscillator
QK217P	QK217P		Magnetron
UV217A	217A		See 217A
UV217C	217C		See 217C
WL217C	217C		See 217C
217	217		Rectifier (Obsolete)
217A	217A	UV217A, GL217A	Transmitting diode rectifier (vacuum)
217C	217C	UE317C, GL217C, 2936A, UV217C, WL217C, 317C, 2936	Transmitting diode rectifier (vacuum)
F218	218		See 218
GL218	218		See 218
QK218	QK218		Packaged magnetron
RCA218	218		See 218
UV218	218		See 218
WL218	218		See 218
218	218	1861, RCA218, F218A, UV218, 318A, GL218, WL218, F318A	Transmitting diode rectifier (obsolete. For replacement only)
218S	218S		Transmitting diode rectifier
F219	219		See 219
GL219	219		See 219
RCA219	219		See 219
UV219	219		See 219
WE219A	WE219A		Full wave mercury rectifier. Obsolete
WE219D	WE219D		Full wave mercury rectifier. Obsolete
219	219	GL219, 2937, F219, RCA219, UV219, F319, F319A, 2937	Transmitting diode vacuum rectifier (Obsolete)
CE220	72		See 72
CX220	20		Superseded by 20, both obsolete
F220B	220B		See 220B
QK220	QK220		Packaged magnetron
VA-220B	VA-220B		Reflex klystron oscillator, 7125 to 7425 Mc
VA-220	VA-220C		Reflex klystron oscillator 6875 to 7125 Mc
VA-220D	VA-220D		Reflex klystron oscillator 6575 to 6875 Mc

Tube Type	Current Service Designation	Other Number	Class Description
VA-220E	VA-220E		Reflex klystron oscillator 6125 to 6425 Mc
VA-220F	VA-220F		Reflex klystron oscillator 5925 to 6225 Mc
VA-220J	VA-220J		Reflex klystron oscillator, 4.9 to 5.2 KMc
VA-220Z	VA-220Z		Reflex klystron oscillator 7750 to 8100 Mc
WE220B	220B		See 220B
WE220C	220C		See 220C
WE220CA	220CA		See 220CA
220B	220B	F320B, WE220B, F220B, 1887	Transmitting triode amplifier oscillator (Obsolete). Use 220C
220C	220C	WE220C	Transmitting triode amplifier oscillator-water cooled
220CA	220CA	WE220CA	Transmitting triode amplifier oscillator-water cooled
220T	TGC-2		See TGC-2
CE221	4B25		See 4B25
QK221	6002		See 6002
VA-221B	VA-221B		Reflex klystron oscillator, 7.2 to 7.5 KMc
VA-221C	VA-221C		Reflex klystron oscillator, 7.2 to 7.5 KMc
VA-221D	VA-221D		Reflex klystron oscillator, 6.7 to 7.0 KMc
VA-221E	VA-221E		Reflex klystron oscillator, 6.2 to 6.5 KMc
VA-221F	VA-221F		Reflex klystron oscillator, 5.9 to 6.2 KMc
VA-221H	VA-221H		Reflex klystron oscillator, 5.2 to 5.5 KMc
WE221D	WE221D		Triode
221	221		Receiving triode (Obsolete)
221A	371A		See 371A
221B	371B		See 371B
CE222	3B22		See 3B22
F222A	222A		See 222A
QK222	QK222		Packaged magnetron
VA-222A	VA-222A		Reflex klystron oscillator, 7.4 to 7.7 KMc
VA-222B	VA-222B		Reflex klystron oscillator 7.1 to 7.4 KMc
VA-222C	VA-222C		Reflex klystron oscillator 6.8 to 7.1 KMc
VA-222D	VA-222D		Reflex klystron oscillator 6.7 to 7.0 KMc
VA-222E	VA-222E		Reflex klystron oscillator 6.1 to 6.4 KMc

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Tube Type	Current Service Designation	Other Number	Class Description
VA-222F	VA-222F		Reflex klystron oscillator 5.9 to 6.2 KMc
WE222A	222A		See 222A
X222	22		See 22
222A	222A	F222A, WE222A	Transmitting diode rectifier-water cooled
222B	222B		Replaced by 222A
QK223	QK223		Packaged magnetron
WE223A	223A		Triode. Obsolete
CE224	4B24		See 4B24
QK224	QK224		Packaged magnetron
UY224	UY224		Superseded by 241A
WE224A	224A		Cathode ray tube. Obsolete
WE224B	WE224B	326B, 325B	Cathode ray tube. Obsolete
WE224C	WE224C	326C, 325C	Cathode ray tube. Obsolete
224	24		See 24
224A	24A		Screen grid amplifier (A.C.)
CE225	4B28		See 4B28
QK225	QK225		Packaged magnetron
WE225A	WE225A		Triode
WE225TQ	704A		See 704A
Z225	866A		See 866A
225A	225A		Transmitting triode. Obsolete
225TQ	704A		See 704A
CE226	4B26		See 4B26
RX226A	RX226A		Diode rectifier. Obsolete
UX226	26		See 26
226	26		See 26
226A	226A		Diode rectifier (Obsolete)
A227A	A227A		Water cooled (Obsolete)
AEL227	7840/227		See 7840/227
UY227	27		See 27
VT227A	227A		See 277A
227	27		See 27
227A	227A	3-100E3/227A, VT227A, 5C27	UHF triode oscillator amplifier
QK228	QK228		Magnetron-Superseded by QK254
WE228A	228A		See 228A
228A	228A	WE228A, F328A	Transmitting triode amplifier modulator
228R	228R		Transmitting triode-forced air cooled
TS229	5687		See 5687
229D	229D		Triode
BL230	7444		See 7444
CE230	3B24		See 3B24
FT-230	FT-230		Photo-flash tube
WE230D	WE230D		Same as 231D except base
WT230	873		See 873
230	30		See 30

Tube Type	Current Service Designation	Other Number	Class Description
WE231D	231D		See 231D
231	31		See 31
231D	231D	WE231D	Receiving triode detector amplifier
RX232	RX232		Obsolete. Superseded by 72
WE232A	232A		See 232A
WE232B	232B		See 232B
232	32		See 32
232A	232A	WE232A, F332A	Replaced by 343A
232B	232B	WE232B	Transmitting triode amplifier oscillator-water cooled (Replaced by 343A)
232BA	232BA		232B with fins for air cooling
232C	232C		Transmitting triode amplifier water cooled
232CH	232CH		Transmitting triode amplifier water cooled. Replaced by 233
232R	232R		Transmitting triode forced air cooled
QK233	QK233		Packaged magnetron
RX233	2C33		See 2C33
RX233A	2C33		See 2C33
WE233A	233A		See 233A
WE233B	233B		See 233B
233	233		Transmitting triode amplifier, water cooled
233A	233A	WE233A	Transmitting diode rectifier
233B	233B	WE233B	Replaced by 233A
QK234	QK234		Packaged magnetron
WE234A	WE234A		Rectifier--equipment converted to use 249B
234	34		See 34
CE235	5B21		See 5B21
FG235A	5552		See 5552
QK235	6344/QK235		See 6344/QK235
RX235	RX235		Diode rectifier (similar to 72)
X235	X235		Traveling wave tube
235	35		See 35
235D	235D		Transmitting triode (Obsolete)
QK236	QK236		Tunable packaged magnetron
VA236C	VA236C		Reflex klystron
WE236A	236A		See 236A
236	36		See 36
236A	236A	WE236A	Transmitting triode amplifier-water cooled
F237A	237A		See 237A
QK237	QK237	2J51W	Ruggedized version of 2J51
WE237A	237A		See 237A
WE237B	237B		See 237B
X237	X237		Dispersive amplifier
237A	237A	WE237A, F237A, F337A	Transmitting diode rectifier-water cooled

Tube Type	Current Service Designation	Other Number	Class Description
237B	237B	WE237B	Discontinued-replaced by 237A
FG238B	5555		See 5555
QK238A	QK238A		Packaged magnetron
QK238B	QK238B		Magnetron
WE238A	WE238A		Photoelectric cell
WE239A	WE239A		See 239A
239	39/44		See 39/44
239A	239A	WE239A	Receiving triode amplifier
UX240	40		See 40
WE240B	240B		See 240B
240	40		See 40
240A	240A		Replaced by 240B
240B	240B	WE240B	Transmitting triode amplifier-water cooled
QK241	QK241		Packaged magnetron
WE241B	241B		See 241B
X241	X241		Traveling wave amplifier
241B	241B	WE241B	Transmitting triode amplifier
GL242A	242A		See 242A
GL242B	242B		See 242B
GL242C	242C		See 242C
VA242D	VA242D	WL177	Reflex klystron
VA242G	8332		See 8332
VA242U	VA242U		Reflex klystron
WE242	242		See 242
WE242A	242A		See 242A
WE242B	242B		See 242B
WE242C	242C		See 242C
242	242	WE242	Transmitting triode amplifier (oscillator)
242A	242A	WE242A, GL242A	Obsolete. Replace with 211 (similar to commercial 211, 311, 38211)
242B	242B	WE242B, GL242B, 342B	Transmitting triode amplifier (obsolete, similar to 211 and 242C)
242C	242C	342C, GL242C, WE242C	Transmitting triode amplifier oscillator (similar to commercial 211, 242B)
QK243	6037/QK243		See 6037/QK243
WE243A	243A		See 243A
243A	243A		Triode. Obsolete
BL244	7417/BL244	7417/MCM10	See 7417
WE244A	244A		See 244A
244A	244A	WE244A	Triode amplifier oscillator
HY245	HY245		Unbased hearing aid pentode amplifier
MX245	45		See 45
UX245	45		See 45
WE245A	245A		See 245A
245	45		See 45

Tube Type	Current Service Designation	Other Number	Class Description
245A	245A	WE245A	Transmitting tetrode amplifier detector
QK246	QK246		Klystron
WE246A	246A		See 246A
246A	246A	WE246A	Receiving tetrode amplifier
QK247	QK247		Obsolete magnetron, replaced by QK-400
SAC247	SAC247		Amplifier klystron
WE247A	247A		See 247A
247	47		See 47
247A	247A	WE247A	Receiving triode amplifier
248A	248A	RCA211	Transmitting triode oscillator modulator
O249	249C		See 249C
QK249	QK249		Packaged magnetron
T249B	249B		See 249B
WE249A	249A		See 249A
WE249B	249B		See 249B
WE249C	249C		See 249C
249	249C		See 249C
249A	249A	WE249A	Replaced by 249B
249B	249B	WE249B, T249B	Transmitting diode gas rectifier
249C	249C	O249, WE249C, 249	Transmitting diode gas rectifier
249R	249R		Diode gas rectifier
249S	249S		Diode gas rectifier
ATS250	VT31 (Br.)		See VT31 (Br.)
H250	1223		See 1223
HF250	HF250		Transmitting triode amplifier oscillator
QK250	QK250		Packaged magnetron
T250	T250	British VT30	Transmitting triode
UX250	50		See 50
250	50		Transmitting and receiving triode amplifier-see 50
250R	250R	2-250A/250R	Transmitting diode rectifier
250TH	250TH	RK63/A, VT-220, HK454H	Transmitting triode amplifier oscillator
250TL	250TL	3-250A2/2502L, HK454L, VT-130	Transmitting triode amplifier oscillator
QK251	QK251		Packaged magnetron
WE215A	251A		See 251A
251A	251A	WE251A	Transmitting triode amplifier
BD252	BD252		Special digit version of 7153 "NIXIE"
FP252	FP252		Therapy type triode amplifier oscillator (obsolete)
FP252A	FP252A		Therapy type triode amplifier oscillator (obsolete, similar to HF200, FV20)
HK252L	152TL		See 152TL

Tube Type	Current Service Designation	Other Number	Class Description
WE252A	252A		See 252A
252A	252A	WE252A	Triode amplifier oscillator
FG253	FG253		Gas rectifier (ignitron-obsolete- superseded by GL415)
H253C	HK253C		Transmitting diode vacuum rectifier
HK253	HK253		Transmitting diode vacuum rectifier -Similar to 217C
QK253	QK253		Magnetron. Similar to 5586
QK253M	6695		See 6695
WE253	253		See 253
WE253A	253A		See 253A
253	253	WE253	Transmitting rectifier
253A	253A	WE253A	Diode gas rectifier
HK254	HK254		Transmitting triode amplifier (similar to 100TH, RK38 and 4C22/HF100)
QK254	6518/QK254		See 6518/QK254
WE254A	254A		See 254A
WE254B	254B		See 254B
254A	254A	WE254A	Transmitting tetrode amplifier oscillator
254B	254B	WE254B	Transmitting tetrode amplifier oscillator
HY255	HY255		Unbased hearing aid pentode amplifier
HY255X	HY255X		Unbased hearing aid pentode amplifier
WE255A	255A		See 255A
WE255B	255B		See 255B
255A	255A	WE255A	Rectifier. Obsolete
255B	255B	WE255B	Diode gas rectifier
WE256A	256A		See 256A
256A	256A	WE256A	Thyratron
HK257	HK257		Transmitting UHF pentode amplifier; see HK257B
HK257B	4E27		Identical to HK257, except $\frac{3}{4}$ inch shorter in height. See 4E27
WE257A	257A		See 257A
257	RK48A/RK48		See RK48A/RK48
257A	257A	WE257A	Receiving triode amplifier detector
FG258A	5553		See 5553
QK258	QK258		Ruggedized version of 2K45
T258B	258B		See 258B
WE258B	258B		See 258B
258B	258B	WE258B, T258B	Dioxide gas rectifier
FG259B	5554		See 5554
FG259R	FG259R		Diode gas rectifier (ignitron)
QK259	QK259	QK399	CW magnetron
QK259A	QK259A		CW magnetron
WE259A	259A		See 259A
WE259B	259B		See 259B
259A	259A	WE259A	Receiving tetrode amplifier
259B	259B	WE259AB	Receiving tetrode amplifier

Tube Type	Current Service Designation	Other Number	Class Description
QK260	QK260		Packaged magnetron
V-260	6310		See 6310
WE260A	260A		See 260A
260A	260A	WE260A	Transmitting tetrode amplifier
V-261	6311		See 6311
261A	261A		See 38111A; replace with 38111A (similar to WE276A, 242B, 242C, 211C, 835)
V-262	V-262		Reflex klystron oscillator, 8.5 to 10.0 KMc
WE262A	262A		See 262A
WE262B	262B		See 262B
262A	262A	WE262A	Superseded by 262B
262B	262B	WE262B	Receiving triode amplifier
QK263	QK263		Magnetron
WE263A	263A		See 263A
WE263B	263B		See 263B
263A	263A	WE263A	Duodiode gas rectifier
263B	263B	WE263B	Duodiode gas rectifier
QK264	7528		See 7528
WE264B	264B		See 264B
WE264C	264C		See 264C
264	864		See 864
264B	264B	WE264B	Superseded by 264C
264C	264C	WE264C	Receiving triode AF amplifier
FP265	FP265	P-0016A	Therapy type HF triode
F266A	266A		See 266A
F266B	266B		See 266B
GL266A	266A		See 266A
GL266B	266B		See 266B
QK266	QK266		Packaged magnetron
WE266B	266B		See 266B
WE266C	266C		See 266C
266A	266A	F266A, GL266A	Transmitting diode rectifier (equivalent to 857)
266B	266B	F266B, WE266B, GL266B	Transmitting diode gas rectifier
266C	266C	WE266C	Transmitting diode gas rectifier (similar to 857B)
F267B	267B		See 267B
WE267B	267B		See 267B
267B	267B	WE267B, F267B	Transmitting diode gas rectifier (similar to 872A)
QK268	QK268		Packaged magnetron
WE268A	268A		See 268A
268A	268A	WE268A	Transmitting triode
QK269	QK269		Klystron
WE269A	269A		See 269A
269A	269A	WE269A	Thyratron
FP270	FP270		Transmitting triode (obsolete)

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Tube Type	Current Service Designation	Other Number	Class Description
V-270	6312		See 6312
WE270A	270A		See 270A
WT270	80		See 80
270A	270A	WE270A	Transmitting triode amplifier
FG271	5551		See 5551
QK271	QK271		Tunable packaged magnetron
UX271	371A		See 371A
WE271A	271A		See 271A
271	71		See 71
271A	271A	WE271A	Moderate power triode amplifier
QK272	QK272		CW magnetron
WE272A	272A		See 272A
WT272	FG17		See FG17
272	FG17		See FG17
272A	272A	WE272A	Receiving triode amplifier
QK273	QK273		Packaged magnetron
KU274	7866		See 7866
WE274A	274A		See 274A
WE274B	274B		See 274B
274	5V4G		See 5V4G
274A	274A	WE274A	Duodiode vacuum rectifier
274B	274B	WE274B	Duodiode vacuum rectifier Replace with 5U4G
DT275	5A6		See 5A6
QK275	QK275		Packaged magnetron
WE275A	275A		See 275A
275A	275A	WE275A	Moderate power triode
GL276A	276A		See 276A
QK276	QK276		Packaged magnetron
STS276	STS276		Traveling wave tube
WE276A	276A		See 276A
276A	276A	GL276A, WE276A, WE376A, 376A	Transmitting triode amplifier oscillator
WE277A	277A		See 277A
277A	277A	WE277A	Thyratron
STC278	STC278		Traveling wave tube
WE278A	278A		See 278A
278A	278A	WE278A	Transmitting tetrode amplifier, obsolete (similar to 379A and 251A)
STC279	STC279		Traveling wave tube
WE279A	279A		See 279A
279A	279A	WE279A	Transmitting triode amplifier
FG280	FG280		Diode gas rectifier
ML-280	ML-280		Miniature planar triode
UX280	80		See 80
V280	6313		See 6313
WE280A	280A		See 280A
280	80		See 80
280A	280A	WE280A	Diode gas rectifier (obsolete)
ML-281	ML-281		UHF tetrode

Tube Type	Current Service Designation	Other Number	Class Description
UX281	81		See 81
WE281A	281A		See 281A
281A	281A	WE281A	Moderate power tetrode
T282A	282A		See 282A
WE282A	282A		See 282A
WE282B	282B		See 282B
282A	282A	WE282A, T282A	Transmitting tetrode amplifier
282B	282B	WE282B	Transmitting tetrode amplifier
QK283	QK283		Tunable packaged magnetron
QK283A	QK283A		Magnetron (obsolete, replaced by 282A)
WE283A	283A		See 283A
283A	283A	WE283A	Receiving tetrode amplifier
QK284	QK284		Tunable packaged magnetron
QK284A	QK284A		Magnetron
WE284	284A		See 284A
WE284D	284D		See 284D
WE284F	284D		See 284D
284A	284A	WE284	Obsolete, superseded by 284D
284D	284D	WE284F, WE284D, WE294D	Transmitting triode amplifier; see also 845
FP285	FP285		They type HF triode. Similar to 311GT, 38111A, 211C
QK285	QK285		Packaged magnetron
WE285A	285A		See 285A
285A	285A	WE285A	Receiving pentode AF amplifier
QK286	QK286		Packaged magnetron
WE286A	286A		See 286A
286A	286A	WE286A	Receiving pentode amplifier modulator
QK287	QK287		Packaged magnetron
WE287A	287A		See 287A
287A	287A	1287, WE287A, SE302	Thyratron
QK288	QK288		Klystron
WE288A	288A		See 288A
288A	288A	WE288A	Diode gas rectifier (obsolete). Use 4B26
WE289	4B26		See 4B26
289A	4B26		See 4B26
UX290	80		See 80
WE290A	290A		See 290A
290	6314		See 6314
290A	290A	WE290A	Receiving pentode variable mu amplifier
WE291A	291A		See 291A
291	291		Receiving triple twin amplifier. Obsolete
291A	291A	WE291A	Receiving pentagrid converter
WE292A	292A		Obsolete, superseded by 352A
292A	292A		Obsolete, superseded by 352A
WE293A	293A		See 293A

Tube Type	Current Service Designation	Other Number	Class Description
293	293		Receiving triple twin amplifier
293A	293A	WE293A	Pentode amplifier
WE294A	294A		See 294A
WE294D	284D		See 284D
WT294	OD3		See OD3
294A	294A		Transmitting pentode amplifier (low power)
WE295A	203A		See 203A
295	295		Receiving triple twin amplifier
295A	203A		See 203A
QK296	QK296		Packaged magnetron
QM296	5517		See 5517
WE296A	296A		See 296A
296A	296A	WE296A, 849	Transmitting triode amplifier
STX297	STX297	61A5A32	Traveling wave tube
WE297A	297A		See 297A
297A	297A	WE297A	Thyratron
WE298A	298A		See 298A
WE298B	298B		See 298B
298A	298A	WE298A	Transmitting triode amplifier
298B	298B	WE298B	Transmitting triode amplifier
CV299	99		See 99
CX299	99		See 99
GL299	GL299		Thyratron
QK299	QK299		Packaged magnetron
UV299	V99		See V99
UX299	X99		See X99
WE299A	299A		See 299A
QK299	6229		See 6229
UV299	V99		See V99
UX299	X99		See X99
WE299A	299A		See 299A
299A		WE299A, CX399, C399	Gas rectifier (not active)
BD300	BD300		Beam switching tube
C300	C300		Transmitting triode
CE300	5962		See 5962
CR300	5962		See 5962
DR300	DR300		Transmitting triode
EE300	EE300		Transmitting triode oscillator, power amplifier
HF300	HF300		Transmitting triode amplifier (nearest equivalent NU300, WL463, KU23, C300)
NU300	NU300	KU23	Transmitting triode amplifier
300A	00A		See 00A (Superseded by 300B)
300B	300B		Moderate power triode amplifier
300C	300C		Triode
300T	300T		Transmitting triode amplifier
BD301	6703		See 6703

Tube Type	Current Service Designation	Other Number	Class Description
QK301A	QK301A		Magnetron, CW, liquid cooled. See QK465
WE301A	301A		See 301A
301A	301A	WE301A	Duodiode gas rectifier (nearest equivalent is type 83)
CE302	287A		See 287A
EL302.5	3B21		See 3B21
GB-302	GB-302		Geiger-Mueller counter tube
QK302A	QK302A		Magnetron, CW, liquid cooled
WE302A	302A		See 302A
302A	302A	WE302A	Cathode ray tube (obsolete)
CE303	3C31/C1B		See 3C31/C1B
QK303	6403		See 6403
303A	203A		See 203A
303C	303C		Transmitting triode amplifier (nearest equivalent 303U)
303U	303U		Transmitting triode amplifier (nearest equivalent 303C)
303UE	303UE		Transmitting triode amplifier
CE304	CE304		Thyratron
CG-304	CG-304		Geiger counter tube
F304A	304A		See 304A
HK304H	304TH		See 304TH
HK304L	304TL		See 304TL
HK304TH	304TH		See 304TH
HK304TL	304TL		See 304TL
UE304A	204A		See 204A
UN304A	204A		See 204A
WE304A	204A		See 204A
WE304B	834		See 834
304A	204A	F304A	See 204A
304D	205D		See 205D
304H	304TH		See 304TH
304TH	304TH	VT-254, WL535, HK304TH, HK304H, 3-300A3/304TH, 304, 535	Transmitting triode power amplifier. (high mu)
304TL	304TL	WL525, HK304L, HK304TL, 3-300A2/304TL, VT-129, 525	Transmitting triode power amplifier (low mu)
CE305	CE305		Thyratron
WE305A	305A		See 305A
305A	305A	WE305A	Transmitting tetrode power amplifier
305D	305D	801A, 801A/801	Transmitting triode amplifier
CE306	C6J		See C6J
QK306	6253		See 6253
WE306A	306A		See 306A
306A	306A	WE306A	Transmitting pentode amplifier
F307A	207		See 207

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Tube Type	Current Service Designation	Other Number	Class Description
307A	307A	VT-225, RK75	Transmitting pentode amplifier
CE308	CE308		Thyratron (selected C6J)
ML308	5669		See 5669
QK308	QK308		Magnetron. Obsolete, replaced by QK-400
308A	308A		Superseded by 308B
308B	308B		Transmitting triode amplifier oscillator
BL-309	6592		See 6592
CE-309	FG17		See FG17
ML309	5666		See 5666
SA309	SA309		Strobotron
WE309A	309A		See 309A
309A	309A	WE309A	Receiving pentode amplifier
BL310	6593		See 6593
CE310	CE310		Thyratron
CX310	10		Superseded by 10
GM-310A	GM-310A		Geiger-Mueller counter tube
UE310	801A		See 801A
UK310P	NT98		See NT98
WE310B	310B		See 310B
310	10		See 10
310A	310A	REL3B, 8310A	Receiving pentode amplifier
310B	310B	WE310B	Receiving pentode amplifier
BL311	6594		See 6594
CE311	3C23		See 3C23
QK311	QK311		See 6248
QK311A/6248	6248		See 6248
UE311	311		See 311
UE311CT	311CT		See 311CT
WE311A	311A		See 311A
311	311	UE311	See 211; Replace with 211 (similar to 242A, 835, Commercial 211)
311A	311A	WE311A	Receiving pentode amplifier, obsolete use 311B
311B	311B		Receiving pentode amplifier
311C	311C		Replace with 38111A (similar to 835, commercial 211)
311C206-G01	311C206-G01		Phototube assembly, uses special 6467 photomultiplier
311CH	311CH		Therapy type HF triode (nearest equivalent 211H, plate top cap)
311CT	311CT	UE311CT	Therapy type HF triode. Replace with 38111A
311T	311T		Therapy type HF triode (replace with 211)
BL312	6615		See 6615
QK312	QK312		Magnetron
UN312E	212E		See 212E
WE312E			See 312A

Tube Type	Current Service Designation	Other Number	Class Description
312A	312A	WE312E	Transmitting pentode amplifier
312E	212E		See 212E
BL313	6565		See 6565
BM313	REL32		See REL32
CX313	80		See 80
QK313	QK313		Tunable packaged magnetron
WE313A	313A		See 313A
WE313CA	313CA		See 313CA
WE313CB	313CB		See 313CB
WE313CC	313CC		See 313CC
WE313CD	313CD		See 313CD
313	80		See 80
313A	313A	WE313A	Superseded by 313C
313B	80		See 80
313C	313C		Cold cathode gas triode rectifier relay regulator
313CA	313CA	WE313CA	Cold cathode gas triode rectifier relay regulator selected type 313CC
313CB	313CB	WE313CB	Cold cathode gas triode rectifier relay regulator
313CC	313CC	WE313CC	Cold cathode gas triode rectifier relay regulator
313CD	313CD	WE313CD	Cold cathode gas triode rectifier relay regulator
313H/7640	7640	MAS1/7640	See 7640
WE314A	314A		See 314A
314A	314A	WE314A	Duodiode gas rectifier
BL315	BL315		Band pass shutter tube
CE315	C5B		See C5B
F315A	315A		See 315A
WE315A	315A		See 315A
315A	315A	WE315A, F315A	Transmitting diode gas rectifier (similar to 575A and 673)
315B	CV38		See CV38
315D	NT98		See NT98
BD316	BD316		Shielded miniature beam switching tube
BL316	6595		See 6595
BS316	BS316		Hi sensitivity gamma counter tube
GL316A	316A		See 316A
WE316A	316A		See 316A
316	81		See 81
316A	316A	VT-191, WE316A, GL316A, ZP470	Transmitting UHF triode oscillator amplifier
BL317	6596		See 6596
T317P2	T317P2	154-196	Cathode ray tube (Tektronix)
TR317	TR317		TR tube (similar to X7047)
UE317C	217C		See 217C
317C	217C		See 217C
F318A	218		See 218

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Tube Type	Current Service Designation	Other Number	Class Description
QK318	6115		See 6115
318A	218		See 218
F319	219		See 219
F319A	F319A		Obsolete; see 219
QK319	QK319		Magnetron, pulsed, fixed frequency
WE319	319A		See 319A
319A	319A	WE319	Transmitting diode gas rectifier (similar to 872A)
BL320	6597		See 6597
F320B	220B		See 220B
WE320A	320A		See 320A
320A	320A	WE320A	Transmitting triode amplifier (250 kw)
ATR321	5864		See 5864
QK321	QK321		Pulsed magnetron
WE321A	321A		See 321A
321A	321A	WE321A	Transmitting diode gas rectifier (similar to 575A and 673)
BL322	6599		See 6599
CX322	22		See 22
F322A	F322A		Obsolete; see 222A
ML322	ML-322		UHF clipper diode
QM322	5656		See 5656
WE322A	803		See 803
322A	803		See 803
BL323	6600		See 6600
CE323A	323A		See 323A
NL323B	323A		See 323A
QK323	QK323		Magnetron, pulsed, 100KW
WE323A	323A		See 323A
WE323B	323B		See 323B
323	323		Ballast lamp
323A	323A	WE323A, CE323A, NL323B	Thyratron . Replaced by 323B
323B	323B	WE323B	Thyratron
BL324	6613		See 6613
QK324	7452		See 7452
WE324A	324A		See 324A
324A	324A	WE324A	Special purpose diode rectifier (obsolete, similar to 3B24)
A325	A325		Broad band TR and attenuator switch
MA325	8385		See 8385
WE325A	325A		See 325A
325A	325A	WE325A	Cathode ray tube. Obsolete
325B	325B	WE325B, WE224B	Cathode ray tube. Obsolete
325C	325C	WE325C, WE224C	Cathode ray tube. Obsolete
BL326	6616		See 6616
CE326	5528/C6L		See 5528/C6L
WE326A	326A		See 326A

Tube Type	Current Service Designation	Other Name	Class Description
326	26		See 26
326A	326A	WE326A	Cathode ray tube. Obsolete
326B	326B	WE326B, WE224B	Cathode ray tube. Obsolete
326C	326C	WE326C, WE224C	Cathode ray tube. Obsolete
BL327	6601		See 6601
QK327	7529		See 7529
WE327A	WE327A	WL966626	Diode gas rectifier (obsolete) - Replace with 4B35
327	27		See 27
327A	327A	5C37, 3-100G3/327A	Transmitting UHF triode
327B	327B	3-100H3/327B	Original 327A without plate fins. Use 327A
F328A	228A		See 228A
F328B	F328B		Water cooled transmitting triode amplifier modulator
QK328	QK328		Magnetron, rugged tunable pulse
QM328	5686		See 5686
WE328A	328A		See 328A
328A	328A	WE328A	Receiving pentode amplifier
BL329	6602		See 6602
ML329	ML329		Rugged output tetrode
QK329	QK329		Receiving ribbon beam tube, see also QK256, QK405
WE329A	329A		See 329A
329A	329A	WE329A	Receiving pentode amplifier
H330	H330		Therapy
WE330A	330A		See 330A
330	30		See 30
330A	330A	WE330A	Cathode ray tube. Obsolete
330B	330B		Cathode ray tube. Obsolete
330C	330C		Cathode ray tube. Obsolete
A331	A331		Therapy (obsolete-similar to CV-11)
MA331A	MA331A		ATR tube
MA331B	MA331B		ATR tube
TR331	5925		See 5925
WE331A	805		See 805
331A	805		See 805
ATR332	6022		See 6022
F332A	F332A	WE232A	Transmitting triode-water cooled
F332C	F332C	WE232B	Superseded by F342A
WE332A	332A		See 332A
332A	332A	WE332A	Similar to 803. Transmitting pentode
333	33		See 33
333A	333A		Cold cathode gas triode rectifier relay regulator
334	34		See 34
334H	8175/334H		See 8175/334H
BL335	BL335		Dual TR and shutter tube
335	35		See 35
BL336	BL336		Dual TR and Shutter tube

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Tube Type	Current Service Designation	Other Number	Class Description
F336A	F336A		Transmitting triode-water cooled
WE336A	336A		See 336
336A	336A	WE336A	Receiving pentode amplifier
F337A	237A		See 237A
WE337A	337A		See 337A
337	37		See 37
337A	337A	WE337A	Receiving pentode amplifier
MA338B	MA338B		Dual TR tube
QK338	6410		See 6410
QK338A	6410A/QK338A		See 6410A/QK338A
WE338A	338A		See 338A
338	38		See 38
338A	338A	WE338A	Thyratron
WE339A	339A		See 339A
339A	339A	WE339A	Transmitting pentode amplifier
S-340	5960		See 5960
WE340A	340A		See 340A
340A	340A	WE340A	Transmitting triode amplifier oscillator
340H	8176/340H		See 8176/340H
WE341AA	341AA		See 341AA
341AA	341AA	WE341AA	Nearest equivalent 891R
341H	341H		Traveling wave tube
F342A	342A		See 342A
F342R	342A		See 342A
MA342	MA342	MXT33	TR tube
WE342A	342A		See 342A
342A	342A	F342R, WE342A, F342A	Transmitting triode amplifier oscillator-water cooled
342B	242B		See 242B
342C	242C		See 242C
F343R	F343R		Transmitting triode amplifier oscillator
WE343A	343A		See 343A
343A	343A	WE343A	Transmitting triode amplifier oscillator-water cooled
343-AA	343AA		Transmitting triode amplifier oscillator-forced air cooled
344H	8111		See 8111
ATR345	5792		See 5792
MA345	MA345		ATR tube
VX345	VX345		Wide tuning local oscillator
WE345A	345A		See 345A
345	45		See 45
345A	345A	WE345A	Receiving duodiode rectifier
ATR346	5793		See 5793
F346A	846		See 846
QK346	QK346		Tunable magnetron
WE346A	346A		See 346A
WE346B	346B		See 346B

Tube Type	Current Service Designation	Other Number	Class Description
346A	346A	WE346A	Cold cathode gas triode. Superseded by 346B
346B	346B	WE346B	Cold cathode gas triode rectifier relay regulator
QK347	QK347		CW magnetron
WE347A	347A		See 347A
347A	347A	WE347A	Receiving triode amplifier
ATR348	5921		See 5921
F348A	848		See 848
WE348A	348A		See 348A
348	48		See 48
348A	348A	WE348A	Receiving pentode amplifier. 77 with octal base
ATR349	5922		See 5922
MA349D	MA349D	TR tube	
QK349	6249		See 6249
WE349A	349A		See 349A
349A	349A	WE349A	Receiving pentode amplifier. Equivalent to 6F6G
BL350	BL350		Shuttered TR tube
C350	C350		Transmitting tetrode amplifier
CR350-5	CR350-5		Current regulating tube
H350	4C35		See 4C35
TR350	5927		See 5927
WE350A	RK49		See RK49
WE350B	350B		See 350B
WE350D	801A		See 801A
350	50		See 50
350A	350A	VT-230	Receiving beam power amplifier
350B	350B	WE350B	Receiving beam power amplifier (similar to 350A except in basing)
QK351	6115		See 6115
WE351A	351A		See 351A
351A	351A	WE351A	Receiving duodiode vacuum rectifier, full wave
BL352	BL352		Shuttered TR tube
BL352A	MCT30/BL352A		See MCT30/BL352A
QK352	QK352		Modified QK264
WE352A	352A		See 352A
352A	352A	WE352A	Receiving duodiode triode amplifier; see 292A
F353	872A		See 872A
F353A	872A		See 872A
QK353	QK353		Packaged magnetron, fixed frequency, pulsed
WE353A	353A		Cold cathode gas triode rectifier relay regulator
353A	353A		Cold cathode gas triode
HK354	HK354		Transmitting triode (MU of 14)
HK354A	HK354A		Transmitting triode (MU of 9.5)

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Tube Type	Current Service Designation	Other Number	Class Description
HK354B	HK354B		Transmitting triode
HK354C	HK354C		Transmitting triode
HK354D	HK354D		Transmitting triode (MU of 22)
HK354E	HK354E		Transmitting triode (very similar to 250TH)
HK354F	HK354F		Transmitting triode (MU of 50)
MA354	MA354		TR tube
MA354A	MA354A		Matched pair of MA354 tubes
ML354	ML354		Water-cooled transmitting triode
NL354A	354A		See 354A
QK354	QK354		Subminiature ballast tube
WE354A	354A		See 354A
354	354		Transmitting triode
354A	354A	WE354A, NL354A	Thyratron, mercury
NL355A	354A		See 355A
WE355A	355A		See 355A
355A	355A	WE355A, NL355A	Thyratron, gas and mercury
MA356	MA356		Dual TR tube
MA356E	8272		See 8272
WE356A	356A		See 356A
WE356B	356B		See 356B
356A	356A	WE356A	Transmitting triode amplifier oscillator (50W)-replace with 356B
356B	356B	D159781, WE356B	Transmitting triode amplifier oscillator (60W)
BL357	BL357		Dual TR and shutter tube
F357A	857B		See 857B
QK-357	QK357		Recording storage tube. Superseded by 6835
WE357A	357A		See 357A
357A	357A	WE357A	Transmitting triode amplifier
MA358	MXT53	BL970	See MXT-53
QK358	6517		See 6517
WE358A	358A		See 358A
358A	358A	WE358A	Cold cathode gas diode
A359B	8024		See 8024
QK359	QK359		CW magnetron
WE359A	359A		See 359A
359A	359A	WE359A	Transmitting cold cathode gas triode rectifier relay regulator
TR360	TR360		TR tube
WE360A	360A		See 360A
360A	360A	WE360A	Low drain pentode. Obsolete
TR361	5865		See 5865
WE361A	WE361A		Receiving pentode
361A	361A		Replace with 38111A (similar to WE242B, WE242C, and 211)
BL362	BL362		Dual TR shutter tube

Tube Type	Current Service Designation	Other Number	Class Description
QK362	QK362		Miniature magnetron, pulsed, air cooled
WE362A	362A		See 362A
362A	362A	WE362A	Receiving pentode amplifier. Obsolete
F363A	863		See 863
QK363	6177		See 6177
WE363A	363A		See 363A
363A	363A	WE363A	Transmitting pentode amplifier modulator
WE364A	364A		See 364A
364A	364A	WE364A	Transmitting triode amplifier oscillator
F366A	866A		See 866A
WE366A	WE366A		Special purpose pentode amplifier
F367A	F367A		Transmitting diode rectifier (type 315A characteristics)
WE367A	367A		See 367A
367A	367A	WE367A	Transmitting tetrode amplifier. Similar to WE350, but suited to higher frequencies
TR368	5853		See 5853
WE368A	368A		See 368A
WE368AS	368AS/703A		See 368AS/703A
368A	368A	WE368A A	Transmitting UHF triode oscillator (similar to 703A and 368AS)
368AS	368AS/703A		See 368AS/703A
368AS/703A	368AS/703A	368AS, WE703A, 703A, WE368AS, D159764	Transmitting UHF triode amplifier converter
F369A	369A		Transmitting diode gas rectifier. Superseded by F369B
F369B	869B		See 869B
QK369	QK369		Klystron
369A	369A		Transmitting diode gas rectifier. Superseded by F369B
370A	370A		Transmitting triode amplifier
CX371A	71A		See 71A
WE371A	371A		See 371A
WE371B	371B		See 371A
371A	371A	UX271, WE371A, 221A, VT-166	Diode rectifier. Obsolete. Not directly interchangeable with 371B
371B	371B	221B, WE371B	Transmitting diode vacuum rectifier. Improved 371A (not directly interchangeable)
371EA	371EA		Neutron counter tube
QK372	QK372		Tunable magnetron
WE372A	372A		See 372A
372	372		Neutron counter tube
372A	372A	WE372A	Cold cathode gas triode rectifier relay regulator
WE373A	373A		See 373A

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Tube Type	Current Service Designation	Other Number	Class Description
373A	373A	WE373A	Receiving pentode amplifier
BL374	BL374		Dual TR and shutter tube
WE374A	374A		See 374A
374	374		Neutron counter
374A	374A	WE374A	Receiving pentode amplifier
F375A	575A		See 575A, Similar to 673
WE375A	WE375A		Small transmitting special purpose
X-375	X-375		Dual power tetrode
375	375		Neutron counter tube
375A	575A		See 575A
375EA	375EA		Neutron counter tube
WE376A	276A		See 276A
376A	276A		See 276A
377A048	377A048		Duplexer (Metcom)
QK378	QK378		Magnetron, fixed frequency, pulsed
WE378A	705A		See 705A
378A	705A		See 705A
WE379A	379A		See 379A
379A	379A	WE379A	Transmitting triode oscillator modulator amplifier
QM380	QM380		Miniature cold cathode Corona discharge voltage regulator (similar to BS101)
WE380A	380A		See 380A
380A	380A	WE380A, D157653	Receiving diode rectifier (unbased)
380/D	380/D		Type 1B85 with protective coating
ATR381	5883		See 5883
ML381	ML381		Planar triode, similar to 2C39A
QK381	QK381		Reflex klystron
WE381A	381A		See 381A
381A	381A	WE381A, D159508	WE380A with base, UHF diode
WE382A	382A		See 382A
382A	382A	WE382A, D157591, 177YQ	Receiving UHF triode amplifier (unbased)
WE383A	383A		See 383A
383A	383A	WE383A, D159509	WE382A with base, UHF triode
WE384A	384A		See 384A
384A	384A	WE384A, HQ201	Receiving UHF pentode amplifier (unbased)
384D	384D		Transmitting triode amplifier
WE385A	385A		See 385A
385A	385A	WE385A	WE384A with base, voltage amplifier pentode
QK386	6845		See 6845
WE386A	386A		See 386A
WL386	WL386/ML-3W		High voltage rectifier (medical and surgical)
386A	386A	WE386A, D158796	Receiving UHF pentode amplifier (unbased)
ATR-387	6024		See 6024

Tube Type	Current Service Designation	Other Number	Class Description
BL387 VX387	BL387 VX387		TR tube Mercury pool modulator tube (British), improved version in VX9046
WE387A 387A ATR-388 ATR-388A WE388A 388A QK389	387A 387A ATR388 6162 388A 388A QK389	WE387A, D159512 D159769, WE388A	See 387A WE386A with base ATR tube; modified 1B35 See 6162 See 388A Transmitting UHF triode oscillator Magnetron, version of 6003, obsolete See 389AA
WE389AA 389AA QF390 QF392 CE393A GL393A QF393 QK393 WE393A 393A	389AA 389AA QF390 QF392 393A 393A QF393 QK393 393A 393A	WE389AA WE393A, GL393A, CE393A	Large transmitting. Metal anode Cold cathode diode Thyratron triode See 393A See 393A Hi voltage rectifier, half wave CW magnetron See 393A Thyratron, Similar to 3C23 and 7410. 7410 to be substituted for mercury 393A in submarines
QK394 WE394 WE394A 394A WE395A 395A	QK394 5745 & 5747 394A 394A 395A 395A	WE394A WE395A	Klystron See 5745 and 5747 See 394A Thyratron, gas mercury See 395A Cold cathode gas triode rectifier relay regulator. See also 7410
396A 397A CV398 C399 CX399 WE399A 399A BD400 BR400 FP400 KU400 L400 L400B MAG400 QK400/6841 400	2C51 2K56 CV398 299A 299A 399A 399A BD400 4CP7 FP400 7590 L400 L400B MAG400 6841 400	WE399A	See 2C51 See 2K56 Similar to 5D21 (British) See 299A See 299A See 399A Cold cathode gas triode rectifier Beam switching tube See 4CP7 Diode rectifier See 7590 Triode Ballast tube Magnetron See 6841 Standard diode, kenotron, hi vacuum diode
400A 400B	1N43 1N44	D172925	Crystal rectifier Crystal rectifier

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Tube Type	Current Service Designation	Other Number	Class Description
400C	1N45		Crystal rectifier
400D	1N46		Crystal rectifier
FG401	1P29		See 1P29
FJ401	1P29		See 1P29
KU401	7603		See 7603
401	401		Receiving triode detector amplifier (obsolete)
401 (Lionel)	401		Corona voltage regulator, version of 5962/BS101
401A	5590		See 5590
FG402	FG402		Gas diode rectifier (ignitron, superseded by GL415)
WL402	WL402		Small special purpose
402	402		Receiving power amplifier triode
402A	402A		Klystron
LK403X	LK403X		Klystron, similar to 2K28
TMA403X	TMA403X		Electrical output storage tube (French)
403	403		Receiving power amplifier triode
403A	6AK5		See 6AK5
403B	5591		See 5591
BS404	6109		See 6109
CL404S	CL404S		Photoconductive cell
WL404	WL404		Transmitting and therapy type HF triode
404	404		Transmitting vacuum diode rectifier
404A	5847		See 5847
FJ405	FJ405		Vacuum phototube. Obsolete. Use 935
QK405	QJ405		Receiving ribbon beam logarithmic output tube
WL405	WL405		Transmitting triode amplifier, similar 359A
405A	405A		Cold cathode triode
WL406	WL406		Transmitting triode amplifier
406A	406A		Klystron (Similar to 2K54)
ATR407	6081		See 6081
WL407	WL407		Transmitting tetrode amplifier
407A	407A		Miniature twin triode (2C51) with 20V heater)
BS408	6471		See 6471
QF408	1AD4		See 1AD4
WL408	WL408		Transmitting amplifier
408A	6028		See 6028
QF409	1AE5		See 1AE5
WL409	WL409		Transmitting triode amplifier
409A	6AS6		See 6AS6
QK410A	QK410A		Magnetron
QK410AK	QK410AK		Magnetron
WL410	WL410		Transmitting triode amplifier
410	10Y		See 10Y

Tube Type	Current Service Designation	Other Number	Class Description
410-1L	3K21		See 3K21
410R	410R		Klystron-amplifier prototype of 3K30
GL-411	GL411		Diode vacuum rectifier
QK411A	7570		See 7570
OE411PA	OE411PA		Cathode ray tube (French)
Sperry 411	2K31		See 2K31
WL411	WL411		Transmitting triode amplifier
411	411		High vacuum rectifier
411A	411A	1553	Relay tube, cold cathode
411GE	411(GE)		Half-wave rectifier
QK412	QK412		Reflex klystron
WL412	WL412		Transmitting triode amplifier
412	2K32		See 2K32
412A	6754		See 6754
WL413	WL413		Transmitting tetrode amplifier
413A	413A		Cold cathode diode
ATR414	1B35A		See 1B35A
GL414	GL414		Thyratron, mercury vapor
WL414	WL414	WX3187	Thyratron
414	4K34		See 4K34
414A	414A		Miniature pentode (similar to 6AJ5)
GL415	5550		See 5550
HT415	HT415		Hydrogen thyratron. Modified 5C22
WL415	WL415		Transmitting tetrode amplifier
415A	415A		Pentode, amplifier. Similar to 6AS6
416	2K36		See 2K36
416A	416A	1553	Transmitting UHF triode
416B	6280		See 6280
QK417/6310	6310		See 6310
WE417A	5842		See 5842
WL417	417		See 417
WL417A	417A		See 417A
417	417	WL417, VT-277	Klystron. Superseded by 417A
417A	5842	WL417A	See 5842
417B	417B		Low grid emission version of 417A; see 2K41
GL418	GL418		Triode vacuum control tube
WL418	418A		See 418A
418	WL418		Transmitting triode amplifier
WE418A	2K38		See 2K38
418A	418A	1546, WE418A	Power tetrode
QK419	QK419		Magnetron
WL419	WL419		Transmitting triode amplifier (obsolete, superseded by 891)
Z419	Z419		Industrial metal rectifier
419A	419A	1522	Klystron (improved 2K45)
419B	2K39		See 2K39
WL420	WL420		Transmitting triode UHF oscillator
420A	5755		See 5755
420R	5K40		See 5K40

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Tube Type	Current Service Designation	Other Number	Class Description
GL421	GL421		Transmitting pentode vacuum control tube. Obsolete.
QK421	QK421		Carcinotron
WL421	2K21		See 2K21
421	2K21		See 2K21
421A	421A	5998	Used in power supply units-television relay
421C	2K21		See 2K21
QK422	QK422		Klystron
WL422	2J21		See 2J21
422A	422A		Used in power supply units-television relay. Full wave rectifier
ZP423	ZP423		Transmitting UHF triode oscillator amplifier, superseded by 8002R
K424D	4X150A		See 4X150A
WL424	WL424		Transmitting diode gas rectifier (superseded by 869B)
X424D	4X150A		See 4X150A
424A	24A		See 24A
426A	426A		Will replace 327A and 405A. Miniature cold cathode, gas filled, for ringer tube, telephone application
GL427	GL427		Diode gas rectifier (ignitron). Superseded by 5779
QK427	QK427		CW magnetron, fixed frequency, air-cooled
TR427	6232		See 6232
WL427	WL427		Superseded by WL612
427A	6141/427A		See 6141/427A
ATR428	6163		See 6163
QK428/6406	6406		See 6406
428B	182B/482B		See 182B/482B
428T	3B24		See 3B24
GL429	GL429		Thyratron
TR429	TR429	6164	TR tube
429T	3B24		See 3B24
QK430	QK430		Plused magnetron, fixed frequency. Similar to QK389
430A	430A		3 electrode, gas cold cathode for relay use. Similar to 313C
WL432	WL432		Transmitting diode vacuum rectifier (obsolete)
ZP432	ZP432		Transmitting UHF oscillator
WL433	WL433		Transmitting diode vacuum rectifier (obsolete)
ZP433	ZP433		Transmitting UHF triode
GL434A	434A		See 434A
QK434	QK434		Magnetron, electrically interchangeable with 5J26
X434	X434		UHF measurement diode

Tube Type	Current Service Designation	Other Type	Class Description
ZP434	434A		See 434A
43X	434A		See 434A
434/434A	434A		See 434A
434A	434A	GL434A, 434/434A, ZP434, 434	Transmitting UHF triode 7C23 is similar
QK435	QK435		Carcinotron
WL435	40		See 40
ZP435	ZP435		Transmitting UHF triode (obsolete)
GL436	ZP436		See ZP436
QK436	6316		See 6316
WL436	WL436		Transmitting diode gas rectifier (obsolete)
ZP436	ZP436	REL19, GL436	Transmitting UHF triode
436XQ	436XQ		Switching tube
437 (Anton)	7161/437		See 7161/437
QK437/6402	6402		See 6402
QF438	QF438		Triode pentode, subminiature
WL440	WL440		Triode amplifier
440	40		See 40
D441	D441		Geranium crystal diode
GL441	GL441	CE61A/B, 59DV2	Phototube
WL441	2J32	441, K-O	See 2J32
441	441	VT-251	Vacuum phototube (blue sensitive)
GL442	GL442		Thyratron
QK442	QK442		Wave guide
WL442	2J21		See 2J21
442	2J21		See 2J21
WL443	706AY		See 706AY
QK444	6551		See 6551
TR444	TR444		TR tube
WL444	WL444		Superseded by WL612
444	39		See 39
QK445	QK445		Magnetron, FM
GL446	446		See 446
GL446B	446B		See 446B
QK446	QK446		Magnetron
446	446	GL446	Obsolete. Superseded by 446A and 446B
446A	446A		Transmitting and receiving UHF triode amplifier (replace with 2C40)
446B	446B	GL446B	Transmitting and receiving UHF triode amplifier oscillator (replace with 2C40)
QF447	QF447		Dual electrometer, subminiature radiac
QK447	6843		See 6843
ZP447	2B27		See 2B27
447	47		See 47
QF449	QF449		Hi voltage rectifier

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Tube Type	Current Service Designation	Other Number	Class Description
QK449	QK449		Magnetron
ZP449	3C29		See 3C29
449	449		Obsolete. See 522
E450TH	450TH		See 450TH
F450TH	450TH		See 450TH
WL450	450TH		See 450TH
450	50		See 50
450T	450T		Transmitting triode amplifier. Replace by 450TL
450TH	450TH	E450TH, F450TH, 3-450A4/450TH, VT-108, HK854H, 854H, WL450	Transmitting triode amplifier (nearest equivalent HK854H)
450TL	450TL	3-450A2/450TL, HK854L	Transmitting triode amplifier (nearest equivalent HK854L)
GL451	8020		See 8020
QK451	QK451		Special 5J26
ZP451	8020		See 8020
451	8020		See 8020
GL452	GL452		Transmitting triode amplifier (superseded by 892)
QF452	5969		See 5969
QF453	5972		See 5972
ZP453	5BP4		See 5BP4
HK-454A	HK-454A		Transmitting triode. Obsolete. Use 250TH
HK454C	HK454C		Transmitting triode amplifier
HK454H	250TH		See 250TH
HK454L	250TL		See 250TL
QF454	5967		See 5967
C455	C455		Replace with 830B
GL455	9LP7		See 9LP7
QF455	5970		See 5970
WL455	WL455		Therapy type triode (obsolete)
ZP455	9LP7		See 9LP7
QK456	5968		See 5968
WL-456	WL456		Diode vacuum rectifier
456	56		See 56
QK457	QK457		Miniature ruggedized pulsed magnetron, tunable
BL459	BL459		Microwave cavity
QK459	QK459		CW magnetron, tunable, modifier QK387 and 388
QK460	QK460		CW tunable magnetron, modified QK387 and 388
WL460	WL460		Transmitting and therapy type, triode amplifier. (Similar to FP252A, HF200, NU200)
X461	X461	2-240	High vacuum half-wave rectifier transmitting

Tube Type	Current Service Designation	Other Number	Class Description
WL463	WL463		Therapy type HF triode (similar to C300, HF300)
GL464	2C44		See 2C44
GL464A	2C43		See 2C43
QK464	6835		See 6835
WL464	WL464		Type WL460, except Mu is 60
ZP464	2C43		See 2C43
ZP464A	2C43		See 2C43
464	2C43		See 2C43
464A	2C43		See 2C43
QK465	QK465		Magnetron-Same as QK301A except with push pull tuner
ML466R	ML466R		Transmitting triode, selected version of 6697
QF466	QF466		Twin triode subminiature electrometer
QK466	QK466		CW magnetron
466A	466A	466S	UHF special purpose
466S	466A		See 466A
WL468	WL468		Therapy type HF triode oscillator
ZP468	7BP7		See 7BP7
WL469	WL469		Therapy type HF triode (supersedes WL211)
ZP469	ZP469		Transmitting UHF triode (obsolete)
QK470	7484/QK470		See 7484/QK470
ZP470	316A		See 316A
GL471	471		Superseded by 471A (1B21A)
GL471A	471A		See 471A
WL471	8003		See 8003
ZG471A	471A		See 471A
471	471	1B21, GL471	Superseded by 471A (1B21A)
471A	471A	1B21A, ZG471A, GL471A	TR tube. Obsolete, no replacement needed. Break glass and leave air gap
QK472	QK472		Magnetron, similar to 2J42, 6527 and Z1960 series
WL472	WL472		Therapy type triode oscillator
472	7286		See 7286
GL473	GL473		FAC amplifier-three electrodes. See WL5736 improved version
WL473	WL473	WX3225	Small metal anode transmitting
QK474	QK474		Carcinotron (see QK421 also QK485 and 486)
X474	2C39A		See 2C39A
GL475	5FP7		See 5FP7
ZP475	5FP7		See 5FP7
QF477	QF477/5884		See 5884
WL477R	477R		See 477R
ZP477	12DP7		See 12DP7

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Tube Type	Current Service Designation	Other Number	Class Description
477R	477R	WL477R	Transmitting VHF tetrode power amplifier-Forced air cooled
QK478	5971		See 5971
WL478R	478R		See 478R
478R	478R	WL478R	Transmitting VHF tetrode power amplifier-forced air cooled
QK479	QK479		Tunable magnetron, improved 2J51
WL479R	479R		See 479R
479R	479R	WL479R	Transmitting VHF tetrode power amplifier-forced air cooled
QK480	QK480		Magnetron. See QK512
ZP480	5BP1		See 5BP1
480	80		See 80
GL481	GL481	ZA481	Diode gas switching tube (obsolete)
QK481	QK481		Carcinotron
X-481D	X-481D		Klystron, rugged reflex
ZA481	GL481		See GL481
481	81		See 81
QK482	QK482		Carcinotron, X band
482	82		See 82
482A	482A		Receiving power amplifier triode (nearest equivalent 71A)
482B	182B/482B		See 182B/482B
GL483	483		See 483
QK483/6573	6573		See 6573
483	483	GL483, 183/483	Special 851, subsequently dropped in favor of 851
GL484	3J24		See 3J24
K484	6465		See 6465
QK484	QK484		Carcinotron
ZP484	3J24		See 3J24
484	3J24		See 3J24
GL485	3J25		See 3J25
K485	6466		See 6466
QK485	QK485		Carcinotron
ZP485	3J25		See 3J25
485	485		Receiving triode amplifier detector (obsolete)
GL486	3J26		See 3J26
QK486	QK486		Carcinotron
ZP486	3J26	VT-256	See 3J26
486	3J26		See 3J26
QK487	QK487		Magnetron, fixed frequency
GL488	12GP7		12GP7
QK488	QK488		Magnetron, tunable, pulsed
WL488	WL488		Triode vacuum control tube
ZP488	12GP7		See 12GP7
488	12GP7		See 12GP7
QK489	QK489		Magnetron, similar to QK346
ZG489	ZG489	VT-282	Thyratron (obsolete)

Tube Type	Current Service Designation	Other Number	Class Description
CV490	CV490		Hi vacuum rectifier, prototype VX6021
QF491	QF491		Subminiature dual electrometer
QK492	QK492		CW, tunable magnetron
498	498		Transmitting triode (508 characteristics). See also 508
QKL499	QK499		Magnetron
GL500	GL500		Phototube
H-500	5949		See 5949
CK501	CK501		Receiving pentode voltage amplifier
CK501AX	CK501AX		Hearing aid type pentode. Obsolete
CK501LX	CK501LX		Resistance coupled pentode amplifier
SS501	SS501	R706, R7601	U-shaped argon filled control tube
501A	01A		See 01A
CK502	CK502		Hearing aid type pentode amplifier with base (discontinued)
CK502A	CK502A		Subminiature pentode
CK502AX	2E36		See 2E36, similar to 2E35
GL502	GL502	ZP502	Thyratron (See GL502A)
GL502A	GL502A	502A	Thyratron (metal version of 2050)
M502	M502		Magnetron, air-cooled (British)
QM502	5757		See 5757
SS502	SS502	K7610	Gas filled discharge tube. Obsolete
VA502	VA502		Klystron
ZP502	GL502		See GL502
502	502		Thyratron, gas tetrode
502A	GL502A		See GL502A
502AX	2E35		See 2E35
502AY	2E36		See 2E36
502R	502R		Obsolete. See also 5761
CK503	CK503		Hearing aid type pentode amplifier with base (discontinued)
CK503AX	5854		See 5854
CK503X	CK503X		Hearing aid type pentode (with tinned leads) (discontinued)
M503	M503		Magnetron (British)
T503P2	154-265		See 154-265
VA503	VA503		Klystron
VR-503	VR-503		British tube
CK504	CK504		Hearing aid type pentode amplifier (discontinued)
CK504AX	CK504AX		Subminiature pentode amplifier. Obsolete
CL504L	CL504L		Photoconductive cell
QK504	QK504		Magnetron, pulsed version of QK442 (QK362)
VA504	VA504		Klystron
VU504	VU504	10E/150, V1901, CV1054	Transmitting diode rectifier (British)
CK505AX	CK505AX		Subminiature pentode amplifier

Tube Type	Current Service Designation	Other Number	Class Description
CK505X	CK505X		Hearing aid type pentode amplifier (discontinued)
DHR505	505		See 505
GL505	3J35		See 3J35
QK505	QK505		Magnetron, pulsed, tunable
505	2J45, 2J46, 2J47	DRH505	See 2J45, 2J46, 2J47
BL506	BL506		Microwave duplexer
CK506AX	CK506AX		Hearing aid type pentode amplifier
GL506	GL506		Diode gas rectifier
QK506	6228		See 6228
VA506	VA506	RE103	Klystron tube assembly
506	506		Diode gas rectifier (ignitron)
BL507	BL507		Short slot hybrid duplexer
CK507AX	CK507AX		Hearing aid type pentode amplifier. Obsolete
QK507	QK507		Stabilotron
RH507	RH507		Triode voltage amplifier (electrometer tube)
QK508	QK508		Magnetron, pulsed
508/6246	6246		See 6246. See also 498
BL509	6604		See 6604
CK509AX	CK509AX		Hearing aid type triode amplifier. Obsolete
GL509	889		Superseded by 889; see 889
GL509R	889R		Superseded by 889R; see 889R
P509	P509		Gaseous glow tube
QK509	QK509		Magnetron, improved QK241
CK510AX	CK510AX		Hearing aid type twin tetrode amplifier
GL510	857B		Superseded by 857B; see 857B
CK-511X	CK-511X		Subminiature receiving tube
QK511	QK511		Magnetron, modified QK389
BL512	BL512		Switching tube
CK512AX	512AX		See 512A
GL512	575A		See 512A
GL512A	575A		See 575A
QK512	QK512		Stabilotron, see also QK480
512	575A		See 575A
512AX	512AX	CK512AX	Subminiature pentode for hearing aid
BL514	BL514		Reference cavity-short slot hybrid junction
GL515	GL515		Thyratron (obsolete, superseded by 4C35)
BL516	BL516		Hybrid duplexer, short slot
GL516	1P24		See 1P24
QK516	QK516		Magnetron tunable pulsed
VCR516	12DP7		See 12DP7
ZP516	1P24		See 1P24
516	1P24		See 1P24
DE0517	FG17		See FG17

Tube Type	Current Service Designation	Other Number	Class Description
DG0517	FG17		See FG17
ZP517	5CP1		See 5CP-
CK518AX	CK518AX		Subminiature hearing aid output pentode
QK518	QK518		Backward wave oscillator
ZP518	5CP4		See 5CP-
BL519	BL519		Duplexer
BL520	BL520		Microwave duplexer
CK520AX	520B		Subminiature power amplifier pentode
GL520B	CK520AX		See 520B
520B	520B	GL520B	Transmitting RF power amplifier oscillator (obsolete)
CK521AX	CK521AX		Subminiature pentode. Obsolete. Use CK524AX
CK521CX	CK521CX		Subminiature output pentode
DRJ521	DRJ521		Receiving interstage amplifier (obsolete)
CK522AX	6088		See 6088
GL522	3C22		See 3C22
ZP522	3C22		See 3C22
522	3C22		See 3C22
CK523AX	CK523AX		Subminiature hearing aid output pentode. Obsolete. Similar to CK525AX
X523	X523		Klystron
X523B	X523B		Klystron, reflex-integral cavity
X523F	X523F		Klystron, reflex
X523G	X523G		Klystron
CK524AX	CK524AX		Subminiature hearing aid output pentode. Obsolete. Similar to CK529AX
RJ524	RJ524		Non-microphonic amplifier (obsolete)
CK525AX	CK525AX		Subminiature hearing aid output pentode
WL525	304TL		See 304TL
525	304TL		See 304TL
CK526AX	CK526AX		Subminiature hearing aid output pentode
RJ526	RJ526		Triode vacuum control tube
ZP526	3DP1		See 3DP1
CK527AX	CK527AX		Subminiature hearing aid output pentode
QK527	QK527		Magnetron, tunable pulsed
ZP527	6C21		See 6C21
527	527		Transmitting UHF triode oscillator
527A	527A		Transmitting UHF triode
CK528AX	CK528AX		Subminiature hearing aid pentode
DRJ528	DRJ528		Low filament current amplifier (obsolete)
CK529AX	CK529AX		Subminiature hearing aid pentode

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Tube Type	Current Service Designation	Other Number	Class Description
GL529	4C35		See 4C35
ZG529	4C35		See 4C35
QK530	QK530		Magnetron, tunable, ruggedized QK362
WL530	530		See 530
ZG530	1B30		See 1B30
530	530	WL530, VT-122	Transmitting triode amplifier water cooled. Replaced by 530A
530A	530A		Transmitting triode
CK531DX	CK531DX		Subminiature pentode
GL531	GL531	ZG531	Diode gap
QM531	QM531		Twin triode, similar 6J6W
WL531	531		See 531
ZG531	GL531		See GL531
531	531	WL531, VT-141	Transmitting diode vacuum rectifier
CK532DX	CK532DX		Subminiature pentode
GL532	532		See 532
GL532A	1B32/532A		See 1B32/532A
WL532	532		See 532
WL532A	1B32/532A		See 1B32/532A
ZG532	532		See 532
532	532	GA5A, ZG532, WL532, GL532, GA4	Diode gas switching tube (replace with 1B32/532A)
532A	1B32/532A		See 1B32/532A
CK533AX	CK533AX		Subminiature pentode
T533P2	154-165		See 154-165
WL533	WL533		UHF triode, similar to VT98 (Br.)
CK534AX	CK534AX		Subminiature pentode
GL534	24154		See 24154
WL534	VT127A		See VT127A
WL534A	534A		See 534A
534	VT127A		See VT127A
534A	534A	WL534A	Transmitting UHF triode
CK535AX	CK535AX		Subminiature pentode
WL535	304TH		See 304TH
535	304TH		See 304TH
CK536AX	CK536AX		Subminiature pentode
WL536	536		See 536
536	536	VT31 (Br.), WL536, CV1031	Transmitting tetrode
CK537AX	CK537AX		Subminiature pentode
WL537	537		See 537
537	537	VT114(Br.), WL537	Transmitting HF tetrode
CK538DX	CK538DX		Subminiature pentode
QK538	QK538		Carcinotron
WL538	VT90 (Br.)/8011		See VT90 (Br.)/8011
538	VT90 (Br.)/8011		See VT90 (Br.)/8011
CK539DX	CK539DX		Subminiature pentode
QK539	QK539		Magnetron, pulsed, fixed frequency
WL539	539		See 539

Tube Type	Current Service Designation	Other Number	Class Description
WL539A	539A		See 539A
539	539	WL539	Diode gas switching tube
539A	539A	WL539A, 1B39	Diode gas switching tube
QK540	QK540		Backward wave oscillator, modified QK481
ZP540	3FP7		See 3FP7
CK541DX	CK541DX		Subminiature pentode
GL541	541		See 541
ZG541	541		See 541
541	541	GL541, ZG541	Diode gas switching tube
CK542DX	CK542DX		Subminiature pentode
ZP542	3HP7		See 3HP7
CK543DX	CK543DX		Subminiature pentode
T543P2	154-175		See 154-175
BL544	BL544		TR tube, similar to BL524
CK544DX	CK544DX		Subminiature pentode
RJ544	RJ544		Triode vacuum control tube (obsolete)
X545	X545		Klystron
CK546DX	CK546DX		Subminiature pentode
GL546	5663	5663	See 5663
QF546	QF546		Subminiature half wave rectifier. See QF781
CK547DX	CK547DX		Subminiature pentode
QK547	QK547		Klystron
RJ547	RJ547		Non-microphonic triode amplifier
ZG547	3C45		See 3C45
CK548DZ	6418		See 6418
ZP548	12FP7		See 12FP7
CK549DX	CK549DX		Subminiature pentode
GL549	5663		See 5663
ZP549	9GP7		See 9GP7
QK550	QK550		Magnetron, modified QK457
RJ550	RJ550		Triode vacuum control tube
CK551AXA	CK551AXA		Subminiature diode pentode
DRJ551	DRJ551		Triode vacuum control tube (obsolete)
RJ551	RJ551		Triode vacuum control tube (obsolete)
X551D	X551D		Klystron
551	35		See 35
551AX	2E41		See 2E41
551AY	2E42		See 2E42
551S	35S/51S		See 35S/51S
GL553	1P23		See 1P23
QK553	QK553		Carcinotron
RJ553	RJ553		Triode vacuum control tube
553AX	2E31		See 2E31
553AY	2E32		See 2E32
554	554		High vacuum clipper diode rectifier

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Tube Type	Current Service Designation	Other Number	Class Description
DRJ555	DRJ555		Oscillator and current amplifier (obsolete)
QK555	QK555		Carcinotron
555	555		Klystron
555AX	2G21		See 2G21
555AY	2G22		See 2G22
CK556AX	5676		See 5676
QM556	6X4W		See 6X4W
ZP556	4AP10		See 4AP10
QM557	5654		See 5654
QM558	5725/6AS6W	5725	See 5725/6AS6W
558	558		Shunt or rectifier diode
DRJ559	DRJ559		Low grid current amplifier (obsolete)
GL559	559		See 559
QM559	5726/6AL5W		See 5726/6AL5W
559	559	GL559	Transmitting and receiving UHF diode detector (similar to 2B22)
560A	560A		Magnetron. Similar to L3008 and 3018
CK561X	CK561X		Subminiature pentode, similar electrically to 3Q4
561	561		Diode
DRJ562	DRJ562		Current amplifier (obsolete)
GL562	562		See 562
562	562	GL562, F6660	Transmitting vacuum rectifier- Water cooled
RJ563	RJ563		Triode vacuum control tube
X563	X563		Klystron
GL564	1P24		See 1P24
X564	X564		CW klystron, 2KW
X566	X566		Pulsed klystron, 20KW
X566A	X566A		Klystron, forced air cooled
ZJ566	ZJ566		Phototube
CK568AX	5677		See 5677
CK569AX	5678		See 5678
CK569CX	5678		See 5678
569	569		Hydrogen thyratron
CK570AX	5697		See 5697
CK571AX	5886		See 5886
CK573AX	6029		See 6029
CK574AX	6281		See 6281
AM575A	575A		See 575A
EE575A	575A		See 575A
WL575A	575A		See 575A
575A	575A	UE975A, 975A, F375A, GL512A, WL575A, AMS75A, EE575A, 512, VT-187, 375A, GL512	Transmitting diode gas rectifier

Tube Type	Current Service Designation	Other Number	Class Description
UE576X	UE576X		Hi vacuum rectifier, similar to 371B
X576	X576		Pulsed klystron
576	576		High vacuum clipped diode
576A	576A		Hi vacuum clipper diode and rectifier, supersedes 576
GL577	577		See 577
WL577	WL577		Voltage regulator
ZP577	577		See 577
577	577	GL577, ZP577	Transmitting hi vacuum half wave rectifier
X578	X578		Ceramic transmitting tetrode
WL578	8020		See 8020
578	8020		See 8020
WL579B	579B		See 579B
579B	579B	WL579B	Diode hi vacuum half wave rectifier
GL582	GL582		UHF diode
583	583		Hi vacuum clipper diode rectifier
585	50		See 50
589	589		Liquid cooled, HV clipper diode rectifier, similar to 6339
X590	X590		Klystron, CW, water cooled
GL592	592		See 592
592	592		Transmitting triode power amplifier oscillator
593	593		HV, HW rectifier, identical to 577 except base
ZP594	ZP594		Magnetron
ZP595	ZP595		Magnetron
596	596		Hi vacuum, full wave rectifier
ZP597	ZP597		CW magnetron, 1KW
X598	X598		Klystron medium power, tunable
598	598		Tunable magnetron
Z599	Z599		CW magnetron
BL600	6642/BL600		See 6642/BL600
CK600AX	CK600AX		Subminiature triode
EP600	EP600		Corona discharge voltage regulator tube
L600N	6C22		See 6C22
NL600	NL600		Diode gas rectifier (similar to EL1C)
VXR600	VXR600		Corona regulator
600	600		Tunable magnetron
BL601	8048		See 8048
CK602	CK602		UHF pentode amplifier
ZP602	ZP602	2C41	Transmitting triode
BL603	BL603		Band pass TR tube
CK603	CK603		Medium mu triode
CL603A	CL603A		Photoconductive cell
BL604	6646/BL604		See 6646/BL604
CK604A	CK604A		Subminiature pentode
NL604	NL604		Diode gas rectifier (similar to 4B24)

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Tube Type	Current Service Designation	Other Number	Class Description
BL605	BL605		Gas switching tube, TR
GL605	GL605	ML101	Large transmitting
BL606	BL606		Gas switching tube, ATR
CK606BX	5704		See 5704
BL608	BL608		TR tube
CM610	CM610		Carcinotron
KU610	KU610		Thyratron, gas filled
TR610	TR610/BL-T-033		TR tube
610	5811		See 5811
BL612	7152	7152/BL612	See 7152
CK612	6AN5		See 6AN5
BL613	6905		See 6905
NL614	NL614		Diode gas rectifier
BL615	6648/BL615		See 6648/BL615
HY-615	615	VT-235	See 615
NL615	NL615		Diode gas rectifier
ZP615	ZP615		Obsolete. CW magnetron replaced by ZP685, ZP597 and A-133
615	615	HY615	Transmitting and receiving UHF triode amplifier oscillator (similar to British VR135)
ZP616	ZP616		CW magnetron
NL617	NL617		Diode gas rectifier. Equivalent to CE205
NL618	NL618		Diode gas rectifier. Equivalent to EL6B
NL618P	NL618P		Diode gas rectifier
BL619	BL619		TR tube band pass
CK619AX	CK619AX		Triode, miniature, receiving tube
WL619	WL619	WX3260	Transmitting air-cooled
BL622	BL622		TR tube
QKS622	8129/QKS622		See 8129/QKS622
WL-624	WL-624		Thyratron
BL625	6805		See 6805
NL625	NL625	CE202	Diode gas rectifier
KU627	KU627	627	Thyratron mercury vapor
NL627	NL627	RX212	Diode gas rectifier
627	KU627		See KU627
CK628	6247		See 6247
KU-628	KU-628		Gas rectifier
WL-629	WL-629	RCA885, 629	Gas filled thyratron
629	WL629		See WL629
QK630	QK630		Stabilitron, water cooled
WL630	WL630	730	Tetrode (obsolete) use 2051
631P1	631P1	R4100, 1D21/631P1, SN4, 1D21, R4101	Cold cathode neon discharge tube
BL632	BL632		Broadband TR tube, version of BL37
QK632	QK632		Magnetron
WL-632	632		See 632

Tube Type	Current Service Designation	Other Number	Class Description
WL-632B	WL-632B		Thyratron
632	632	WL632	Thyratron
632A	632A		Thyratron-mercury
X633	X633		Hi power klystron
NL635	NL635		Diode gas rectifier, similar to EL6B
KU636	KU636		Gas rectifier
636	636		Gas thyratron
ZP638	ZP638		CW magnetron
ZP639	ZP639		CW magnetron
KX642	KX642	WL642	Triode voltage arrester (protector tube). Obsolete
WL-642	KX642		See KX642
BL643	6906		See 6902
NL643	NL643		Diode gas rectifier
Z647	Z647		CW tunable magnetron
648P1	648P1	R4200	Cold cathode neon discharge tube
NL649	5834		See 5834
NL649/5834	5834		See 5834
BL650	6396		See 6396
BL651	BL651		Dual TR tube
BL651H	BL651H/MXT-27		Dual TR tube with heater
WL-651/656	WL-651/656		Ignitron, see also 5552
BL652	BL652		Dual TR tube
WL-652	5551		See 5551
WL-652/657	5551		See 5551
NL653/5835	5835		See 5835
QK653	7577		See 7577
HK654	HK654		Transmitting triode
WL655/658	5553		See 5553
WL656	5552		See 5552
Z656	Z656		Ignitron
660	660		Vacuum rectifier
QK662	7156		See 7156
QK662A	QK662A		Pulsed packaged magnetron (7156 without mechanical tuner)
663B-129	663B-129		Radiation counter neutron
QK665	8371		See 8371
QK666	8372		See 8372
Z666	Z666		CW magnetron, see also 5J32
QK668B	QK668B		CW Magnetron
Z668	Z668		Reflex klystrons
WL672	672		See 672
672	672	WL672, WX3172	Thyratron-mercury vapor
672A	672A		Thyratron-mercury vapor
673	673		Diode gas rectifier, same as 575A except base
Z675	Z675	ZP675	Magnetron. Obsolete
ZP675	Z675		See Z675
KU676	676		See 676
WL676	676		See 676

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Tube Type	Current Service Designation	Other Number	Class Description
676	676	WL676, KU676	Thyratron mercury
WL-677	WL-677	677	Thyratron
ZP677	ZP677		Magnetron
677	WL677		See WL677
WL-678	678		See 678
678	678	WL678, WX3230	Thyratron, mercury vapor rectifier
EP680	7615/EP680		See 7615/EP680
WL681	5550		See 5550
WL681/686	5550		See 5550
WL682	WL682	WX3194	Diode gas rectifier (ignitron)
Z682	2C49		See 2C49
G683	5B21		See 5B21
QK685	7571/QK685		See 7571/QK685
685	685		CW magnetron--(see also 594)
QK686	7460/QK686		L band
WL686	5550		See 7460/QK686
BL693	7309		See 5550
ZP693	ZP693		See 7309
SD698C	1207		Magnetron, replaced by L3002
Z698	Z698		See 1207
BL700	BL700		TR tube
BR-700	7SP7		Spark gap tube
EP700	EP700		See 7SP7
ML700	ML700		Corona discharge regulator tube
WE700A	700A		Triode RF heating oscillator-amplifier
700A	700A	WE700A	See 700A
700B	700B		Magnetron (replace with 4J42)
700C	700C		Magnetron (replace with 4J42)
700D	700D		Magnetron (replace with 4J42)
700T	4J42		Magnetron (replace with 4J42)
CE701	CE701		See 4J42
WE701A	701A		Lead sulphide phototube
701A	701A	WE701A	See 701A
CE702	CE702		Transmitting UHF tetrode amplifier
CEA702-C2	CEA702-C2		Lead sulphide phototube
WE702A	702A		Photocell
702A	702A	WE702A	See 702A
702B	702B		Three-electrode gas switching tube
QK703	7572		(obsolete) Use 702B
WE703A	368AS/703A		Improved 702A
703A	368AS/703A		See 7572
WE704A	704A		See 368AS/703A
704A	704A	WE704A, D159765, 225TQ, WE225TQ	See 368AS/703A
CK705	CK705		See 704A
RK705A	705A		Miniature UHF diode detector
WE705A	705A		Geranium crystal diode
			See 705A
			See 705A

Tube Type	Current Service Designation	Other Number	Class Description
705A	705A	WE705A, D159780, RK705A, 8021, 378A, WE378A, VT-255	Transmitting diode vacuum rectifier, half wave
705WA	705WA		Transmitting diode vacuum rectifier
R706	SS501		See SS501
SD706	7G8		See 7G8
WE706A	706A		See 706A
WE706AY	706AY		See 706AY
706A	706A	WE706A	Magnetron (obsolete). Use 706AY
706AY	706AY	WE706AY, WL443	Magnetron (replace with 2J61)
706B	706B		Magnetron (obsolete). Use 706BY
706BY	706BY		Magnetron (replace with 2J61)
706C	706C		Magnetron (obsolete). Use 706CY
706CY	706CY		Magnetron (replace with 2J61)
706D	706D		Magnetron (obsolete). Use 706DY
706DY	706DY		Magnetron (replace with 2J61 or 2J62)
706E	706E		Magnetron (obsolete). Use 706EY
706EY	706EY		Magnetron (replace with 2J62)
706FY	706FY		Magnetron (replace with 2J62)
706GY	706GY		Magnetron (replace with 2J62)
706T1	2J62		See 2J62
GK707	CK707		Germanium crystal diode
WE707A	707A		See 707A
707A	707A	WE707A	Klystron. Obsolete. Superseded by 707B
707B	707B	QK26	Klystron. (Usually replaceable by 2K28)
CK708	CK708		Rectifier crystal unit
WE708A	708A		See 708A
708A	708A	WE708A	Receiving UHF triode amplifier converter (similar to 1272Y)
K709	K709		Klystron
WE709A	709A		See 709A
709A	709A	WE709A	Three-electrode gas switching tube
CK710	CK710		Crystal diode, UHF
CM710	CK710		Carcinotron
NL710/6011	NL710/6011		Thyratron
WE710A	VT90 (Br.)/8011		See VT90 (Br.)/8011
WL710	WL710		Ballast tube
710A	VT90 (Br.)/8011	VT-240	See VT90 (Br.)/8011
CK711	CK711		Germanium crystal diode assembly
WE711A	711A		See 711A
WL711	WL711		Current regulator (ballast)
XR711	CE75V		See CE75V
711A	711A	WE711A, 1287Y	Oscillator (British)
E712	E712		Photoconductive cell
WE712A	712A		See 712A
WL712X	WL712X		Ballast tube
712A	712A	WE712A	Superseded by 707A

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Tube Type	Current Service Designation	Other Number	Class Description
712Y	712Y		Ballast tube
CK713	CK713		Germanium diode
QKH713	QKH713		Magnetron
WE713A	713A		See 713A
713A	713A	WE713A	Receiving pentode amplifier (similar to 717A)
J-714	2J22		See 2J22
NL714	NL714		Thyratron (similar to FG17)
WE714A	714A		See 714A
WE714AY	714AY		See 714AY
714	2J22		See 2J22
714A	714A	WE714A	Magnetron. Obsolete. Use 714AY
714AY	714AY	WE714AY	Magnetron
NL715	FG17		See FG17
WE715A	715A		See 715A
WL715	WL715		Neon glow lamp
715A	715A	WE715A	Obsolete-superseded by 715B and 715C
715B	715B		Transmitting pulse modulator tetrode. Superseded by 715C
715C	715C		Improved type 715B. Similar to 5D21. Replaced by 4PR60A
CK716	CK716		Germanium crystal diode
WE716A	716A		See 716A
716A	716A	WE716A	Thyratron. Superseded by 722A
CK717	CK717		Germanium diode
WE717A	717A		See 717A
717A	717A	WE717A, VT-269	Receiving pentode amplifier oscillator
WE718A	718A		See 718A
WE718AY	718AY		See 718AY
718A	718A	WE718A	Magnetron (obsolete)
718AY	718AY	WE718AY	Magnetron
718B	718B		Magnetron (obsolete)
718BY	718BY		Magnetron
718C	718C		Magnetron (obsolete)
718CY	718CY		Magnetron
718D	718D		Magnetron (obsolete)
718DY	718DY		Magnetron
718E	718E		Magnetron (obsolete)
718EY	718EY		Magnetron
SK719	1AB5		See 1AB5
WE719A	719A		See 719A
719A	719A	WE719A	Transmitting clipper diode
CK720	CK720		Junction transistor
WE720A	720A		See 720A
WE720AY	720AY		See 720AY
720A	720A	WE720A	Magnetron (obsolete)
720AY	720AY	WE720AY	Magnetron (replace with 4J45)
720B	720B		Magnetron (obsolete)

Tube Type	Current Service Designation	Other Number	Class Description
720BY	720BY		Magnetron (replace with 4J46)
720C	720C		Magnetron (obsolete)
720CY	720CY		Magnetron (replace with 4J47)
720DY	720DY		Magnetron
720EY	720EY		Magnetron
CK721	CK721		Germanium transistor
WE721A	721A		See 721A
721A	721A	WE721A	Obsolete, superseded by 721B
721B	721B		TR tube
CK722	CK722		Germanium transistor
WE722A	722A		See 722A
722	722		Obsolete type
722A	722A	WE722A	Thyratron (similar to 287A)
WE723A	723A		See 723A
723A	723A	WE723A	Replaced by 2K25
723A/B	2K25	1439XQ	See 2K25
WE724A	724A		See 724A
724A	724A	WE724A, 1331	Replaced by 724B
724B	724B		TR tube
WE725A	725A		See 725A
725A	725A	1330M, WE725A	Magnetron (may be replaced with 2J53)
WE726A	726A		See 726A
726A	726A	WE726A	Klystron
726B	726B		Klystron
726C	726C		Klystron
WE727A	727A		See 727A
727A	727A	WE727A	Cold cathode gas triode rectifier relay regulator (obsolete) replace with 395A; Similar to 395A
WE728AY-GY	728AY-GY		See 728AY-GY
WL728	WL728		Phototube
728AY-GY	728AQ-GY	WE728AY-GY	Magnetrons. Replaced by 4J51
728T	WJ51		See 4J51
QK729	QK729		Magnetron
WE729A	1B23		See 1B23
729A	1B23		See 1B23
WE730A	730A		See 730A
730	WL630		See WL630
730A	730A	WE730A	Magnetron, fixed frequency, pulsed
QK731	QK731		Magnetron
731A	6AK5		See 6AK5
WE732A	3B24		See 3B24
732A	3B24		See 3B24
QK733	QK733		Magnetron
QKB734	7530		See 7530
WL734	PJ22		See PJ22
WL735	868		See 868
735	868	See 868	
WL737	WL737		Gas phototube

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Tube Type	Current Service Designation	Other Number	Class Description
WL738	WL738		Vacuum phototube
CK739	CK739		Germanium diode
WL739	WL739	5WB	Gas phototube
NL740	NL740		Thyratron
NL741	NL741		Thyratron
WL741	923		See 923
CK742	CK742		Germanium diode
SD742	SD742		Type ILN5 with double screen (obsolete)
QKB747	7531/QKB747		See 7531/QKB747
QF748	QF748		Subminiature pentode
QKW750B	8128/QKW750B		See 8128/QKW750B
750T	750T		Transmitting triode amplifier. Obsolete
750TH	750TH		Transmitting triode amplifier. Obsolete
750TL	750TL	HK1054L, 3-750A2/750TL	Transmitting triode amplifier. Similar to 750TH
QF753	CK1030		See CK1030
QF754	CK1031		See CK1031
WL756	756		See 756
756	756	WL756	Transmitting triode amplifier
SD759A	SD759A		Accelerometer
WL759	759		See 759
759	759	WL759	Thyratron
CK760	CK760		Germanium transistor
CK761	CK761		Germanium transistor
CK762	CK762		Germanium transistor
WL-762	WL762		Pirani pressure indicating tube
QF766	QF766		Subminiature pentode. Similar to 6AJ5
QF767	QF767		Subminiature triode, low mu
WL767	WL767		Ultra-violet responsive phototube
WL769	WL769		Vacuum control tube (obsolete)
SN-770	SN-770		Subminiature tube (obsolete)
WL770	WL770		Vacuum phototube
WL773	WL773		Ultra-violet responsive phototube
WL775	WL775		Ultra-violet responsive phototube
C778A	1947		See 1947
SA780	2C28		See 2C28
C781	1946		See 1946
QF781	QF781		Subminiature half wave rectifier. See QF546
SA781A	2E29		See 2E29
SA782B	2D29		See 2D29
C785	1949		See 1949
WL786	FG166		See FG166
C787A	1948		See 1948
WL788	WL788		Ballast tube
WL788Y	WL788Y		Ballast tube

Tube Type	Current Service Designation	Other Number	Class Description
WL788Z	WL788Z		Ballast tube
WL789	WL789		Ultra-violet responsive phototube
WL790	WL790		Thyratron
C791	1950		See 1950
C796C	5734		See 5734
C798B	5734		See 5734
BL800	6780		See 6780
BL800A	6316		See 6316
C800	800		See 800
GL800	800		See 800
TI-800	TI-800		Phototransistor
VA-800A	VA-800A		Klystron amplifier, 10KW, 1700-1930 Mc
VA-800B	VA-800B		Klystron amplifier, 10KW, 1930-2160 Mc
VA-800C	VA-800C		Klystron amplifier, 10KW, 2160-2400 Mc
800	800	RK30, C800, GL800, VT-64	Transmitting triode amplifier
C801A	801A		See 801A
GL801	801A		See 801A
HY801A/801	801A		See 801A
NU801A/801	801A		See 801A
801	801A		See 801A
801A	801A	UE310, HY801A/801, GL801, C801A, WE350D, 801, NU801A/801, 305D, VT-62, 801A/801	Transmitting triode amplifier
801A/801	801A		See 801A
GL802	802		See 802
VA-802A	VA-802A		Klystron, 1KW, 1700-1930 Mc
VA-802C	VA-802C		Klystron, 1KW, 2160-2400 Mc
VA-802D	VA-802D		Klystron, 1KW, 2450-2700 Mc
WL802	802		See 802
802	802	WL802, GL802	Transmitting pentode amplifier oscillator (nearest equivalent RK25, RK25B)
BL803	6781		See 6781
GL803	803		See 803
T803	803		See 803
VA-803B	VA-803B		Klystron, 1KW, 3700-4200 Mc
WL803	803		See 803
803	803	RK28A, 28A, WE322A, WL803, GL803, T803, 322A, VT-106	Transmitting pentode amplifier
803A	CE3A/B		See CE3A/B
803W	803W		Ruggedized version of 803. Never made
GL804	804		See 804

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Tube Type	Current Service Designation	Other Number	Class Description
RCA804	804		See 804
SD804A	SD804A		Subminiature triode
VA-804A	VA-804A		Klystron amplifier, 4.4 to 4.5 KMc
VA-804B	VA-804B		Klystron amplifier, 4400-5000 Mc
804	804	GL804, RCA804	Transmitting pentode amplifier (RK20A, nearest equivalent)
C805	805		See 805
GL805	805		See 805
NU805	805		See 805
RCA805	805		See 805
T805	805		See 805
VA-802B	VA-802B		Klystron, 1KW, 1930-2160 Mc
VA-805	VA-805		Klystron amplifier 5.8 to 6.4K Mc
VA805A	VA-805A		Klystron amplifier
VA-805B	VA-805B		Klystron amplifier 5925-6425 Mc
VA-805D	VA-805D		Klystron, 1KW, 6575-6875 Mc
805	805	WE331A, 331A, UE905, RK57, C805, GL805, T805, NU805, RCA805, UE905A, VT-143	Transmitting triode amplifier
GL806	806		See 806
SD806C	SD806C		Subminiature tetrode
VA-806A	VA-806A		Klystron amplifier, water cooled, not interchangeable with VA806B
VA-806B	VA-806B		Klystron amplifier, water cooled, not interchangeable with VA806A
WL806	806		See 806
806	806	WL806, GL806	Transmitting triode amplifier
GL807	807		See 807
NU807	807		See 807
RK807	807		See 807
WL807	807		See 807
807	807	HY61/807, WL807, RK807, GL807, NU807, A4051, ATS25, 10E/587, VT-100, HY61, A4051J, VT60A (Br.)	Transmitting pentode amplifier (Type 1625 characteristics; similar to RK39 except for capacitances; similar to British VT60, VT60A. See also 5933. Not directly interchangeable)
807A	807A		Transmitting beam power amplifier Superseded by 5933WA
807 Modified	807 Modified	VT-100A	Transmitting beam power amplifier
807W	5933		See 5933
807WA	5933WA		See 5933WA
EE808	808		See 808
GL808	808		See 808
VA-808	VA-808		Klystron amplifier, pulsed, fixed frequency
808	808	38808, GL808, EE808	Transmitting triode amplifier
809	809	NU30Z, HY30Z, 30Z, WL908	Transmitting triode amplifier- Modulator-Multiplier

Tube Type	Current Service Designation	Other Number	Class Description
GL810	810		See 810
VA-810	VA810		Klystron
WL810	810		See 810
810	810	WL810, GL810	Transmitting triode amplifier (Type 1627 characteristics)
EE811	811		See 811
GL811	811		See 811
VA-811	VA811		Klystron amplifier
VA811B	VA811B		Klystron amplifier
VA811C	VA811C/L3742		Klystron amplifier
WL811	811		See 811
811	811	VT-127, WL811, GL811, EE811	Transmitting triode
811-A	811A		Improved 811
811W	811W		Transmitting triode (rugged)- obsolete
EE812	812		See 812
GL812	812		See 812
WL812	812		See 812
812	812	WL812, GL812, EE812	Transmitting triode. Replaced by 812A
812-A	812A		Modified version of type 812
GL813	813		See 813
NU813	813		See 813
QK813	8182/QK813		See 8182/QK813
T813	T813		See 813
WL-813	813		See 813
813	813	WL813, GL813, NU813, T813, VT-144	Transmitting tetrode (similar to British CV26)
CG814	814		See 814
GL814	814		See 814
T814	HV12/T814		See HV12/T814
814	814	RK47, GL814, CG814, VT-154	Transmitting tetrode amplifier (nearest equivalent RK48A/RK48, HV12)
GL815	815		See 815
WL815	815		See 815
815	815	WL815, GL815, VT-287	Transmitting HF twin pentode
GL816	816		See 816
VA816J	VA816J		Pulse amplifier klystron
816	816	NU866JR/816, HY886JR, GL-816 VT-216	Transmitting diode gas rectifier (Type 2B26 with plate connection at top)
VA818	VA818		Klystron amplifier
T822	HV27/T822		See HV27/T822
822S	822S		Transmitting triode amplifier
GL825	825		See 825
NU825	T825		See T825
RCA825	825		See 825

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Tube Type	Current Service Designation	Other Number	Class Description
T825	T825	NU825	Transmitting UHF multi-element amplifier
VA825B	VA825B		Reflex klystron
VA825C	VA825C		Reflex klystron
825	835	GL825, RCA825	Transmitting UHF multi-element amplifier (obsolete)
GL826	836		See 826
826	826	GL826	Transmitting UHF triode
GL827R	827R		See 827R
VA827B	VA827B		Klystron amplifier
827R	827R	GL827R	Transmitting UHF tetrode amplifier, air cooled
GL828	828		See 828
RCA828	829B		See 829B
SD828A	5638		See 5638
SD828E	5634		See 5634
SD828F	1W5		See 1W5
VA828	VA828		Klystron amplifier
WL828	828		See 828
828	828	WL828, GL828	Transmitting pentode amplifier
GL829	829B		See 829B
NU829	829B		See 829B
RK829	829B		See 829B
RK829B	829B		See 829B
S829	S829		Diode gas switching tube—No replacement tubes required; break glass, leave air gap
SD829	1B43		See 1B43
829	829	VT-259	Transmitting UHF twin pentode amplifier oscillator. Superseded by 829B
829A	3E29		See 3E29
829B	829B	NU829, RK829, RK829B, RCA828, GL829	Transmitting UHF twin pentode amplifier oscillator
C830B	830B		See 830B
GL830B	830B		See 830B
T830B	830B		See 830B
830	830		Transmitting triode amplifier. Replaced by 830B
830-B	830B	930B, HY51B, C830B, GL-830B, T830B, UE930B	Transmitting triode amplifier
831	831		Transmitting triode amplifier (obsolete)
831A	831A		Transmitting triode amplifier
GL832	832		See 832
NU832	832		See 832

Tube Type	Current Service Designation	Other Number	Class Description
832	832	GL832, NU832, British VT88, 10E/9, VT-118	Transmitting UHF twin pentode amplifier (obsolete; superseded by 832A)
832A	832A	VT-286	Transmitting twin pentode amplifier
C833	833A		See 833A
GL833A	833A		See 833A
T833A	833A		See 833A
WL833A	833A		See 833A
833	833A		See 833A
833A	833A	C833, 833, WL833A, GL833A, T833A	Transmitting triode amplifier oscillator
GL834	834		See 834
SD834	6K4		See 6K4
834	834	BW11, GL834, WE304B	Transmitting UHF triode amplifier oscillator (nearest equivalent is UH50; similar to 8019 and British types NT58, NT58A, VT62 and DET12 except for British 4-pin base)
GL835	835		See 835
SD835H	6BL6		See 6BL6
SD835K	6BM6		SEE 6BM6
835	835	GL835	Replace with 38111A (similar to 211C 311C, 1984, GE1144A)
EE836	836		See 836
GL836	836		See 836
RK836	836		See 836
S836	1960		See 1960
SB836	SB836		Diode gas switching tube
SD836	SD836		Subminiature type pentode amplifier
836	836	38266A, GL836, RK836, EE836, VT-236	Transmitting diode vacuum rectifier (nearest equivalent RK21)
836A	836A		Transmitting diode vacuum rectifier. Replace with 836
GL837	837		See 837
RK837	837		See 837
WL837	837		See 837
837	837	RK44, RK837, WL837, GL837, A4002B, VT-101	Transmitting pentode amplifier
C838	838		See 838
GL-838	838		See 838
NU838	838		See 838
SD838	SD838		Receiving lock-in type special version of 1626
T838	838		See 838
WL838	838		See 838
838	838	NU838, UE938, RK58, C838, WL838, GL838, T838	Transmitting triode amplifier

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Tube Type	Current Service Designation	Other Number	Class Description
839	839		Transmitting tetrode amplifier (for replacement only)
GL840	840		See 840
840	840	GL840	Receiving RF pentode (obsolete)
C841	841		See 841
GL841	841		See 841
PT841	841		See 841
841	841	UE941, DE941, 841A, C841, PT841, GL841, VT-51	Transmitting triode amplifier
841A	841		See 841
841SW	841SW		Transmitting triode amplifier
GL842	842		See 842
PT842	842		See 842
842	842	UE942, PT842, GL842, VT-72	Transmitting triode amplifier
GL843	843		See 843
RCA843	843		See 843
S843B	1961		See 1961
843	843	RCA843, GL843, VT-73	Transmitting triode amplifier
844	844		Transmitting tetrode amplifier (obsolete)
C845	845		See 845
GL845	845		See 845
NU845	845		See 845
R845	845		See 845
T845	845		See 845
UV845	845		See 845
WL845	845		See 845
845	845	T845, 845B, C845, 3945, UE945, 38145, R845, WL845, UV845, GL845, NU845, VT-43	Transmitting triode amplifier (will replace 284D in all but a few RF applications)
845B	845		See 845
845W	845W		Ruggedized version of 845
GL846	846		See 846
ML846	846		See 846
RCA846	846		See 846
SB846	2C36		See 2C36
SB846A	2C37		See 2C37
SB846B	5764		See 5764
SB846D	5764		See 5764
SB846F	6018		See 6018
SB846H	5767		See 5767
846	846	GL846, F346A, RCA846, ML846, 146	Transmitting triode amplifier oscillator-water cooled
SD847A	1B40		See 1B40
848	848	F348A	Transmitting triode amplifier oscillator (obsolete)
A849A	849A		See 849A

Tube Type	Current Service Designation	Other Number	Class Description
A849H	849H		See 849H
C849	849		See 849
C849A	849A		See 849A
C849H	849H		See 849H
F849	849		See 849
GL849	849		See 849
RCA849	849		See 849
SD849B	3J22		See 3J22
UE849	849		See 849
WL849	849		See 849
849	849	C849, UE849, UE949, 296A, GL849, F849, WL849, RCA849, UE49	Transmitting triode amplifier oscillator
849A	849A	C489A, A849A	Transmitting triode amplifier
849H	849H	C849H, A849H	Transmitting triode amplifier (special 849A for HF therapy)
GL850	850		See 850
850	850	GL850, VT-60	Transmitting tetrode amplifier
C851	851		See 851
GL-851	851		See 851
RCA851	851		See 851
UV851	851		See 851
WL851	851		See 851
851	851	UE951, 2172, C851, WL851, UV851, GL851, RCA851, VT-41	Transmitting triode amplifier
C852	852		See 852
GL852	852		See 852
RCA852	852		See 852
852	852	UE952, 952, C852, RCA852, GL852	Transmitting triode amplifier
S853	1B25		See 1B25
853	853		Obsolete
HK854H	450TH		See 450TH
HK854L	450TL		See 450TL
854	854		Obsolete
854H	450TH		See 450TH
855	855		Rectifier (obsolete)
S856	OA2		See OA2
856	856		Rectifier (for replacement only)
F857A	857A		See 857A
F857B	857B		See 857B
GL857A	857A		See 857A
GL-857B	857B		See 857B
WL-857B	857B		See 857B
857A	857A	EB42, F857A, GL857A	Transmitting diode gas rectifier superseded by 857B

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Tube Type	Current Service Designation	Other Number	Class Description
857B	857B	WL857B, F357A, 3072, F857B, GL857B, 3815B, EB42, GL510	Transmitting diode gas rectifier similar to WE266C)
F858	858		See 858
GL858	858		See 858
RCA858	858		See 858
858	858	3717, F858, GL858, RCA858	Transmitting triode amplifier Water-cooled
S859	OC2		See OC2
859	859		Receiving triode amplifier (obsolete)
GL860	860		See 860
UX860	860		See 860
WL860	860		See 860
860	860	3119, WL860, GL860, UX860, VT-17	Transmitting tetrode amplifier
GL861	861		See 861
ML861	861		See 861
P861	P861		Receiving duodiode rectifier
QF861	6540		See 6540
UV861	861		See 861
861	861	3124A, GL861, UV861, ML861, VT-19	Transmitting tetrode amplifier
861A	861A		Transmitting tetrode amplifier
F862	862A		See 862A
F862A	862A		See 862A
GL862	862A		See 862A
GL-862A	862A		See 862A
RCA862	862A		See 862A
WL862	862A		See 862A
862	862		Transmitting triode amplifier Superseded by 862A (Type F898 characteristics)
862A	862A	F862, GL862, RCA862, GL862A, F862A, WL862, 3675	Transmitting triode amplifier Water cooled
F863	863		See 863
F863A	863		See 863
RCA863	863		See 863
863	863	RCA863, F863A, F863, F363A	Transmitting RF power amplifier modulator oscillator (obsolete, superseded by 892)
GL864	864		See 864
HY864	864		See 864
864	864	3864A, GL864, VT-24, HY864, 264	Receiving triode amplifier (low microphonic noise)
GL865	865		See 865
WL865	865		See 865
865	865	865A/865, 3394, WL865, GL865, VT-55	Transmitting tetrode amplifier
865A/865	865		See 865

Tube Type	Current Service Designation	Other Number	Class Description
C866	866A		See 866A
C866A	866A		See 866A
CE866A/866	866A		See 866A
EE866A/866	866A		See 866A
GL866A/866	866A		See 866A
HY866JR	816		See 816 (similar to 866A with 1/2 rating)
KY866	KY866		Grid controlled gas rectifier
NU866A/866	866A		See 866A
NU866JR/816	816		See 816
RCA866A	866A		See 866A
RK866	RK866		Transmitting diode rectifier
T866A/866	866A		See 866A
T866B	866B		See 866B
UX866	866A		See 866A
WL866A/866	866A		See 866A
866	866A		See 866A
866A	866A	VT-46 C866A, C866, RCA866A, UE966, UE966A, 966, 966A, WL866A/866, GL866A/866, NU866A/866, 3069, UE966A, 38166, UX866, RK866, T866A/866, CE866A/866, 3572, EE866A/866, British CV32, Z225, GU12, 866, F366A, VR216A T866B	Transmitting diode gas rectifier (superseded and replaced by 3B28)
866B	866B		Transmitting diode gas rectifier (obsolete)
866JR	2B26		See 2B26
867	867		Superseded by 868
868	868	59A4, PJ23, WL735, 735, CE1D, 868/PJ23, G9	Gas phototube (similar to 1P23; see 1P23). Red-infra-red sensitive
868/PJ-23	868		See 868
CE869B	869B		See 869B
EE869B	869B		See 869B
F869B	869B		See 869B
GL-869B	869B		See 869B
RCA869A	869A		See 869A
RDA869A	869A		See 869A
UV869	869A		See 869A
UV869A	869B		See 869B
WL-869B	869B		See 869B
869	869	VT-39	Transmitting diode gas rectifier. Superseded by 869 and 869B
869A	869A	VT-39A, RDA869A, UV869, RCA869A	Transmitting diode gas rectifier (superseded by Type 869B)

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Tube Type	Current Service Designation	Other Number	Class Description
869B	869B	3071, F869B, UV869A, WL869B, GL869B, CE869B, F369B, EE869B	Transmitting diode gas rectifier (similar to WL424)
GL870	870A		See 870
GL-870A	870A		See 870A
RCA870	870A		See 870A
870	870	GL870	Superseded by 870A
870A	870A	RCA870, GL870A	Transmitting diode gas rectifier (for replacement only)
GL871	871		See 871
871	871	4102, GL871, UE971, 971	Transmitting diode gas rectifier (obsolete)
BB872AA	872A		See 872A
C872A	872A		See 872A
CE872A	872A		See 872A
F872A	872A		See 872A
F872B	872A		See 872A
GL-872A	872A		See 872A
GL872A/872	872A		See 872A
NU872A/872	872A		See 872A
RCA872A	872A		See 872A
T872A/872	872A		See 872A
WL872A/872	872A		See 872A
872	872A	VT-42	See 872A
872A	872A	NU872A/872, C872A, UE972A, 972, 972A, RCA872A, UE972, F353, T872A/872, 3070, GL872A, CE872A, WL872A/872, F872B, GL872A/872, BB872A, 872, F353A, 872A/872 F872A	Transmitting diode gas rectifier (similar to 8008, WE319A, and 4B32)
872 (Special Fil.)	872	VT-42A	Transmitting diode gas rectifier
EE873	873		See 873
T873	873		See 873
873	873	UE973, 973, WT230, T873, EE873, UX973	Thyratron
E874	E-874		Subminiature pentode
GL874	874		See 874
874	874	3918, GL874	Diode voltage regulator
T875A	875A		See 875A
875A	875A	T875A	Transmitting diode gas rectifier
876	876		Ballast tube (obsolete)
GL878	878		See 878
878	878	GL878, REL-16, 878A, REL52	Special purpose diode vacuum rectifier
878A	878	REL52	See 878
879	2X2A		See 2X2A

Tube Type	Current Service Designation	Other Number	Class Description
GL-880	880		See 880
ML-880	880		See 880
OS880	OS880		Bureau of Ordnance specification number for GL299
WL880	880		See 880
880	880	WL880, GL880, ML880	Transmitting triode amplifier modulator. Water cooled
WL881	881		See 881
881	881	WL881	Transmitting diode gas rectifier
GL884	884		See 884
RX884	884		See 884
884	884	VT-222, GL884, 6Q5G, RX884	Thyratron gas triode. Type 885 characteristics
884W	884W		Ruggedized version of 884
GL885	885		See 885
RCA885	WL629		See WL629
RX885	885		See 885
885	885	GL885, 2B4, RX885	Thyratron. Type 884 characteristics (similar to WL629)
886	886		Ballast tube (obsolete)
GL887	887		See 887
887	887	GL887	Transmitting UHF triode amplifier oscillator (obsolete)
GL888	888		See 888
888	888	GL888	Transmitting UHF triode amplifier oscillator (obsolete)
GL889	889		See 889
GL889R	889R		See 889R
WL889	889		See 889
WL889R	889R		See 889R
889	889	GL889, WL889, GL509	Transmitting triode amplifier modulator-Water cooled (superseded by 889A)
889A	889A		Improved 889
889R	889R	WL889R, GL889R, A2551A, GL509R	Transmitting triode amplifier modulator (superseded by 889RA)
889RA	889RA	A2251B	Transmitting triode amplifier-modulator. Replaced by 5667
F891	891		See 891
F891R	891R		See 891R
GL891	891		See 891
GL891R	891R		See 891R
RCA891	891		See 891
RCA891R	891R		See 891R
WL891	891		See 891
WL891R	891R		See 891R
891	891	F892, RC891, GL891, WL891	Transmitting triode amplifier modulator-Water Cooled
891M	891M		Modified version of 891

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Tube Type	Current Service Designation	Other Number	Class Description
891R	891R	F891R, RCA891R, GL891R, WL891R,	Transmitting triode amplifier modulator-Forced air cooled
F892	892		See 892
F892R	892R		See 892R
GL892	892		See 892
GL892R	892R		See 892R
RCA892	892		See 892
RCA892R	892R		See 892R
WL892	892		See 892
WL892R	892R		See 892R
892	892	F892, RCA892, GL892, WL892	Transmitting triode amplifier modulator-Water cooled (superseded GL452). Similar to 5668
892M	892M		Modified version of 892
892R	892R	F892R, RCA892R, WL892R, GL892R	Transmitting triode amplifier modulator
F893	893		See 893
F893R	893R		See 893R
GL893	893		See 893
GL893R	893R		See 893R
ML893	893		See 893
RCA893	893		See 893
WL893	893		See 893
893	893	RCA893, ML893, F893, GL893, WL893	Superseded by 893A
893A	893A		Transmitting triode amplifier modulator-Water cooled
893AR	893AR		Forced air cooled. Transmitting triode
893R	893R	GL893R, F893R	Transmitting triode (superseded by 893AR)
WL895	895		See 895
WL895R	895R		See 895R
895	895	WL895	Transmitting triode, water cooled
895R	895R	WL895R	Transmitting triode
RCA896	5620		See 5620
WL896	5620		See 5620
896	5620		Ballast tube, see 5620
RCA897	897		See 897
897	897	RCA897	Ballast tube (obsolete. For replacement only)
F898	898A		See 898A
GL898	898A		See 898A
GL898A	898A		See 898A
RCA898	898A		See 898A
WL898	898A		See 898A
898	898A		See 898A
898-A	898A	F898, RCA898, GL898, WL898, GL898A, 898	Transmitting triode amplifier modulator-Water cooled
WL899A	899A		See 899A

Tube Type	Current Service Designation	Other Number	Class Description
899A	899A	WL899A	Transmitting triode amplifier modulator-Water cooled
GL901	901		See 901
RCA901	901		See 901
S901C	5651		See 5651
901	901	GL901, RCA901	"Crater" tube (glow discharge)
GL902	902P1		See 902P1
902	902P1	GL902	See 902P1
902A	902P1A		See 902P1A
902P1	902P1	902, GL902	Cathode ray tube
902P1A	902P1A	902A	Zero 1b1 version of 902P1
903	903		Cathode ray tube (obsolete)
GL904	904		See 904
904	904	GL904	Cathode ray tube (obsolete)
UE905	805		See 805
UE905A	805		See 805
905	905		Cathode ray tube. Replaced by 905A
905A	905A		Zero 1b1 version 905
906P-----	3AP-----		See 3AP-----
GL907	907		See 907
907	907	GL907	Cathode ray tube. Obsolete. Use 905A
GL908	908		See 908
WL908	809		See 809
908	908	GL908	Cathode ray tube (Type 3AP----- electrical and physical characteristics) Replaced by 908A
908A	908A		Cathode ray tube
909	909		Cathode ray tube (Type 905 electrical and physical characteristics)
910	910		Cathode ray tube (type 3AP----- electrical and physical characteristics)
911	911		Cathode ray tube (Type 3AP----- electrical and physical characteristics)
911CH	911CH		Transmitting triode amplifier
SD912	SD912		Equivalent to two gun tube. Cathode ray tube, similar 5FP
912	912		Cathode ray tube
GL913	913		See 913
913	913	GL913	Cathode ray tube. Obsolete
914	914	GL14	Cathode ray tube
914A	914A		Cathode ray tube
QK915A	4J59		See 4J59
QK15B	4J58		See 4J58
QK915C	4J57		See 4J57
GL917	917		See 917
SD917	5637		See 5637
SD917A	5637		See 5637
917	917	CE11V, GL917, 59TAV3, NU11V, 11V, CE60	Vacuum phototube

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Tube Type	Current Service Designation	Other Number	Class Description
GL918	918		See 918
918	918	VT-246, CE1C, GL918	Gas phototube (red-infra-red sensitive)
GL919	919		See 919
919	919	NU31V, CE31V, CE31VD, GL919, 82AV4	Vacuum phototube
919A233G01	919A233G01		Photomultiplier tube assembly
GL920	920		See 920
920	920	CE21C, GL920, 60A3	Gas twin phototube
GL921	921		See 921
921	921	GL921	Gas phototube red-infra-red sensitive
GL922	922		See 922
QKB922	QKB922		Backward wave oscillator
922	922	GL922	Vacuum phototube red-infra-red sensitive
GL923	923		See 923
923	923	84A3, GL923, WL741, VT-252	Gas phototube red-infra-red sensitive
GL924	924		See 924
924	924	CE22D, GL924	Gas phototube; see 1P41
GL925	925		See 925
925	925	GL925	Vacuum phototube (red-infra-red sensitive)
GL926	926		See 926
926	926	GL926	Vacuum phototube (violet-green sensitive)
GL927	927		See 927
927	927	1P32, NU20, NU20C, GL927, 51A3, G15F, CE25C, CE25D, NU25C; 53AWB	Gas phototube (red-infra-red sensitive); (similar to CE36C which has shorter base)
GL928	928		See 928
928	928	CE28D, GL928, 85A4, 59D	Gas phototube (red-infra-red sensitive)
GL929	929		See 929
929	929	GL929, 61DV3	Vacuum phototube (blue sensitive). Replaced by 1P39
GL930	930		See 930
UE930B	830B	HY51B	See 830B Obsolete
930	930	GL930, CE30C, 61A3	Gas phototube (infra-red sensitive)
930B	830B		See 830B
CW-931	205B		See 205B
GL931	931		See 931
GL931A	931A		See 931A
931A	931A	GL931A	Vacuum multiplier phototube (blue sensitive), replace with 931A
931	931	GL931	Obsolete, replace with 931A sensitive) (selected 931; see 1P21)
931AY	931VA		See 931VA

Tube Type	Current Service Designation	Other Number	Class Description
931VA	931VA	931AY	931A with low-loss phenolic base. 931VA with micanol base is 2031
932	932	32E	1229 aged for grid stability; replace with 1229
CW-933	203B		See 203B
933	933		Vacuum phototube. Obsolete
BL934	BL934	MK13	Dual TR tube
BL934A	BL934A	MK14	Dual TR tube
934	934		Miniature vacuum phototube
GL-935	935		See 935
935	935	GL935	Vacuum phototube (ultra-violet sensitive)
RCA936	1P24		See 1P24
936	1P24		See 1P24
UE938	838		See 838
DE941	841		See 841
UE941	841		See 841
UE942	842		See 842
SN944	5633		See 5633
UE945	845		See 845
SN946	5647		See 5647
SN947	5640		See 5640
SN947C	5640		See 5640
SN948	5644		See 5644
SN949	5643		See 5643
SN949B	5643		See 5643
SN949C	5643		See 5643
UE949	849		See 849
UE949H	UE949H		Transmitting triode (HF version of 849)
950	950		Receiving pentode amplifier (similar to 1J5G and 33)
UE951	851		See 851
951	1B4P/951		See 1B4P/951
UE952	852		See 852
952	852		See 852
HK953B	953B		See 953B
HK953D	953D		See 953D
HK953E	953E		See 953E
SN953	5639		See 5639
SN953A	5639		See 5639
SN953D	5639		See 5639
953	953		Australian acom type
953B	953B	4B33, HK953B	Transmitting diode vacuum rectifier
953D	953D	5B33, HK953D	Transmitting diode vacuum rectifier
953E	953E	7B33, HK953E	Transmitting diode vacuum rectifier
SN954C	5641		See 5641
954	954	VT-120, VR-95(Br.), ZA2	Receiving pentode, acom
GL955	955		See 955

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Tube Type	Current Service Designation	Other Number	Class Description
SN955	5635		See 5635
SN955B	5635		See 5635
955	955	VR59 (Br.), HA2, VT-121, GL955, 10E/11452	Transmitting and receiving acorn type triode
GL956	956		See 956
SN956	5642		See 5642
SN956A	5642		See 5642
SN956B	5642		See 5642
956	956	GL956, VT-238	Receiving acorn type pentode
BL957	BL957		TR tube
SN957	5645		See 5645
SN957A	5645		See 5645
957	957	VT-237	UHF triode, acorn
GL958	958A		See 958A
958	958	VT-212	Superseded by 958A
958A	958A	GL598	Transmitting and receiving acorn type triode
GL959	959		See 959
959	959	GL959	Transmitting and receiving acorn type pentode
V960	VO133		See VO133
BL962	BL962		Pre TR tube
SN966	SN966		Subminiature low microphonic pentode
UE966	866A		See 866A
UE966A	866A		See 866A
966	866A		See 866A
966A	866A		See 866A
BL967	BL967	MK12	TR tube
UE967	FG17		See FG17
967	FG17		See FG17
SC968	SC968		Low Mu triode
SC968B	5987		See 5987
SC-969C	SC-969C		Half wave hi vacuum rectifier
SN969	SN969		Low voltage rectifier
SB970	SB970		Twin pentode RF power oscillator
SA971	SA971		Low drain secondary emission pentode
UE971	871		See 871
971	871		See 871
SN972	SN944		Long life version of 5633. See SN944
SN972D	5899		See 5899
UE972	872A		See 872A
UE972A	872A		See 872A
972	872A		See 872A
972A	872A		See 872A
BL973	BL973/MCT11	MCT11	TR tube
SN973	SN973		Long life version of 5634
SN973B	5840		See 5840

Tube Type	Current Service Designation	Other Number	Class Description
SN973C	5840		See 5840
UE973	873		See 873
UX973	873		See 873
973	873		See 873
QKK974	QKK974		Klystron amplifier
SN974	SN974		Long life version of 5639
SN974B	5639		See 5639
SN975	SN975		Subminiature duodiode triode
UE975A	575A		See 575A
975A	575A		See 575A
SN976	5902		See 5902
SN976D	5902		See 5902
SN977	SN977		Long life version of 5641
SN978	SN978		Long life version of 5647
SN979	5718		See 5718
SN979D	5718		See 5718
SN980	5719		See 5719
SN980D	5719		See 5719
SN981	SN981		Long life version of 5644
SN981B	5644		See 5644
BL982	BL982		Dual TR tube
SN982	SN982		Long life version of 5643
SN983	SN983		Subminiature RF pentode
SN983B	5905		See 5905
QK984	QK984 or L3441A	L3441A	Backward wave oscillator
SN984	SN984		Subminiature mixer
SN984A	5908		See 5908
QK985	QK985 or L3444A	L3444A	Backward wave oscillator
SN985	SN985		Subminiature RF pentode
SN985B	5906		See 5906
985	985		Receiving duodiode rectifier
SN986	SN986		Subminiature mixer (similar to 6AS6)
SN986B	5916		See 5916
986	986		Receiving duodiode rectifier
SA987	SA987		Low drain secondary emission pentode
SA988	SA988		Subminiature low Mu triode
SD988C	5904		See 5904
SA989	SA989		Subminiature duodiode
SD989B	5903		See 5903
SA990	SA990		Subminiature remote cut-off pentode
SD990B	5907		See 5907
SA991	SA991		Receiving subminiature AF power amplifier
991	991	Navy VG-8, NE16	Receiving voltage regulator
SA992	SA992		Subminiature high Mu triode
SD992C	5898		See 5898
SA993	SA993		Subminiature low Mu triode
SD993C	5897		See 9897
BL994	BL994		TR tube

Tube Type	Current Service Designation	Other Number	Class Description
SA994	SA994		Subminiature duodiode
SD994B	5896		See 5896
SA995	SA995		Subminiature remote cut-off pentode
SD995B	5900		See 5900
SA996	SA996		Subminiature sharp cut-off pentode
SD996B	5901		See 5901
SD997	SD997		High Mu triode
SD998	SD998		High Mu triode with feed back probe
4-1000	4-1000		Transmitting power tetrode
BR1000	10QP7		See 10QP7
BX10000	6710		See 6710
EC1000	8254		See 8254
H1000	5C22		See 5C22
V-1000	1N33		Crystal rectifier
VXR-1000	VXR-1000		Corona regulator tube
1000	1000UHF		See 1000UHF
1000 Special	6C21		See 6C21
1000T	1000UHF		See 1000UHF
1000UHF	1000UHF	1000, 3-1000A4/1000T, 1000T	Reamitting triode
R1001	3C36		See 3C36
SR1002	SR1002		Subminiature triode (similar to 6K4 Replaced by SR1195-A
CK1003	OZ4A/1003		See OZ4A/1003
CK1003/OZ4A	OZ4A/1003		See OZ4A/1003
1003	OZ4A/1003		See OZ4A/1003
1003/OZ4A	OZ4A/1003		See OZ4A/1003
CK1004	1004		See 1004
1004	1004	CK1004	Receiving duodiode gas rectifier
CK1005	1005		See 1005
H1005	H1005		Direct view storage tube, two-guns
1005	1005	VT-195, CK1005, QMG159	Receiving duodiode gas rectifier, full wave
CK1006	1006		See 1006
SN1006	5646		See 5646
1006	1006	CK1006, VT-249	Receiving duodiode gas rectifier
A1007	A1007		Tunable packaged megnetron. Obso- lete. Use A1007A
A1007A	A1007A		Tunable packaged magnetron. Replaced by A1032
CK1007	1007		See 1007
SN1007	5636		See 5636
SN1007A	5636		See 5636
1007	1007	CK1007	Receiving duodiode gas rectifier
1007 (Anton)	1007 (Anton)		Counter tube
A1008	A1008		Tunable magnetron, CW
CH1008	CH1008		Miniature gas triode pulse generator
CK1008	1008		See 1008
1008 (Anton)	1008 (Anton)		Counter tube

Tube Type	Current Service Designation	Other Number	Class Description
1008	1008	CK1008	Receiving duodiode rectifier. Use 1005
CK1009	1009/BA		See 1009/BA
CK1009/BA	1009/BA		See 1009/BA
ZV1009	7049		See 7049
1009	1009/BA		See 1009/BA
1009/BA	1009/BA	CK1009, BA, 1009, CK1009/BA	Receiving duodiode gas rectifier
CD1010CL	VG-11	NE-2	Neon lamp
CK1010	1010		See 1010
H1010	7222		See 7222
H1010-CP20	H1010-CP20		Direct view storage tube
1010	1010	CK1010	Receiving duodiode gas rectifier
CK1011A	1B48		See 1B48
CK1012	CK1012		Receiving duodiode gas rectifier
H1012	7220		See 7220
A1013	A1013		Tunable packaged magnetron. Obsolete. Use A1007A
CK1013	5517		See 5517
B1014P4	B1014P4		Cathode ray tube
SC1016C	SC1016C		Long life version of 5634
SN1016A	SN1016A		Subminiature sharp cut-off pentode
CK1017	5962		See 5962
SC1017C	SC1017C		Long life version of 5633
SN1017A	SN1017A		Subminiature sharp cut-off pentode
CK1018	CK1018		Geiger-Mueller counter tube
E1018	E1018		Subminiature pentode
A-1019	A-1019		CW magnetron, tunable, similar to A1032
CK1019	CK1019		Geiger-Mueller counter tube
CK1020	CK1020		Geiger-Mueller counter tube
CK1021	CK1021		Geiger-Mueller counter tube
CH1022	CH1022		Half wave gas rectifier, similar to 4B32
CK1022	CK1022		Diode voltage regulator
NL1022	NL1022		Ignitron
CK1023	CK1023		Geiger-mueller counter tube
K1023	K1023		1 inch, curved face, single beam cathode ray tube, magnetic focus
SD1023	SD1023		UHF probe diode
CK1024	CK1024		Full wave gas rectifier
E1024	VT114 (Br.)		See VT114 (Br.)
SD1024	6AZ5		See 6AZ5
B1026	3WP-----		See 3WP-----
CK1026	CK1026		Geiger-Mueller counter tube
CK1027	6174		See 6174
CK1028	CK1028		Half wave gas rectifier
CK1029	CK1029		Geiger-Mueller counter tube
CK1030	CK1030	QF753	Spark gap tube
CK1031	CK1031	QF754	Spark gap tube

Tube Type	Current Service Designation	Other Number	Class Description
CV1031 A1032	536 A1032		See 536 Tunable packaged magnetron. Replaces A1007A, A1037 similar
CK1032 H1033 SD1033 CK1034 K1034	CK1032 H1033 5722 CK1034 K1034		Geiger-Mueller counter tube Direct view storage tube See 5722 Counter tube 7 inch diameter, curved face, single beam, magnetic deflection and focus cathode ray tube
CK1035 CK1036 A1037	CK1035 6436 A1037		Counter tube See 6436 Tunable packaged magnetron. Similar to A1032
CK1037 K1037	6437 K1037		See 6437 10 inch, single beam, magnetic deflection and focus cathode ray tube
A1038 B1038 CK1038 K1038P1	A1038 10WP7 K1038P1	6438	Travelling wave tube, low noise See 10WP7 See 6438 3 inch, 2 beam, electrostatic focus and deflection cathode ray tube
NU-R1038 R1038 1038AV CK1039	R1038 R1038 1038AV CK1039	NU-R1038	See R1038 Ionization gauge Phototube Subminiature voltage regulator, corona discharge. Replaced by 6143
EN1039A CK1042 K1043	5840 6659 K1043		See 5840 (Sharp cut-off RF pentode) See 6659 1-inch, single beam, electrostatic deflection and focus cathode ray tube
CK1044 R1045 K1047	CK1044 1Z2 K1047		Subminiature counter tube See 1Z2 5 inch, two beams, electrostatic deflection and focus cathode ray tube
K1049	K1049		1-inch, single beam, electrostatic deflection and focus cathode ray tube
A-1050 K1050	A-1050 K1050		Travelling wave amplifier, pulsed 5-inch, two beam, electrostatic focus and deflection cathode ray tube
A1051 H1051 K1051	A1051 H1051 K1051		Travelling wave tube, low noise Memotron storage tube 3-inch, two beam, electrostatic deflection and focus cathode ray tube
M1051P2	M1051P2		Cathode ray tube, electrostatic focus and deflection
A1052 K1052 CK1053	A1052 7XP2 CK1053		Pulsed magnetron See 7XP2 Subminiature cold cathode electrolytic cell

Tube Type	Current Service Designation	Other Number	Class Description
K1053	K1053		12-inch single beam, electrostatic focus and deflection cathode ray tube
CV1054	VU504		See VU504
HK1054L	750TL		See 750TL
A1055	A1055		Tunable 4J50 version
K1055	K1055		3-inch, single beam, electrostatic deflection and focus cathode ray tube
A1056	A1056		Low noise travelling wave tube
K1056	K1056		5-inch, single beam, electrostatic focus and deflection cathode ray tube
A1057	A1057		Pulsed traveling wave tube
K1057	K1057		3-inch, single beam, electrostatic focus and deflection cathode ray tube
A1058	A1058		Low noise traveling wave amplifier
H1058	H1058		Direct view storage tube, 3-gun
K1058	2DPI		2-inch, single beam, electrostatic deflection and focus cathode ray tube
K1059	K1059		2-inch, single beam, electrostatic deflection, magnetic focus cathode ray tube, with an 11-electrode target
B1060	5ADP-----		See 5ADP-----
M1060	2C53		See 2C53
CH1062	CH1062		Hydrogen thyratron, see also 1258
SD1063A	SD1063A		Remote RF pentode
A1064	A1064		Low noise TWT amplifier, formerly A1038
SD1064	6287		See 6287
A1065	A1065		Low noise TWT amplifier
K1065P-----	3ADP-----		See 3ADP-----
SD1065C	SD1065C		Reliable miniature RF power amplifier
A1066	A1066		Tunable, pulsed magnetron. See also A1055
SD1066A	1D3		See 1D3
A1067	A1067		Tunable, pulsed magnetron. See also A1055
K1069	5BDP-----		See 5BDP-----
A1070	A1070		Tunable pulsed magnetron
K1070P7	K1070P7		Cathode ray tube, superseded by 7ATP7
A1071	A1071		Backward wave oscillator
K1075	K1075		3-inch, single beam, electrostatic deflection, magnetic focus cathode ray tube
K1076	K1076		4-inch diagonal, square face, two beam, electrostatic focus and deflection cathode ray tube
CH1078	7454		See 7454

Tube Type	Current Service Designation	Other Number	Class Description
K1079	K1079		3-inch, single beam, electrostatic deflection and magnetic focus cathode ray tube
K1084	K1084		16-inch, single beam, magnetic focus and deflection cathode ray tube
CK1087	CK1087		Thyratron
CK1088	CK1088		Cold cathode thyratron
CK1089	CK1089		Gas rectifier-cold cathode thyratron
CK1090	CK1090		Obsolete. Gas rectifier - miniature thyratron, (See also CK1089, 5823, 395A and 359A)
CK1091	2B25		See 2B25
1091	2B25		See 2B25
A1092A	A1092A		See 6865
CK1093	CK1093		Half wave gas rectifier
CH1095	7586		See 7586
K1095	K1095		Cathode ray tube, superseded by 7AEP-
SN1096A	SN1096A		Subminiature RF pentode
K1097	7ACP-----		See 7ACP-----
CH1100	7410		See 7410
R1100	1100		See 1100
1100	1100	R1100	Pirani type manometer tube
SD1103	SD1103		Klystron
SN1103D	5836		See 5836
1103D	1103D		Subminiature semi-remote cut-off pentode
1103S	1103S		Subminiature semi-remote cut-off pentode
SD1104	SD1104		Klystron, modified 6BL6
K1105	3ACP-----		See 3ACP-----
C1106	C1106/6AZ6		Subminiature UHF triode, similar to 6AL5
E-1106	E-1106		Subminiature pentode
NU1106	6AZ6		See 6AZ6
B1109	B1109		Redesigned 10QP7
K1109	4DP-----		See 4DP-----
R1111	R1111		Gas, measuring tube
K1112P11	K1112P11		Cathode ray tube, electrostatic focus and deflection
A1113V6	A1113V6		Traveling wave tube
C1112	C1112		Subminiature UHF triode
CV1114	VT114 (Br.)		See VT114 (Br.)
CH1115	7455		See 7455
K1115	4HP-----		See 4HP-----
SD1116	SD1116		Subminiature rugged pentode
B1117P7M	B1117P7M		17" cathode ray tube, magnetic deflection
SC1117B	SN979D		Reliable receiving subminiature medium mu triode

Tube Type	Current Service Designation	Other Number	Class Description
SC1117S	SC1117S		Industrial amplifier triode
K1123	7AFP-----		See 7AFP
K1124	7YP-----		See 7YP-----
B1125	5BCP-----		See 5BCP-----
C1125	C1125		Subminiature UHF triode, cold cathode crater lamp
1125A	C1125		Subminiature triode, superseded by C1125
1129	1129		Mazda lamp
K1130P7	K1130P7		Cathode ray tube, rectangular, electrostatic focus and deflection
R1130	1B59/R1130B		See 1B59/R1130B
R1130B	1B59/R1130B		See 1B59/R1130B
1130	1130		Superseded by 1130B
1130B	1B59/R1130B		See 1B59/R1130B
R1131A	R1131A		Superseded by R1131C
R1131B	R1131B		Cold cathode crater glow lamp. Superseded by R1131C
R1131C	R1131C	1131A, R1131B	Cold cathode, Crater glow lamp
R1131SYL	1131		See 1131
1131	1131	R1131 (Syl)	Cold cathode crater lamp. Superseded by R1131C
1131A	1131A		Cold cathode crater lamp. See R1131C. Improved version of 1131A
B1132P7	B1132P7		Cathode ray tube, 10 inch, electrostatic focus, magnetic deflection
1133D	1133D		Subminiature dual control pentode sharp cut-off double ended. Similar to 6AS6 and 5634
CH1137	8080		See 8080
K1137P19	K1137P19		Cathode ray tube, electrically but not mechanically same as 12ACP19, see also 12ARP19
D1139	D1139		Rotary beam tube
K1140P-----	K1140P-----		7 inch, magnetic deflection and focus, cathode ray tube
SC1140A	5719		See 5719
B1142	B1142		Cathode ray tube, 7 inch, small neck, magnetic deflection and focus
B1144	B1144		Cathode ray tube, 5 inch, small neck magnetic deflection and focus
GE1144A	38111		See 38111
SD1144A	SD1144A		Planar triode amplifier
1145	1145		Neon lamp regulator
K1147P	5AFP-----		See 5AFP-----
E1148	E1148	HY-E1148, VT-232	Transmitting triode
HY-E1148	E1148		See E1148
K1149P-----	7ADP-----		See 7ADP-----
K1154P	5AGP-----		See 5AGP
SC1156A	5636		See 5636

Tube Type	Current Service Designation	Other Number	Class Description
A1157	4012/A1157		See 4012/A1157
A1158	A1158		Traveling wave tube
CH1157	8428		See 8428
R1159 SYL	1159		See 1159
1159	1159	R1159 (Syl)	Miniature type diode gas voltage regulator
R1160A	1B46		See 1B46
B1167P18	8MP18		See 8MP18
CH1172	8455		See 8455
B1173	B1173		3-inch cathode ray tube, magnetic deflection, electrostatic focus
B1174	B1174		5-inch cathode ray tube, magnetic deflection, electrostatic focus
B1175	7AQP-----		See 7AQP-----
K1178P	K1178P		Cathode ray tube, 5 inch flat face
K1186	6292		See 6292
E1189	NT98		See NT98
K1189	6291		See 6291
E1190	CV55		CV55
B1191	B1191		10-inch cathode ray tube, electrostatic focus, magnetic deflection
K1193	K1193		10-stage multiplier phototube
K1195	7ABP		See 7ABP-----
K1197	6363		See 6363
E1198	CV38		See CV38
K1198	6364		See 6364
A1200	A1200		Traveling wave tube
A1201V2	A1201V2		Traveling wave tube
NU1201	7E5		See 7E5
1201	7E5		See 7E5
1201A	7E5		See 7E5
K1202	K1202		19-inch, single beam, electrostatic focus, electrostatic and magnetic deflection, metal envelope, cathode ray tube
NU1202X	NU1202X		High voltage shunt regulator
A1203	A1203/M2403N	M2403N	Traveling wave tube
BX1203	BX1203		Beam switch noise generator
NU1203A	7C4		See 7C4, (subminiature twin triode)
1203	7C4/1203A		See 7C4/1203A
1203A	7C4		See 7C4
1204	7AB7/1204		See 7AB7/1204
1205	1205		Receiving lock-in type UHF amplifier
K1206	4FP-----		See 4FP-----
1206	7G8		See 7G8
A1207V32	A1207V32		Traveling wave tube
K1207	K1207		5-inch, single beam, magnetic focus and deflection cathode ray tube
1207	1207	SD598C	Receiving lock-in type UHF twin triode (common plate)

Tube Type	Current Service Designation	Other Number	Class Description
K1211	K1211		3/8-inch diameter, 6 stage photomultiplier
K1212P19	K1212P19		Cathode ray tube, 5 inch, 4 gun
K1213	6365		See 6365
B1217P12	12AWP12		Cathode ray tube, electrostatic focus, magnetic deflection
1218A	8334/1218A		See 8334/1218A
K1220	K1220		Rectangular 12-inch diagonal, dual beam, electrostatic focus and deflection cathode ray tube
K1221	K1221		Rectangular 7-inch diagonal, dual beam, electrostatic focus and deflection cathode ray tube
1221	1221		Receiving triple grid pentode amplifier
K1222	K1222P19A	CK1353P19A	Cathode ray tube, electrostatic focus, magnetic deflection
1223	1223	H250	Receiving pentode amplifier (Type 6C6 characteristic) 1221 with octal base
1225	1225		Receiving lock-in type
1227	1227		Electrometer tube
1229	1229		Receiving tetrode amplifier similar to Types 32, 32E and 932
1230	1230		Receiving triode amplifier similar to Type 30
HY1231Z	HY31Z/HY1231Z		See HY31Z/HY1231Z
K1231	6467		See 6467
1231	1231		Receiving lock-in type pentode amplifier similar to 1851, 7V7, 7W7
E1232	CV92		See CV92
1232	7G7		See 7G7
K1233P14	K1233P14		Cathode ray tube, 7-inch, electrostatic focus and deflection
E1235	CV29		See CV29
K1235P7	K1235P7		Cathode ray tube, 5 1/2-inch, square face, electrostatic focus and deflection
1236	1236		Voltage regulator
1236A	1236A		Voltage regulator
1237	1237		Full wave rectifier, gas filled
K1238	K1238		4 by 6 inches rectangular face, single beam, electrostatic focus and deflection cathode ray tube
SYL 1245	1245		See 1245
1245	1245	SYL 1245	Hearing aid type pentode amplifier. Obsolete no known substitution
SYL 1246	1246		See 1246

Tube Type	Current Service Designation	Other Number	Class Description
1246	1246	SYL 1246	Hearing aid type pentode power amplifier. Obsolete--no known substitution
1247	1247		Subminiature diode probe
CE1250	CR1250		See CR1250
CR1250	CR1250	CE1250	Diode gas rectifier
K1253P1	5BFP7		See 5BFP7
K1255P-----	5AWP-----		See 5AWP-----
VC1257	VC1257		Hydrogen thyatron
1257	FG57		See FG57
VC1258	VC1258		Hydrogen thyatron
1258	1258		Hydrogen thyatron, see also Chatham 1062
K1262P7	6DP7		See 6DP7
L1262	L1262		Diode-noise generator, miniature
1265	1265		Diode gas voltage regulator similar to OC3/VR105
K1266	5ATP-----		See 5ATP-----
1266	1266		Diode gas voltage regulator similar to WE313C
1267	1267	FG67	Thyatron
K1268P-----	7AEP-----		See 7AEP-----
HY1269	HY 1269		6 or 12 volt HY69; see HY69
EP1272	CV1727		Resnatron
1272Y	1272Y	D160206	UHF special purpose Similar to 708A and D160127
E1273	CV58		See CV58
EP1273	EP1273		CW resnatron, see VC1741
1273	1273		Receiving pentode amplifier, non-microphonic. Similar to 7C7. See 1280
1274	1274		Selected 6X5GT. Similar to 5852
K1275P7	K1275P7		Cathode ray tube, multibeam
L1275D	L1275D		Half-wave high vacuum rectifier
1276	1276	WE205D	Transmitting triode
1278/GY2	GY2		See GY2
1280	1280		Non-microphonic pentode amplifier. 14 volt version of 1273
1280CT	2K40		See 2K40
1282	7W7		See 7W7
1284	1284		Receiving UHF pentode
K1285	K1285		10-inch, single beam, electrostatic focus, magnetic deflection, cathode ray tube
1285	1285		Receiving beam power amplifier, similar 25L6G
1287	287A		See 287A
1287Y	711A		See 711A
1288	1288		Receiving lock-in type twin triode, special 1291

Tube Type	Current Service Designation	Other Number	Class Description
1289	1289		receiving lock-in type UHF triode amplifier
1289CT	D167158		See D167158
1290	FG190		See FG190
1291	3B7		See 3B7
1292	1292		Superseded by 3B7/1291
1293	1293		Receiving UHF triode amplifier
1294	1R4/1294		See 1R4/1294
1295	FG95		See FG95
1296	1296		Receiving lock-in type UHF power output
1299	3D6/1299		See 3D6/1299
1299XQ	3B24		See 3B24
L1300	L1300		Thyratron. Version of 5643
CK1301	CK1301		Obsolete. Replaced by CK1301A
CK1301A	CK1301A		Subminiature pentode. Low microphonic CK1301
W1301	NR74		See NR74
1301	01		See 01
1301M	D160573		See D160573
K1304P-----	7ABP-----		See 7ABP-----
Z1304	Z1304		Cathode ray tube, similar to 5CP7
CK1305	CK1305		See 5702WA. Low microphonic pentode, shockmounted
CK1306	CK1306		Low microphonic triode. Shockmounted 5744WA
CK1307	CK1307		Shockmounted - CK6247 low microphonic triode
LI308A	6325		See 6325
K1315P7	K1315P7		Cathode ray tube, electrostatic deflection and focus, 2-gun
E1320	CV51		See CV51
E1325	CV56		See CV56
1325M	D161145		See D161145
E1326	CV56		See CV56
1330M	725A		See 725A
1331	724A		See 724A
E1342	CV64		See CV64
1344	215A		See 215A
CK1353P19A	K1222P19A		See K1222P19A
K1355P-----	5BEP-----		See 5BEP-----
CK1359P7A	16AKP7		See 16AKP7
CK1360P7	CK1360P7		Cathode ray tube, selected 7ABP7
CV1362	VT25(Br.)		See VT25(Br.)
K1362P	K1362P-----		4 by 6 inches rectangular face, dual beam, electrostatic focus and deflection, cathode ray tube
1364XQ	1364XQ		Replaced by 2K50 (1462)
E1365	CV114		See CV114
1365	CV114		See CV114

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Tube Type	Current Service Designation	Other Number	Class Description
GL1367	1367		See 1367
1367	1367	GL1367	Thyratron, obsolete, use 5662
E1368	CV90		See CV90
K1369	K1369		3/2 inch, three beams, electrostatic focus and deflection cathode ray tube
CK1374P4	CK1374P4		Cathode ray tube, 21 inch high resolution
1374GY	D163876		See D163876
CK1378	CK1378		Cathode ray target tube
WE1378X	1B22		See 1B22
1378X	1B22		See 1B22
Special 1379M	4J78		See 4J78
1379M	4J45-47		See 4J45-47
K1381	K1381		6 inch, 3 beam, electrostatic focus and deflection, cathode ray tube
1381HQ	6AK5		See 6AK5
K1382	K1382		Photomultiplier, 10 stage
1382M	5J21-5J25		See 5J21-25
1384M	730A		See 730A
1391X	1B31		See 1B31
1391Z	1B31		See 1B31
1392M	2J49		See 2J49
1393M	2J50		See 2J50
1397M	4J50		See 4J50
1397 Special	4J78		See 4J78
1400XQ	2K22		See 2K22
1401	4J26-30		See 4J26-30
1402	4J21-25		See 4J21-25
SC1405A	SC1405A		Subminiature twin triode
SC1406A	SC1406A		Subminiature twin triode
1407XQ	2K45		See 2K45
1409XQ	2K24		See 2K24
1410XQ	2K25		See 2K25
1411XQ	2K26		See 2K26
1411XQ-1413XQ	2K26		See 2K26
K1413	7AJP-----		See 7AJP-----
1413XQ	2K27		See 2K27
1414XQ	2K29		See 2K29
1414XQ-1415XQ	2K29		See 2K29
E1415	CV117		See CV117
1424M	2J51		See 2J51
1424MQ	2J51		See 2J51
Z1426L-8	Z1426(L-8)		UHF tetrode
1428XQ	2K23		See 2K23
1429CT8	2K48		See 2K48
1429CT9	2K49		See 2K49
K1435P24	K1435P24		Flying spot scanner cathode ray tube
Z1437	Z1437		Glow lamp
1437GT	1B29		See 1B29

Tube Type	Current Service Designation	Other Number	Class Description
1438GT	1B42		See 1B42
1439XQ	723A/B		See 723A/B
E1440	E1440		Magnetron
K1440	7AKP-----		See 7AKP-----
1440M	4J42		See 4J42
1443M	4J51		See 4J51
Z1450	5710		See 5710
1454	1454	1454 (BTL)	High transconductance miniature pentode
1454(BTL)	1454		See 1454
1456M	3J21		See 3J21
1462	2K50		See 2K50
BTL1466	5649		See 5649
1468	2K54		See 2K54
1469	2K55		See 2K55
1471	4J52		See 4J52
K1473P25	K1473P25		Cathode ray tube, rectangular face, single beam, magnetic focus and deflection
K1474P2	K1474P2		Cathode ray tube, 7 inch square face, five beams, electrostatic focus and deflection
Z1474	Z1474		Improved GL546. See 5663
1475M	5J26		See 5J26
1491	2C51		See 2C51
K1493	K1493		Multiplier phototube. Similar to 6467
Z1494	Z1494		See 5654/6AK5W
Z1495	Z1495		Cathode ray tube-daylight viewing
Z1497	Z1497		Ruggedized version of 2C51
WE1498	WE1498		Miniature pentode
Z1498	Z1498		Ruggedized version of 12AU7
1498	1498		Jumbo miniature double power 6AK5
Z1499	6005/6AQ5W		See 6005/6AQ5W
VXR-1500	VXR-1500		Corona regulator tube
1500T	1500T	3-1500A3/1500T	Transmitting triode
VC1502	VC1502		Packaged magnetron
V1507	V1507	REL21	Spark gap tube
K1513	7BRP-----		See 7BRP-----
K1521	Q1521		Cathode ray tube, 7 inch diameter, flat face, electrostatic focus and deflection, 5 beams
1522	419A		Improved 2K45; See 419A
1523	1523		Cathode ray tube for pulse code modulation
1530P1	1530P1		Strobotron
W1535	6F6G		See 6F6G
1537 (BTL)	1537 (BTL)		Modified 2K28
SR1538	5977		See 5977
1538	5780		See 5780
1546	1546	WE418A	Receiving power output tube

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Tube Type	Current Service Designation	Other Number	Class Description
1547	5842		See 5842
CEL1552	C5B		See C5B
1552	C5B		See C5B
SR1553D	6AN4		See 6AN4
1553	416A		See 416A
HK1554	HK1554		Transmitting triode amplifier
1554	5755		See 5755
1555	1555		Magnetron
VC1568	1R6		See 1R6
K1581P25		K1581P25	21-inch rectangular, magnetic focus and deflection, cathode ray tube
K1582P-----	7ATP-----		See 7ATP-----
SN1593-A	SN1593-A		Receiving tube for automatic assembly
BTL1596	5650		See 5650
K1599P7	K1599P7		Cathode ray tube, 19 inch, electrostatic focus, magnetic deflection
GL1602	1602		See 1602
RCA1602	205E		See 205E
1602	1602	GL1602, 10SPCL (RCA)	Transmitting triode amplifier (special type 10. For low microphonic applications)
GL1603	1603		See 1603
1603	1603	GL1603	Obsolete- Receiving low microphonic, low hum, low noise, triple grid pentode (replace with 6C6) electrically similar to 1620 and 5879
1605	1605		Receiving triode amplifier (obsolete-used in noise measurement equipment)
GL1608	1608		See 1608
1608	1608	GL1608	Transmitting high Mu triode amplifier modulator oscillator
GL1609	1609		See 1609
1609	1609	GL1609	Receiving pentode amplifier (low microphonic)
GL1610	1610		See 1610
1610	1610	GL1610	Transmitting pentode amplifier oscillator (selected 47 with transmitting ratings). Obsolete. Use 47
1611	1611		Receiving pentode amplifier (selected 6F6 for cut off), Obsolete. Use 6F6
GL1612	1612		See 1612
1612	1612	GL1612	Receiving pentagrid amplifier (selected 6L6 for low microphonic applications)
GL1613	1613		See 1613
1613	1613	GL1613, VT-175	Receiving pentode amplifier (selected 6F6 with transmitting ratings)
GL1614	1614		See 1614

Tube Type	Current Service Designation	Other Number	Class Description
1614	1614	GL1614	Transmitting tetrode amplifier (selected 6L6 with transmitting ratings). (Replace with 6L6)
GL1616	1616		See 1616
1616	1616	GL1616, VT-266	Transmitting diode vacuum rectifier
1617	1617		Receiving high gain triple grid amplifier. Obsolete. Replace with 6AC7 with circuit changes
GL1619	1619		See 1619
1619	1619	GL1619, VT-164	Transmitting pentode amplifier (quick heating filamentary cathode)
GL1620	1620		See 1620
1620	1620	GL1620	Receiving triple grid amplifier detector (selected 6J7 for low microphonic applications). Discontinued. Same as 1603 except base
GL1621	1621		See 1621
1621	1621	GL1621	Receiving pentode amplifier (selected 6F6 for long life)
GL1622	1622		See 1622
1622	1622	GL1622	Miniature receiving tetrode amplifier (selected 6L6 for long life)
GL1623	1623		See 1623
1623	1623	GL1623	Transmitting triode amplifier (similar to T20 and 809 but with Mu of 20)
GL1624	1624		See 1624
1624	1624	A4154D, GL1624, VT-165, A2154D	Transmitting beam power amplifier. Quick heating filamentary cathode
GL1625	1625		See 1625
1625	1625	GL1625, VT-136	Transmitting beam power amplifier (Type 807 characteristics, but with 12.6V heater)
GL1626	1626		See 1626
1626	1626	GL1626, VT-137	Transmitting triode amplifier. Low drift oscillator. See SD838
GL1627	1627		See 1627
1627	1627	GL1627	Transmitting triode power amplifier (obsolete type 810 characteristics but with 5V-9A filament)
1628	1628	VT-140	Transmitting triode amplifier (obsolete, superseded by 8012)
GL1629	1629		See 1629
1629	1629	GL1629, VT-138	Receiving-electron ray tuning indicator. Similar to 6E5, but with 12.6V heater
1630	1630	12H, VT-128	Orbital beam hexode IHF amplifier (obsolete)
GL1631	1631		See 1631
1631	1631	GL1631	Receiving beam power amplifier (12.6V heater version of 6L6)

Tube Type	Current Service Designation	Other Number	Class Description
GL1632 1632	1632 1632	GL1632	See 1632 Receiving beam power amplifier (12.6V. heater version of 25L6). Obsolete
GL1633 1633	1633 1633	GL1633	See 1633 Receiving twin triode amplifier (25V. heater version of 6SN7GT)
GL1634 1634	1634 1634	GL1634	See 1634 Receiving twin triode amplifier (selected 12SC7 for matched triode units)
1635	1635		Receiving twin triode amplifier (low distortion at low signal levels)
1636	1636		UHF beam deflection heptode amplifier. Obsolete, see 5902, 5640, 5661
RCA1637 1637	1637 1637	RCA1637, A4273, VT52 (Br.)	See 1637 Pentode output amplifier
RCA1638 1638	1638 1638	RCA1638, VR54 (Br.)	See 1638 Duodiode rectifier. Obsolete
RCA1636 1639	1639 1639	RCA1639, A4270, VR55 (Br.)	See 1639 Duodiode triode amplifier
RCA1640 1640	6405 6405		See 6405
GL1641 1641	1641 1641	RK60, GL1641	See 6405 See 1641 Transmitting duodiode vacuum rectifier
K1642	K1642		7-inch cathode ray tube, short neck, electrostatic focus, magnetic deflection
1642	2C21		See 2C21
1643	1643		Pentode power amplifier
1644	1644		Selected 12L8GT. Obsolete
1645	1645		Vacuum phototube with capacitance balancing electrode
1649	1649		Special-purpose pentode amplifier - selected low microphonic 6AC7 - Obsolete, replace with 6AC7W
1650	1650		Special low leakage type 955 acorn tube
1651	1651		Transmitting diode vacuum rectifier (obsolete. For replacement only)
1651A	1651A		Rectifier (obsolete)
1652	1652		Transmitting RF triode amplifier oscillator-Water-cooled (obsolete)
1653	1653		Obsolete
1654	1654		Miniature type diode vacuum rectifier
1655	1655		Selected 6SC7 for matched sections
1656	1656		Selected 446B

Tube Type	Current Service Designation	Other Number	Class Description
1657	1657		Type 2050 with pins 1 and 4 connected
1658	1658	A205D	Receiving 2-volt filamentary triode-low leakage
1659	1659	A4006B	Special selected 2A6. Obsolete. Use 2A6
1660	1660		Diode vacuum rectifier
1661	C6A		See C6A
1662	1662		Miniature type pentode amplifier oscillator (selected 3A4)
1663	1663		Small, special purpose
1664	VT153		See VT153
1665	1665		Special 2050
1666	1666		Selected 1S5 (miniature diode pentode)
1672	FG172		See FG172
1674	38674		Replace with 4B25. See 3874
K1688	K1688		10-stage photomultiplier
M1689	M1689		Transistor
M1698	M1698		Transistor
1698	1698	C73352	Monoscope
1699	1699		Monoscope
Z1700	6122/Z1700		See 6122/Z1700
Z1701	6123/Z1701		See 6123/Z1701
Z1702	6124/Z1702		See 6124/Z1702
1702	1702		CW magnetron
Z1703	6125/Z1703		See 6125/Z1703
Z1704	6127/Z1704		See 6127/Z1704
SR1707	SR1707		Cold cathode glow discharge tube
K1710	K1710		10-stage photomultiplier, selected 6467
Z1723	5797		See 5797
WE1724	WE1724		Transistor
Z1724	5798		See 5798
M1725	M1725		Transistor
M1727	M1727		Transistor
WE1728	WE1728		Transistor
M1729	M1729		Transistor
X1730/6W4GT	Z1730/6W4GT		Full wave rectifier, miniature version of Z1745 and equivalent to 6W4GT
M1740	M1740		Transistor
Z1745	Z1745		Miniature diode
Z1749	5749/6BA6W		See 5749/6BA6W
Z1750	5750/6B16W		See 5750/6BE6W
Z1751	5726/6AL5W		See 5726/6AL5W
WE1752	WE1752		Transistor
VC1754	5948		See 5948
1754	5948		See 5948
K1762P7M	K1762P7M		3½ inch, 3 gun cathode ray tube electrostatic focus and deflection
Z1764	5751		See 5751

Tube Type	Current Service Designation	Other Number	Class Description
M1768	M1768		Transistor
SN1776	6788		See 6788
Z1779	Z1779		Ionization chamber and radiation detector
Z1782	6128		See 6128
Z1783	6129		See 6129
Z1784	X1784		ATR tube
Z1785	Z1785		TR tube
CG1787	1787		See 1787
QF1787	QF1787		Dual space charge tetrode
1787	1787	CG1787	Obsolete - Navy number; nearest equivalent is SE4374
VC1788	VC1788		High voltage vacuum rectifier
ZV1798/5973	5973		See 5973
CK1800	2C50		See 2C50
VXR1800	VXR1800		High voltage regulator
1800	1800		Cathode ray tube. Obsolete
1801	1801		Cathode ray tube. Obsolete
1802	7322		See 7322
1802P-----	5BP-----		See 5BP-----
1803P7	12AP7		See 12AP7
1804P	9AP		See 9AP-----
1805P-----	5AP-----		See 5AP-----
1806P1	3EP1		See 3EP1
1806P4	3EP4		See 3EP4
1808P-----	3CP-----	VT-248	See 3CP-----
1809P1	9JP1		See 9JP1
1810P1	1810P1	C7428, British VCR139A, 10E/466	Cathode ray tube
1811P-----	7CP-----		See 7CP-----
1812P-----	5FP-----		See 5FP-----
K1813P7	7BSP7		See 7BSP7
1813P-----	7BP1		See 7BP1-----
1814P-----	2AP-----		See 2AP-----
1818A	38111A		See 38111A
1819B	212E		See 212E
Z1825	Z1825		Pre-TR tube and ATR, similar to Z1896, Z1947, and Z1951
GL1840	1840		See 1840
RCA1840	1840		See 1840
1840	1840	GL1840, RCA1840	Orthicon
1846	1846		Iconoscope
GL1847	1847		See 1847
1847	1847	GL1847	Iconoscope (superseded by 5527)
GL1848	1848		See 1848
1848	1848	GL1848	Iconoscope (superseded by 1846)
GL1849	1849		See 1849
1849	1849	GL1849	Iconoscope (obsolete, superseded by 1850A)
GL1850	1850		See 1850

Tube Type	Current Service Designation	Other Number	Class Description
1850	1850	GL1850	Iconoscope (obsolete, superseded by 1850A)
1850A	1850A		Iconoscope
GL1851	1851		See 1851
1851	1851	GL1851	Receiving pentode amplifier (characteristics like 6AC7/1852)
1852	6AC7		See 6AC7
1853	6AB7		See 6AB7
Z1854	Z1854		Dyotron
1854	6474		See 6474
Z1855	Z1855		Dyotron
1855	6896		See 6896
CG1860	204A		See 204A
1860	204A		See 204A
1861	218		See 218
1887	220B		See 220B
Z1896	Z1896		Pre TR and ATR, similar to Z1947, Z1825, and Z1951
GL1898	1898		See 1898
1898	1898	GL1898	Cathode ray tube (obsolete)
GL1899	1899		See 1899
1899	1899	GL1899	Cathode ray tube. Obsolete, superseded by 2F21
V1901	VU504		See VU504
GL1904	1904		See 1904
1904	1904	GL1904	Thyratron, mercury vapor
1907	5949		See 5949
Z1908	6126/Z1908		See 6126/Z1908
Z-1910	Z-1910		UHF high Mu triode
Z1911	6442		See 6442
V1920	CV121		See CV121
1923	REL38		See REL38
1923F	CV85		See CV85
1924	CV100		See CV100
Z1931	Z1931		Magnetron oscillator
Z1932	Z1932		Traveling wave tube
1945	1945		Vacuum gauge tube
1946	1946	C781	Transmitting type
Z1947	Z1947		Pre TR and ATR similar to B1896, Z1825 and Z1951
1947	1947	C778A	Transmitting type
1948	1948	C787A	Transmitting type
K1949	12AMP-----	Z4718	See 12AMP-----
1949	1949	C785	Transmitting type
1950	1950	C791	Transmitting type
Z-1951	6620		See 6620
Z1956	6621		See 6621
Z-1957	6619		See 6619
Z-1960	Z-1960		Magnetron, pulsed, fixed frequency

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Tube Type	Current Service Designation	Other Number	Class Description
1960	1960	S836	Protective gap, diode gas switching tube
1961	1961	S843B	Protective gap, diode gas switching tube
Z1964	Z1964		Magnetron, pulsed, fixed frequency
Z1965	Z1965		Magnetron, pulsed, fixed frequency
Z-1966	Z-1966		Magnetron, oscillator, fixed frequency
Z-1967	Z-1967		Magnetron, oscillator, fixed frequency
Z-1968	Z-1968		Magnetron, oscillator, fixed frequency
1971	207		See 207
Z-1975	Z-1975		Gas discharge tube
Z-1977	Z-1977		TWT amplifier
Z-1978	Z-1978		Magnetron, tunable
K1983P7	10ANP7	SC2862P7	See 10ANP7
1984	38111		See 38111
BX2000	6711		See 6711
CD2000	CD2000		Special neon diode tube
L2000	7154/L2000		See 7154/L2000
LR2000	T44S15		See T44S15
RCA2000	4B26		See 4B26
Z2000	Z2000		Twin triode for computers. Similar to 6J6
2000	4B26		See 4B26
2000T	2000T	3-2000A3/2000T	Transmitting triode, medium Mu. Forced air cooled
VXR2002	VXR2002		High voltage regulator tube
2002	2002		Cathode ray tube
L2007	L2007		Noise source
A2009J	8019		See 8019
B2012P7A	B2012P7A		Cathode ray tube
L2012-1	L2012-1		TR tube
D2013	D2013		Traveling wave tube
2013	2013		Medium Mu twin triode
D2014	D2014		Traveling wave tube
HD2016A	HD2016A		Crystal rectifier diode
K1017P2	154-175	T543P2	See 154-175
B2024P7A	B2024P7A		Aluminized version 10KP7A, replace with 10AKP7
2027	CV125		See CV125
2030/2031	2030/2031		Cathode ray tube - monotron
2031	2031		Photomultiplier-931VA with low-loss phenolic base
M2039B	M2039B		Transistor
2039	6950/2039		See 6950/2039
2041	2041	A2515H	Superpower tetrode
HD2046	HD2046		Germanium diode
K2046P2	154-165	T533P2	See 154-165
HD2047	HD2047		Germanium diode
D2048	D2048		Traveling wave tube
HD2048	HD2048		Germanium diode

Tube Type	Current Service Designation	Other Number	Class Description
2048	2048		Vidicon camera tube
GL2050	2050		See 2050
2050	2050	VT-245, GL2050, B2A, 1665	Thyratron (metal version is GL502A)
2050 Special	2050 Special		Special type 2050
2050W	2050W		Ruggedized 2050
GL2051	2051		See 2051
2051	2051	GL2051, VT-109	Thyratron (obsolete; use 2050)
RCA2052	2052		See 2052
2052	2052	RCA2052	Thyratron (obsolete)
2053	2053 or K2112		Direct view storage tube
HK2054A	HK2054A		Transmitting triode
R2057E	R2057E		Secondary emission amplifier (similar to 1630)
Z2061	Z2061		Miniature magnetron
R2069	R2069		Triode, commutating tube
R-2070-25-TYPE 5	6170		See 6170
R-2078	R-2078		Microwave dynatron
R-2080	R-2080		Commutating tube
2083	2083		Gas rectifier, rotary beam multiplexing
NU2091E	2091E		See 2091E
2091E	2091E		Wide band HF amplifier
Z2092	Z2092		Reliable version of 6SK7
Z2093	Z2093		Reliable version of 12AT7
LE2094	LE2094		Selected type 1N43 crystal rectifier
R2094	R2094		Cathode ray tube, daylight viewing, 5-inch
Z2095	Z2095		Reliable version of 6AC7
L2096	L2096		4 digit binary code tube
Z2096	Z2096		Reliable version of 6C4
Z2097	Z2097		Reliable version of 6AU6
Z2098	Z2098		Reliable version of 6X4
Z2099	Z2099		Reliable version of 5Y3GT
2100A/100R	8020		See 8020
Z2101	6072		See 6072
Z2103	Z2103		UHF miniature triode for TV
K2104P7	K2104P7		Selected 7ABP7A, replace with 7ABP7A
Z2104	5654/6AK5W		See 5654/6AK5W
K2105P28	12ATP28		See 12ATP28
M2105H	M2105H		Traveling wave tube
M2106G	M2106G		Traveling wave tube
Z2106	6005/6AQ5W		See 6005/6AQ5W
CW2110	38111A		See 38111A
K2112	2053 or K2112		Direct view storage tube
NU2112A	NU2112A		Cathode ray tube-Dark trace, experimental
NU2112B	NU2112B		Cathode ray tube-Dark trace

Tube Type	Current Service Designation	Other Number	Class Description
R2112	R2112		Cathode ray tube superseded by R2112A
R2112A	R2112A		Cathode ray tube-Dark trace
R2112C	R2112C		Cathode ray tube-Dark trace
R2113	R2113		Rotary beam tube
SD2114	SD2114		Stacked mount double triode, electrically similar to 6J6
C2115	5851		See 5851
A2116	2J41		See 2J41
R-2117	R-2117		"Registron" counter tube
SR2117	SR2117		Grounded grid miniature triode - special version of 6AN4
R2119	R2119		Pulse code modulation tube
A2124M	8014A		See 8014A
A2126	8003		See 8003
A2130A	8005		See 8005
Z2137	Z2137		Miniature high Mu triode
A2139	8012		See 8012
A2140B	8017		See 8017
R2142	R2142		48 channel switch tube for scanning
R2151	6054		See 6054
A2154D	1624		See 1624
CVX2155	CVX2155		Coaxial crystal (British)
SR2156	SR2156		Receiving ceramic mount grounded grid triode developmental - patterned after 6J4WA
R2159	R2159		Polartron, cathode ray tube
NU2163	1DP-----		See 1DP-----
NU2164	1DP		See 1DP
R2164	6355		See 6355
NU2166	NU2166		Space charge grid tube
2172	851		See 851
2179A	2C40		See 2C40
2183	5B21		See 5B21
R2193	6320		See 6320
R2194	6321		See 6321
A2203	2C43		See 2C43
M2203D	HA-3E		See HA-3E
2203	2203		Cathode ray tube
R2206	R2206		Beam deflection switching tube
A2209	6J4		See 6J4
A2209A	6J4		See 6J4
R2211	6462		See 6462
A2212	A2212		Transmitting UHF triode
A2212B	4C33		See 4C33
A2214B	3C32		See 3C32
A2214J	6161		See 6161
NU2216G	NU2216G		Cathode ray tube, special version IDP11

Tube Type	Current Service Designation	Other Number	Class Description
CV2221	CV2221		Coaxial-line velocity modulated oscillator (British)
A2222	2C43		See 2C43
A2227	6F4		See 6F4
A2229A	2C40		See 2C40
A2232	A2232		Tunable coaxial type cavity resonator
K2245	7571/QK685		See 7571/QK685
A2251A	889R		See 889R
A2251B	889RA		See 889RA
2252	FG166		See FG166
A2255	6C24		See 6C24
A2275	5831		See 5831
A2293C	2C42		See 2C42
A2294C	2C46		See 2C46
A2297	6L4		See 6L4
A2298	6Q4		See 6Q4
A2302A	A2302B		See A2302B
A2302B	A2302B	A2302A, 2302B	Obsolete. Receiving and transmitting triode. Similar to 5675 (Rec. type) and 5794 (Trans. type)
A2302E	A2302E	2302E	Obsolete. Receiving and transmitting triode. Similar to 5675 (Rec. type) and 5794 (Trans. type). Replaced by A2351 and A2352
2302B	A2302B		See A2302B
2302E	A2302E		See A2302E
A2304	6Q4		See 6Q4
A2317	5893		See 5893
A2317C	5893		See 5893
A2320	A2320		Subminiature receiving type HF triode
A2332	A2322		Transmitting type
A2342	5794		See 5794
2342	2342B		Phototube, ultra-violet (modified 935)
CV2346	CV2346		Klystron (British)
A2351	5876		See 5876
A2352	5675		See 5675
A2354	5794		See 5794
M2403LB	M2403LB		Traveling wave tube
M2403N	A1203/M2403N		See A1203/M2403N
A2416J	A2416J		Rugged, UHF pencil triode
A2521	6CR4		See 6CR4
T-2500	T-2500		Power triode
VXR2500	VXR2500		High voltage regulator tube
2501A3	3AP-----		See 3AP-----
2501C3	3AP-----		See 3AP-----
2501D3	3AP-----		See 3AP-----
2505A5	5MP-----		See 5MP-----
2505C5	5MP-----		See 5MP-----
2505D5	5MP-----		See 5MP-----

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Tube Type	Current Service Designation	Other Number	Class Description
2507	54-8H		See 54-8H
W2510	NT98		See NT98
2511A5-D5	5LP-----		See 5LP-----
2512	94-8H		See 94-8H
A2515H	2041		See 2041
2522N1	2522N1	128A	Thyratron
2523N1/128AS	2523N1/128AS		Thyratron
2525A5-C5	5BP-----		See 5BP-----
2529A5-D5	5JP-----		See 5JP-----
2531A14-D14	14AP-----	1, 2, 5	See 14AP----- 1, 2, 5
2532A20	20AP1		See 20AP1
A2534A	A2534A		CHF beam power tube, water cooled. Similar to 6448
A2534C/6952	6952		See 6952
2537A3	3GP-----		See 3GP-----
2537C3	3GP-----		See 3GP-----
2537D3	3GP-----		See 3GP-----
2566A	10Y		See 10Y
2779A	1B23		See 1B23
SC2862P7	10ANP7	K1983P7	See 10ANP7
CV2901	CV2901		British receiving tube, somewhat simi-
Z2901	8113		See 8113 lar to 5879
2933	206		See 206
2935A	81		See 81
2936	217C		See 217C
2936A	217C		See 217C
2937	219		See 219
2938	214		See 214
2967	219		See 219
BX3000	6712		See 6712
ET3000	ET3000		Cathode ray tube, similar to 3DP-----
HF3000	HF3000		Transmitting triode
L3000/6J21	L3000/6J21	6J21	Magnetron-superseded by 5607
VXR3001	VXR3001		Miniature high voltage regulator tube
3001	3001		Traveling wave amplifier
L3002	L3002		CW magnetron, tunable
L3005	L3005		CW magnetron, tunable
L3006	L3006		Traveling wave tube
L3007	L3007		Microwave local oscillator
L3008	L3008		Magnetron, pulsed
Z3011	6299		See 6299
L-3012	L3012		Packaged magnetron, CW, tunable
L-3013	L3013		Packaged magnetron, CW, tunable
L3014	L3014		Magnetron
L3015	L3015		Magnetron
L-3016	L3016		CW magnetron
L3017	L3017		CW magnetron
L-3018	L-3018		CW magnetron
L-3019	L-3019		CW magnetron

Tube Type	Current Service Designation	Other Number	Class Description
L-3020	L-3020		CW magnetron
3020A20	3020A20		Phototube assembly
G-3021	G-3021		Charactron cathode ray tube, proto- type of C19Q
L-3023	6233		See 6233
L3024	L3024		CW tunable magnetron
L3026	L3026		CW tunable magnetron
L-3028	L-3028		Magnetron, lightweight, beacon type
L-3030	L-3030		Magnetron, similar to 4J50
L-3030A	L-3030A		Magnetron
L-3030B	L-3030B		Magnetron
L-3030C	L-3030C		Magnetron
L-3030D	L-3030D		Magnetron
L-3030E	L-3030E		Magnetron
L-3035	7504/L-3035		See 7504/L-3035
L-3037	L-3037		Magnetron, pulsed, fixed frequency, cooled, similar to 4J52A
L-3038	L-3038		Magnetron, tunable
L-3040	L-3040		CW tunable magnetron
L-3041	L-3041		CW tunable magnetron
L-3043	L-3043		CW magnetron, liquid cooled
L-3044	L-3044		CW magnetron
L-3045	L-3045		CW magnetron
L-3046	L-3046		Magnetron, tunable, air cooled
L-3047	L-3047		CW Magnetron, tunable
L-3048	L-3048		CW magnetron
L-3049	L-3049		CW magnetron
L-3051	L-3051		CW magnetron, tunable, liquid cooled, similar to 5607
L-3052	L-3052		CW magnetron, tunable
VX3053	VX3053		Silicon crystal rectifier-(British)
HK3054	HK3054		Transmitting triode amplifier
L-3055	L3055		CW magnetron
L-3056	L-3056		Magnetron
L-3057	L-3057		Magnetron
L-3059	L-3059		CW magnetron
L-3060	L-3060		Magnetron, packaged version of L3060
L-3061	L-3061		CW magnetron, tunable
VX3061	VX3061		Microwave triode-(British)
L-3062	L-3062		CW magnetron, tunable
L-3063	L-3063		CW magnetron, tunable
3064	4J70-77		See 4J70-77
L-3067	L-3067		CW magnetron
L-3068	L-3068		CW magnetron
3069	866A		See 866A
L-3070	L-3070		CW magnetron
3070	872A		See 872A
L-3071	L-3071		CW magnetron, tunable
3071	869B		See 869B

Tube Type	Current Service Designation	Other Number	Class Description
L-3072	L-3072		CW magnetron
WX3072	WX3072		Duodiode gas rectifier
3072	857B		See 857B
L3074	L-3074		CW magnetron
WX3074	7C24		See 7C24
L-3075	L-3075		Magnetron tunable
L-3077	L-3077		CW magnetron, air cooled, tunable
L-3078	L-3078		CW magnetron, air cooled
L-3080	L-3080		CW magnetron
L-3083	L-3083		Magnetron, tunable pulse, air cooled
WX3089	WX3089		Transmitting HF triode
WX3092	VT158		See VT158
3092	VT158		See VT158
L-3101	L-3101		Magnetron, tunable pulse-tunable version of QK400
WX3102	WX3102		Transmitting HF triode
L-3104	L-3104		Magnetron, pulsed, fixed frequency, air cooled
MA3107	8330		See 8330
MA3108	8331		See 8331
UK3108	CV38		See CV38
L3110A	L3110A		CW magnetron
L3111A	L3111A		CW magnetron
L3113A	L3113A		CW magnetron
ZM3113A	ZM3113A		Traveling wave tube
L3115A	L3115A		CW magnetron
WX3116	WX3116		Klystron
L3117A	L3117A		CW magnetron
L3119A	L3119A		CW magnetron
3119	860		See 860
WX3121	WX3121		Klystron
3124A	861		See 861
L3134	L3134		CW magnetron, tunable
L3135	L3135		CW tunable magnetron
VX3135	VX3135		Silicon crystal rectifier (British)
WX3141	WX3141		Thyratron (obsolete, superseded by KU676)
VX3143	VX3143		Magnetron-(British)
L-3147	L-3147		Backward wave oscillator
3150	TN98		See NT98
WX3152	WX3152		UHF oscillator
VX3153	VX3153		Silicon crystal rectifier (British)
WX3153	WX3153		UHF oscillator
MA3154	MA3154		TR tube
WX3154	WX3154		TR tube
WX3158	3J30		See 3J30
WX3160	WX3160		Diode rectifier (ignitron)
WX3161	WX3161		UHF load lamp
WX3164	WX3164		UHF load lamp
WX3165	WX3165		UHF load lamp

Tube Type	Current Service Designation	Other Number	Class Description
WX3168	WX3168		UHF load lamp
WX3169	C1A		See C1A
WX3170	C6A		See C6A
WX3172	672		See 672
L3175B	L3175B		CW magnetron
L3177B	L3177B		CW magnetron
WX3178	WX3178		UHF load lamp
WX3187	WL414		See WL414
WX3194	WL682		See WL682
WX3199	1B24		See 1B24
ZB3200	3200		See 3200
3200	3200		Transmitting triode amplifier modulator
VX3206	VX3206		CW tunable magnetron, (British)
WX3210	1B26		See 1B26
L3221A	L3221A		CW magnetron
SE3222	22		Obsolete Navy number. See 22
3222	22		See 22
L3223B	L3223B		CW magnetron
WX3225	WL473		See WL473
WX32300	678		See 678
WX3239	WX3239		TR tube
WX3240B	1B45		See 1B45
WX3240D	1B41		See 1B41
WX3240G	1B49		See 1B49
WX3243	WX3243		Klystron
WX3243A	2K51		See 2K51
WX3243B	2K52		See 2K52
WX3243C	2K53		See 2K53
WX3260	WL619		See WL619
VX3263	VX3263		Triode, pulsed oscillator (British)
WX3264	VX3264		Magnetron, pulsed, tunable
3294	865		See 865
WX3296	WX3296		CW magnetron, X band
WX3297	6285		See 6285
WX3308	WX3308		TR switching tube
WX3310	WX3310		Geiger counter tubes
WX3318	5974		See 5974
WX3320	5939		See 5939
WX3346	6260		See 6260
WX3351	WX3351		Proportional counter, Gamma
L3356	L3356		Traveling wave tube
3373	27		See 27
3382	112A		See 112A
L3441A	QK984 or L3441A	QK984	Backward Wave Oscillator
L3444A	QK985 or L3444A	QK985	Backward wave oscillator
L3446A	L3446A		Backward wave oscillator
L3448A	L3448A		Backward wave oscillator
EX3465	EX3465		Cathode ray tube. Superseded by K1055

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Tube Type	Current Service Designation	Other Number	Class Description
3572	866A		See 866A
L3601-1	L3601-1		Packaged, pulsed magnetron
3675	826A		See 862A
3717	858		See 858
L3731	L3731		Pulsed packaged magnetron
L3742	VA811C/L3742		See VA811C/L3742
WX3751	WX3751		5-inch flat face cathode ray tube
WX3798	WX3798		Cathode ray tube, high resolution, low drive
WX3810	WX3810		Light image intensifier
3841	80		See 80
3864A	864		See 864
3871	50		See 50
SE3872	30		See 30
3872	30		See 30
SE3873	32		See 32
3873	32		See 32
3918	874		See 874
3921	45		See 45
3924	24A		See 24A
3945	845		See 845
3982	3982		Gas phototube
WX3989	WX3989		Storage vidicon
BX4000	BX4000		Beam switching tube
VRX4000	VRX4000		Corona, high voltage regulator tube
A4002B	837		See 837
4004	4004		Traveling wave tube
4005	4005		Traveling wave tube
A4006B	1659		See 1659
4012	4012/A1157	A1157	Traveling wave tube
B4021	B4021		Numerical indicator (Nixie)
Z4026	3UP1		See UP1
B4032	7977		See 7977
4035	4035		Magnetron, modified 7111
A4051	807		See 807
A4051G	8018		See 8018
A4051H	8007		See 8007
A4051J	807		See 807
A4073F	6AC7W		See 6AC7W
4077A	CV33		See CV33
B4081	B4081		Numerical indicator (Nixie)
Z4081	7UP-----		See 7UP-----
R4100	631P1		See 631P1
R4101	631P1		See 631P1
4102	871		See 871
A4107	A4107		Superseded by 1625
A4154D	1624		See 1624
4171	71A		See 71A
R4200	648P1		See 648P1
A4229	8001		See 8001

Tube Type	Current Service Designation	Other Number	Class Description
4242A	4242A		Transmitting triode
4251A	4251A		Transmitting triode
SYT4260T	SYT4260T		Traveling wave tube (with cables)
4260	FG17		See FG17
4261	FG17		See FG17
A4270	1639		See 1639
4270A	CV30		See CV30
A4273	1637		See 1637
A4273B	6SN7W		See 6SN7W
4282B	4282B		Transmitting tetrode
M4296	M4296		Magnetron, fixed frequency
Z4300	12DP7C		See 12DP7C
Z4303	12DP7C		See 12DP7C
4313C	CV75		See CV75
Z4315	12SP7D		See 12SP7D
Z4316	12SP7D		See 12SP7D
Z4324P25	Z4324P25	7755655	Cathode ray tube, electrostatic focus, magnetic deflection
R4330	R4330	R4330	Flash tube
4330	R4330		See R4330
R4340	R4340		Photoflash tube
R4350	R4350		Polychromatic strobotron
A4361	6AK6		See 6AK6
SE4374	SE4374	4374	Obsolete Navy number. Selected O1A
4374	SE4374		See SE4374
A4375A	6AQ6		See 6AQ6
GL4386	7AKP19, P25		See 7AKP19, P25
A4388	50B5		See 50B5
R4410	R4410	ES10816	Diode gas discharge tube (cold cathode)
Z4413P7	5DNP-----		See 5DNP-----
Z4414	7AYP-----		See 7AYP-----
A4422B	A4422B		VHF beam power amplifier
A4425A	A4425A		VHF beam power amplifier
A4434	6J6		See 6J6
A4442	6BF6		See 6BF6
A4444	A4444		Miniature remote cutoff, UHF pentode
A4450	6AQ5		See 6AQ5
A4454	26C6		See 26C6
A4465E	26A6		See 26A6
4465	35		See 35
A4466	A4466		Receiving acorn type remote pentode amplifier
A4475	6AS7G		See 6AS7G
GL4475	7ATP-----		See 7ATP-----
A4481	A4481		Miniature remote cut off UHF acorn pentode
A4485	A4485		Miniature pentode amplifier
A4494	A4494		R.F. power amplifier pentode

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Tube Type	Current Service Designation	Other Number	Class Description
Z4495	6DP7		See 6DP7
A4513	1AC5		See 1AC5
A4522A	12AX7		See 12AX7
A4524A	6BH6		See 6BH6
A4535	6080		See 6080
A4535A	6080		See 6080
A4541H	5763		See 5763
4610	36		See 36
4611	37		See 37
4612	38		See 38
Z4619P4	Z4619P4		Cathode ray tube, rectangular, 21 inch
Z4623P24	Z4623P24		Cathode ray tube, 16 inch, electrostatic deflection and focus
Z4652P7	12ASP7		See 12ASP7
S4677	S4677		Webster ballast tube
Z4718P19	12AMP19		See 12AMP19
Z4870P7	8SP7		See 8SP7
Z4889P19	Z4889P19	K2261, SC3526	Cathode ray tube, high drive version of 12AMP19
ET5000	ET5000		Cathode ray tube, 5 inch
VXR-5000	VXR-5000		High voltage regulator tube
A5006	A5006		Diode pentode. Obsolete
A5008A	A5008A		Miniature diode pentode
Z5010	Z5010		Klystron
BK5013	BK5013		Klystron (Polarad)
H5015	3D21		See 3D21
B5016	B5016		Numerical indicator (Nixie)
Z5020	Z5020		CW magnetron
Z5023	A5023		Special 12A6 with diode. Obsolete
VX5028	VX5028		CW klystron (British)
B5031	8037		See 8037
VX5031	VX5031	5311	Phototube similar to 931A (British)
A5034A	A5034A		Grid controlled electron multiplier
H5037	H5037		Photomultiplier
Z5040	Z5040		Voltage tunable magnetron
Z5053	Z5053		Transmitting tube, similar to 6942 and 6183
Z5053/6942	6942		See 6942
Z5069	7390		See 7390
Z5082	Z5082		Traveling wave tube
A5089	A5089		Miniature sharp cut off pentode
B5092	8421		See 8421
Z5098	Z5098		Voltage tunable magnetron
Z5112	Z5112		Voltage tunable magnetron
Z5114	Z5114		TV camera tube
Z5118	Z5118		Voltage tunable magnetron
5137	3C45		See 3C45
Z5139	7391		See 7391
F5303	7C25		See 7C25

Tube Type	Current Service Designation	Other Number	Class Description
Modified F5303	7C23		See 7C23
5311	VX5031		See VX5031
5512	5512		Triode power amplifier oscillator (water cooled)
5513	5513		Transmitting, air cooled triode
5514	5514	HD69	HI Mu power triode. Supersedes HY30Z, HY40, HY40Z, HT51A, B and Z.
5516	5516	HD57	Transmitting tetrode
5517/CK1013	5517		See 5517
5517	5517	CK1013, QM296	Cold cathode gas rectifier, replaces 1B48, see also 6793
5518	5518		Transmitting forced air cooled triode
5519	5519		X-ray tube
5520	5520		X-ray tube
5521	5521		X-ray tube
5522	5522		X-ray tube
5523	5523		X-ray tube
5527	5527		Television camera tube, supersedes type 1847
5528	5528/C6L		See 5528/C6L.
5528/C6L	5528/C6L	5528, C6L, CE326	Thyratron
5530	5530		Transmitting forced air cooled triode
5531	5531		Transmitting air cooled triode
5532	5532		X-ray tube
5533	5533		X-ray tube
5534	5534		X-ray tube
5535	5535		X-ray tube
5536	5536		X-ray tube
5537	5537		X-ray tube
5538	5538		X-ray tube
5539	5539		X-ray tube
5540	5540		X-ray tube
5541	5541		Transmitting forced air cooled triode
5542	5542		Transmitting air cooled triode
5544	5544		Thyratron, inert gas
5545	5545		Thyratron triode
5549	5549		Transmitting forced air cooled triode
5550	5550	GL-415, WL681/686, WL681, 1R21, WL686	Diode gas rectifier (ignitron)
5551	5551	FG271, WL652/657, WL652	Diode gas rectifier (ignitron)
5551-A	5551-A	5551A/652	5551 with thermostat mount
5551A/652	5551A		See 5551A
5552	5552	FG235A, WL656	Diode gas rectifier (ignitron)
5552A	5552A	5552A/651	5552 with thermostat mount
5552A/651	5552A		See 5552A
5553	5553	FG258A, WL655/658	Diode gas rectifier (ignitron)
5553A	5553A		Improved 5553

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Tube Type	Current Service Designation	Other Number	Class Description
5553B	5553B	5553B/655	5553 with thermostat mount
5553B/655	5553B		See 5553B
5554	5554	FG259B	Diode gas rectifier (ignitron)
5555	5555	FG238B	Diode gas rectifier (ignitron)
5556	5556	PJ-8	Transmitting triode (low power)
5557	FG17		See FG17
5557/FG17	FG17		See FG17
5558	FG32		See FG32
5558/FG32	FG32		See FG32
5559	FG57		See FG57
5559/FG57	FG57		See FG57
5560	FG95		See FG95
5560/FG95	FG95		See FG95
5561	FG104		See FG104
5561/FG104	FG104		See FG104
5562	5562		Transmitting tetrode
5563	5563		Thyratron triode
5563A	5563A		Thyratron
5564	5564		Diode gas rectifier (ignitron)
5566	5566		High vacuum rectifier
5567	5567		High vacuum rectifier
5568	5568		High vacuum rectifier
5569	5569		High vacuum rectifier
5570	5570		High vacuum rectifier
5571	5571		High vacuum rectifier
5572	5572		High vacuum rectifier
5573	5573		High vacuum rectifier
5574	5574		High vacuum rectifier
5575	5575		High vacuum rectifier
5576	5576		High vacuum rectifier
5577	5577		High vacuum rectifier
5578	5578		High vacuum rectifier
5581	5581		Gas phototube, SW response (similar to 930)
5582	5582		Gas phototube, SW response (similar to 921)
5583	5583		Gas phototube, SW response (similar to 927)
5584	5584		Gas phototube, SW response (similar to 920)
A-5586	A-5586	VT-123	Superseded by VT-128
5586	5586		Magnetron, tunable 4J31-35. Similar to QK253
5588	5588		Transmitting forced air cooled triode. See also 6161
5589	5589		Three electrode, cold cathode, inert gas filled tube
5590	5590	401A, 5590/401A	Miniature pentode
5590/401A	5590		See 5590
5591	5591	403B, 5591/403B	Miniature pentode

Tube Type	Current Service Designation	Other Number	Class Description
5591/403B	5591		See 5591
5592	5592		Transmitting forced air cooled triode
5593	5593		Phase modulator tube
5594	5594		Thyratron (similar to FG17)
5599	5599		X-ray tube
5600	5600		X-ray tube
5601	5601		X-ray tube
5602	5602		X-ray tube
5603	5603	5603/398A	Receiving power pentode amplifier
5603/398A	5603		See 5603
5604	5604		Transmitting air cooled triode, similar to 889RA and 5667, (air cooled version of 5619)
5604A	5604A		Version of 5604
5605	5605		Crystal diode
5606	5606		Water cooled transmitting triode
5607	5607		Modified 6J21, (CW magnetron)
5608	5608		Receiving twin triode (voltage amplifier), medium Mu
5608A	5608A		Receiving twin triode (voltage amplifier), medium Mu
5609	5609		Magnetron (diathermy)
5610	5610		Miniature triode
5611	5611		Klystron
5612	5612		Gas phototube (S-4 response)
5613	5613		Gas phototube (S-4 response)
5614	5614		Gas phototube (S-4 response)
5615	5615		Gas phototube (S-4 response)
5616	5616		Gas phototube (S-4 response)
A5617	A5617		Subminiature double pentode balanced amplifier
5617	5617		Gas phototube (S-4 response)
5618	5618		Miniature pentode
5619	5619		Transmitting water cooled triode. Similar to 889A
5620	5620	FB50, 896, RCA896, WL896	Ballast tube
5621	5621	B6	Ballast tube
5622	5622	B25	Ballast tube
5623	5623	B47	Ballast tube
5624	5624	B46	Ballast tube
5625	5625	KC-4, ML100	High voltage rectifier
5626	5626		Vacuum switch
5627	5627		Vacuum switch
5628	5628		Pressure indicator tube
5629	5629		Pressure indicator tube
5630	5630		Diode gas rectifier (ignitron)
5632	5632/C3J		See 5632/C3J
5632/C3J	5632/C3J	C3J, ELC3J, 5632	Thyratron, gas triode, superseded by 5684/C3JA
5633	5633	SN-944	Subminiature RF pentode. See also 5899

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Tube Type	Current Service Designation	Other Number	Class Description
5634	5634	SD828E	Subminiature RF pentode. See also 5840 and 1133D
5635	5635	SN-955, SN955B, SN1007A, SN1007	Subminiature twin triode
5636	5636	SN1007,A,SC1156A	Reliable receiving subminiature amplifier, mixer pentode Equivalent to 5636
5636A	5636A		Subminiature hi Mu triode. See also 5719
5637	5637	SD917, SD917A	Subminiature audio pentode. Use 5840.
5638	5638	SD828A	Reliable receiving subminiature video pentode Equivalent to 5639
5639	5639	SN953, SN953A, SN953D, SN974B	Reliable subminiature pentode Subminiature audio amplifier. Use 5902
5639A	5639A		Reliable receiving subminiature diode Equivalent to 5641
5639WA	5639WA		Subminiature high voltage rectifier
5640	5640	SN947, SN947C	Subminiature thyatron, similar to L-1300
5641	5641	SN954C	Reliable receiving subminiature voltage regulator (operating voltage approx. 95v) Equivalent to 5644
5641A	5641A		Subminiature low Mu triode (see 5646 improved version)
5642	5642	SN956, SN956A, SN956B	Subminiature triode
5643	5643	SN949, SN982, SN948B, SN949C	Reliable receiving subminiature detector diode, see also SN978 Equivalent to 5647
5644	5644	SN948, SN981B	Transmitting triode (similar to 2C39)
5644A	5644A		Klystron replaced by 5981
5645	5645	SN957, SN957A	Klystron replaced by 5981
5646	5646	SN1006	Receiving miniature voltage reference, see 5651WA
5647	5647	SN946	Reliable receiving miniature voltage reference, equivalent to 5651. Similar to 5783WA (operating voltage approx. 87v)
5647A	5647A		Vacuum phototube (blue sensitive)
5648	5648		Vacuum phototube (S4 response)
5649	5649	BTL1466, D170573	See 5654/6AK5W
5650	5650	BT1596, D176627	Reliable receiving miniature pentode, equivalent to 6AK5 and 6096
5651	5651	S901C	
5651WA	5651WA		
5652	5652		
5653	5653		
5654	5654/6AK5W		
5654/6AK5W	5654/6AK5W	5654, QM557, Z1494, 6096, 6AK5, 5654/6AK5W/6096 Z2104	
5654/6AK5W/6096	5654/6AK5W		See 5654/6AK5W
5655	5655		Television camera tube (image orthicon)

Tube Type	Current Service Designation	Other Number	Class Description
5656	5656	QM322	Miniature twin pentode (twin 6AK5)
5657	5657		Tunable magnetron
5658	5658		See 880, directly interchangeable except for filament power
5659	5659		Mechanically improved 12A6
5660	5660		Mechanically improved 1208
A5661	A5661		Beam deflection amplifier
5661	5661		Mechanically improved 12SK7
5662	5662		Miniature inert gas thyratron
5663	5663	GL549	Miniature thyratron, similar to 5696, see also GL546
5664	5664	C1B/A	Improved 3C31/C1B
5665	5665	C16J, ELC16J	Thyratron
5666	5666	ML309	Similar to 889A, requires special water jacket
5667	5667		Transmitting triode (interchangeable with 889RA)
5668	5668		Transmitting triode. Similar to 892
WX5669			Rotary spark gap, not a tube
5669	5669	ML308	Transmitting triode. Similar to 892R
5670	5670	5670WA, 2C51W, 5670WA, 2C51W	Reliable receiving miniature twin triode. Similar to 2C51, see also 6185
5670WA	5670		Version of 5670. See 5670
5671	5671		Transmitting forced air cooled triode
5672	5672		Subminiature pentode
5674	5674		Twin triode electrometer tube
5675	5675	A2352	Receiving pencil tubes Similar to 5794
5676	5676	CK556AX	Subminiature triode
5677	5677	CK568AX	Subminiature triode
5678	5678	CK569CX, CK569AX	Subminiature pentode
5679	5679		Receiving duodiode. Similar to 7A6
5680	5680		Transmitting triode. Similar to 7C23
5681	5681		Transmitting triode
5682	5682		Transmitting triode
5683	5683/C1J/A		See 5683/C1J/A
5683/C1J/A	5683/C1J/A	C1J/A, 5683	Thyratron improved C1J, superseded by C1K
5684	5684/C3J/A		See 5684/C3J/A
5684/C3J/A	5684/C3J/A	5684, C3J/A	Thyratron improved 5632/C3J
5685	5685/C6J/A		See 5685/C6J/A
5685/C6J/A	5685/C6J/A	5685, C6J/A	Thyratron improved C6J
5686	5686	QM328	Reliable miniature pentode power amplifier
5687	5687	TS229	Miniature twin triode
5687WA	5687WA		Reliable receiving miniature medium Mu twin triode. Equivalent to 5687
5690	5690		Reliable receiving full wave vacuum rectifier
5691	5691		Reliable receiving high Mu twin triode similar to 6SL7GT, see also 6SL7W

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Tube Type	Current Service Designation	Other Number	Class Description
5692	5692		Reliable receiving medium Mu twin triode. Equivalent to 6SN7GT
5693	5693		Reliable receiving pentode amplifier. Equivalent to 6SJ7
5694	5694		Receiving double triode amplifier
5695	5695		Half wave gas rectifier
5696	5696		Miniature thyratron. Similar to 5663
5697	5697	CK570AX	Subminiature electrometer tube
5702	5702WA		See 5702
5702WA	5702WA	5702, 6148	Reliable receiving subminiature sharp cut off pentode, equivalent to 5702 and 6148, similar to 6AK5 and 5654.
5702WB	5702WB		Version of 5702WA
5703	5703		See 5703WA
5703WA	5703WA	6149	Reliable receiving subminiature medium Mu triode. Equivalent to 5703 and 6149.
5703WB	5703WB		Version of 5703WA
5704	5704	CK606BX	Receiving subminiature diode
5705	5705		Transmitting triode (similar to 892)
5706	5706		Transmitting triode (similar to 892R)
5710	5710		Transmitting forced air cooled triode similar to ZP436
5711	5711		X-ray tube
5712	5712		X-ray tube
5713	5713		Transmitting forced air cooled triode
5718	5718	SN979, SN979D	Reliable receiving subminiature medium Mu triode
5718A	5718A		Equivalent to 5718. See 5718
5719	5719	SN-980, SC1140A, SN-980D	Reliable receiving subminiature high Mu triode. Similar to 5637.
5719A	5719A		Equivalent to 5719. See 5719
5720	5720		Thyratron, mercury vapor
5721	5721	QK205	Klystron
5722	5722	SD1033	Miniature noise diode
5725	5725/6AS6W		See 5725/6AS6W
5725/6AS6W	5725/6AS6W	5725, 6AS6W, QM558, 5725/6AS6W/6187	Reliable receiving miniature dual control pentode. Equivalent to 6AS6 and 6187 similar to 6486
5725/6AS6W/6187	5725/6AS6W		See 5725/6AS6W
5726	5726/6AL5W		See 5726/6AL5W
5726/6AL5W	5726/6AL5W	6AL5W, Z1751, 5726, QM559	Reliable miniature duo diode. Equivalent to 6AL5 and 6097
5726/6AL5W/6097	5726/6AL5W/6097	5726, QM559, Z1751, 6AL5W	Reliable miniature duo diode
5727	5727/2D21W		See 5727/2D21W
5727/2D21W	5727/2D21W	5727, 2D21W	Reliable miniature thyratron. Equivalent to 2D21
5728	5728		Thyratron
5729	5729		Radial beam switching tube

Tube Type	Current Service Designation	Other Number	Class Description
5730	5730		Radial beam switching tube
5731	5731		Receiving acorn UHF triode (selected 955A)
5732	5732		Rugged 6K7 (Canadian)
5734	5734	C796C, C798B	Triode transducer tube
5736	5736		Transmitting triode forced air cooled
5737	5737		Transmitting triode
5738	5738		Electron beam commitator
5739	5739		Ionization gauge
5740	5740	FP54	Receiving space charge grid tube
5741	5741		High voltage high power vacuum rectifier
5742	5742		Receiving triode power amplifier
5743	5743		Transmitting triode. Similar to L1300
5744	5744		See 5744WA
5744WA	5744WA	5744, 6151	Reliable receiving subminiature high Mu triode. Equivalent to 5744 and 6151
5744WB	5744WB		Reliable subminiature triode, superseding 5744WA
5745	5745	WE394	X-ray tube
5746	5746		X-ray tube
5747	5747	WE394	X-ray tube
5748	5748		X-ray tube
5749	5749/6BA6W		See 5769/6BA6W
5749/6BA6W	5749/6BA6W	Z1749, 5749, 6BA6W	Reliable receiving miniature pentode. Equivalent to 6BA6
5750	5750/6BE6W		See 5750/6BE6W
5750/6BE6W	5750/6BE6W	Z1750, 5750, 6BE6W	Reliable receiving miniature pento- grid converter. Equivalent to 6BE6
5751	5751	Z1764, 5751WA	Reliable receiving hi Mu twin triode similar to 12AX7 and 6057
5751WA	5751		See 5751
5751W1	5751W1		High reliability version of 5751
5755	5755	520A, 1554	Twin triode receiving
5757	5757	QM502	Water cooled transmitting tube
5758	5758		Air cooled transmitting tube
5759	5759		Transmitting triode
5760	5760		Water cooled transmitting triode
5761	5761		Air cooled transmitting triode
5762	5762		Transmitting air cooled triode, supersedes 7C24
5763	5763	A4541H	Miniature beam power VHF amplifier, transmitting version of 6AQ5
5764	5764	SB846B, SB846D	Probeless version of 2C36 for Navy application
5765	5765		Planar triode power amplifier
5766	5766		Planar triode power amplifier oscillator
5767	5767	SB846H	Transmitting planar triode

Tube Type	Current Service Designation	Other Number	Class Description
5768	5768		Planar triode power amplifier oscillator
5769	5769		Television pick up tube, image orthicon
5770	5770		Transmitting triode (modified 9C21)
5771	5771		Transmitting triode (modified 880)
5777	5777	QK201	Reflex klystron
5778	5778	QK202	Reflex klystron
5779	5779		Diode rectifier, ignition (supersede 427)
5780	5780	1538	Packaged tunable pulsed magnetron
5781	5781		X-ray tube
5782	5782		X-ray tube
5783	5783		See 5783WA
5783WA	5783WA		Reliable receiving subminiature voltage reference tube, equivalent to 5783, similar to 5651WA, (operating volt. approx. 87V)
5784	5784		See 5784WA
5784WA	5784WA	6150	Reliable receiving subminiature dual control pentode. Equivalent to 5784 and 6150, similar to 6AS6 and 5725
5785	5785		Receiving subminiature half wave rectifier
5786	5786		Transmitting triode (modified 6C24)
5787	5787		See 5787WA
5787WA	5787WA		Reliable receiving subminiature voltage regulator. Equivalent to 5787. Similar to OB2 and OC3/VR105, (operating volt. 100v approx.)
5788	5788		Ignitron
5789	5789	X7107, MA200	Packaged pulsed magnetron
5790	5790	X7108	TR tube
5791	5791		ATR tube
5792	5792	ATR345	ATR tube
5793	5793	ATR346	ATR tube
5794	5794	A2354, A2342	Transmitting UHF pencil triode, similar to 5675
5795	5795		Packaged pulsed magnetron
5796	5796		Thyratron inert gas
5797	5797	Z1723	Subminiature pentode
5798	5798	Z1724	Subminiature twin triode
5799	5799	VX-21	Subminiature diode
5800	5800	VX-41A, VX124, VX41A	Subminiature tetrode, electrometer
5801	5801	VX-33A	Subminiature triode
5802	5802	VX32, VX32B	Subminiature triode
5803	5803		Subminiature triode-improved 5802
5804	5804		Subminiature pentode power amplifier (hearing aid)

Tube Type	Current Service Designation	Other Number	Class Description
5805	5805		Subminiature pentode power amplifier (hearing aid)
5806	5886	P10	Subminiature electrometer tube
5807	5807		Subminiature pentode (hearing aid)
5811	5811	610	Subminiature electrometer tube (hearing aid)
5812	5812		Transmitting beam power pentode
5813	5813	212 (Vericon)	Television pick up tube
5814	5814A	5814, 5814WA, 12AU7W	See 5814A
5814A	5814A		Reliable miniature medium Mu twin triode, equivalent to 5814 and 5814WA. Similar to 12AU7
5814WA	5814A		See 5814A
5814WB	5814WB		Equivalent to 5814A
5817	5817	SFC12	Klystron
5818	5818	SFC13	Klystron
5819	5819		Photomultiplier
5820	5820		Image orthicon (television pick up)
5821	5821		Ignitron (mercury)
5822	5822		Ignitron
5823	5823	CK1090	Miniature, cold cathode glow discharge triode
5824	5824		Beam power amplifier, version of 25B6G
5825	5825		Half wave high vacuum rectifier
5826	5826		Image orthicon television pick up
5828	5828		Subminiature medium Mu triode
5829	5829		See 5829WA
5829WA	5829WA		Reliable receiving subminiature twin diode, equivalent to 5829, similar to 5726/6AL5
5830	5830		Triode thyratron
5831	5831	A2275	Very high power transmitting triode
5833	5833		Transmitting triode similar to 895R
5834	5834	NL649/5834, NL649	Half wave rectifier
5835	5835	NL653/5835, BR-3	Half wave rectifier
5836	5836	SN1103D	Reflex klystron
5837	5837		Reflex klystron
5838	5838		Reliable receiving full wave high vacuum rectifier, similar to 6X5 with 12.6 volt heater
5839	5839		Reliable receiving full wave high vacuum rectifier, similar to 6X5 with 26.5 volt heater
5840	5840	SN973B, SN1039A, SN973C	Reliable receiving subminiature sharp cut off pentode, similar to 5638 and 6153
5840A	5840A		Equivalent to 5840, See 5840
5841	5841		Subminiature voltage regulator

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Tube Type	Current Service Designation	Other Number	Class Description
5842	5842	1547, WE417A, 417A	Miniature triode
5844	5844		Miniature receiving medium Mu twin triode computer tube, similar to 6J6 and 6211
5845	5845		Miniature double diode
5846	5846		Reference cavity - not a tube
5847	5847	404A	Miniature pentode voltage amplifier
5849	5849	P-11	Subminiature pentode (hearing aid)
5850	5850	G-11	Subminiature pentode (hearing aid)
5851	5851	C2115	Subminiature beam power pentode
5852	5852		Reliable receiving full wave high vacuum rectifier, similar to 6X5
5853	5853	TR368	TR tube
5854	5854	CK503AX	Subminiature power output pentode
5855	5855		Thyratron
5857	5857		Secondary emission heptode multiplier
5858	5858		Transmitting triode similar to 498
5859	5859		X-ray rectifier
5860	5860		X-ray rectifier tube
5861	5861		Triode power amplifier (Dutch)
5863	5863	X7109	TR tube
5864	5864	ATR321	ATR tube
5865	5865	TR361, 5865/TR361	Band pass TR tube
5865/TR361	5865		See 5865
5866	5866		Transmitting triode
5866A	7986		See 7986
5867	5867		Transmitting triode
5868	5868		Transmitting triode
5869	5869		Mercury vapor rectifier
5870	5870		Mercury vapor rectifier
5871	5871		Receiving power output pentode (Canadian 6V6GT)
5873	5873		Subminiature RF pentode
5874	5874		Triode modulator (water cooled)
5875	5875		Subminiature RF pentode
5876	5876	A2351	UHF pencil triode
5877	5877		Thyratron, multi electrode-gas filled
5878	5878		Thyratron, gas filled
5879	5879		Miniature pentode voltage amplifier
5881	6L6WGB		See 6L6WGB
5883	5883	ATR381	ATR tube
5884	5884	QF477	Subminiature twin tetrode electrometer
5885	5885		Subminiature twin tetrode electrometer
5886	5886	CK571AX	Subminiature electrometer pentode
5887	5887	75N	Beta-gamma counter tube
5888	5888		Gamma counter tube
5889	5889		Subminiature electrometer pentode (similar to 5886)

Tube Type	Current Service Designation	Other Number	Class Description
5890	5890		Beam pentode voltage regulator
5891	5891		Transmitting triode (forced air cooled)
5892	5892		Gas rectifier
5893	5893	A2317, A2317C	UHF pencil triode
5894	5894	AX9903/5894	Beam transmitting twin tetrode, improved 829B
5895	5895		Twin tetrode-transmitting amplifier
5896	5896	SD994B	Reliable receiving subminiature twin diode, see also 6052
5896A	5896A		Equivalent to 5896, see 5896
5897	5897	SD993C	Subminiature triode voltage amplifier oscillator
5898	5898	SD992C	Subminiature triode voltage amplifier
5899	5899	SN972D	Reliable receiving subminiature semi-remote cut off pentode, similar to 6154
5899A	5899A		Equivalent to 5899, see 5899
5900	5900	SD995B, 5900/5899	Subminiature pentode voltage amplifier, use 5899
5900/5899	5900		See 5900
5901	5901	SD996B	Subminiature pentode voltage amplifier, use 5840
5902	5902	SN976, SN976D	Reliable receiving subminiature audio beampower pentode
5902A	5902A		Equivalent to 5902, see 5902
5902WA	5902WA		Equivalent to 5902
5903	5903	SD989B	Reliable subminiature full wave rectifier, see 6053
5904	5904	SD988C	Reliable subminiature triode, see 6055
5905	5905	SN983B	Reliable subminiature pentode
5906	5906	SN985B	Reliable subminiature pentode
5907	5907	SD990B	Reliable subminiature pentode, see 6056
5908	5908	SN984A	Reliable subminiature pentode
5910	5910		Miniature pentode voltage amplifier, similar to 1U4
5915	5915		Miniature receiving heptode computer tube
5915A	5915A		Equivalent to 5915, see 5915
5916	5916	SN986B	Reliable subminiature UHF pentode
5917	5917		Transmitting triode (water cooled)
5918	5918		Water cooled transmitting triode
5919	5919		Forced air cooled transmitting triode
5920	5920		Receiving miniature twin triode amplifier
5921	5921	ATR348	ATR tube
5922	5922	ATR349	ATR tube
5923	5923		Water cooled transmitting triode
5924	5924		Forced air cooled transmitting triode

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Tube Type	Current Service Designation	Other Number	Class Description
5925	5925	TR331	TR tube
5927	5927	TR350	TR tube
5928	5928	X-168	Packaged magnetron
5929	5929	X190	Traveling wave amplifier
5930	5930	2A3W	Ruggedized receiving triode power amplifier similar to 2A3
5931	5931	5U4WG	Ruggedized receiving full wave vacuum rectifier, similar to 5U4G
5932	5932	6L6WGA, 5932/656WGA	Ruggedized receiving beam power amplifier pentode, similar to 6L6GA, superseded by 6L6WGB
5932/6L6WGA	5932		See 5932
5933	5933	807W	Ruggedized transmitting pentode amplifier similar to 807
5933WA	5933WA	807WA	Reliable transmitting pentode amplifier, equivalent to 5933, similar to 807
5934	5934		High voltage half wave rectifier
5935	5935		VHF voltmeter diode
5936	5936		Water cooled transmitting triode
5937	5937		Klystron (modified 2K25)
5939	5939	WX3320	Pre TR tube
5939A	5939A		Improved 5939
5941	5941	70N	Beta-gamma counter tube
5942	5942	70NB	Beta-gamma counter tube
5943	5943	90N	Beta-gamma tube
5944	5944	90NB	Beta-gamma tube
5946	5946		Forced air cooled transmitting triode, pulse tested version of 6161
5947	5947		Voltage reference diode
5948	5948	1754, H-6000, 5948/1754, VC1754	Hydrogen thyratron
5948/1754	5948	VC1754, 1754	See 5948
5948A	5948A		Quick warm-up version of 5948
5949	5949	19007, H-500, 5949/1907	Hydrogen thyratron
5949/1907	5949		See 5949
5949A	5949A		Quick warm-up version of 5949
5950			Subminiature corona voltage regulator
5956/E36	5956/E36	E-36	Hydrogen thyratron
5957/E37	5957/E37	E-37	Hydrogen thyratron
5958/E40	5958/E40	E-40	Hydrogen thyratron
5959/E41	5959/E41	E-41	Hydrogen thyratron
5960	5960	10-54448, S-340	Gas discharge tube, ruggedized
5961	5961		Pentagrid converter (Canadian reliable 6SA7)
5962	5962	BS-101, CR300, BS-101/5962, CK1017, CE300	Miniature corona discharge voltage regulator

Tube Type	Current Service Designation	Other Number	Class Description
5963	5963		Miniature twin triode computer tube
5964	5964		Miniature twin triode computer tube
5965	5965		Miniature receiving medium Mu twin triode computer tube equivalent to 6829 and 6414
5966	5966		Ionization gauge
5967	5967	QF454	VHF miniature twin triode
5968	5968	QK456	VHF subminiature double triode, receiving tube
CK5969	5969		See 5969
5969	5969	CK5969, QF452	VHF subminiature double tetrode
5970	CK5970	QF455	VHF subminiature double pentode
5971	5971	QK478	VHF subminiature triode, ruggedized
5972	5972	QF453	VHF subminiature RF pentode, shielded, receiving tube
5973	5973	ZV1798/5973	Diode rectifier
5974	5974	WX3318	Oil cooled diode rectifier
5975	5975		Receiving subminiature medium Mu triode, similar to 6152
5976	5976		Klystron
5977	5977	SR1538	Reliable receiving subminiature medium Mu triode
5977A	5977A		Equivalent to 5977. See 5977
5978	5978		Gamma counter tube
5979	5979	BS-1, 150N, 1B80, N50NA, BS1/5979, 150NA	Beta-gamma counter tube. See also 8378
5980	5980	BS-2, 151N, 151NA, BS2/5980	Gamma counter tube
5981	5981	5981/5650	Klystron oscillator
5981/5650	5981		See 5981
5982	5982		Pulsed packaged magnetron
5985	5985		Receiving miniature beam power tube
5987	5987	SC968B	Reliable receiving subminiature low Mu power triode
B5991	8422		See 8422
5992	5992		Reliable receiving beam power amplifier similar to 6V6
5993	5993		Receiving receiving miniature full wave high vacuum rectifier, similar to 6X4
5994	5994		Air cooled transmitting beam tetrode
5995	5995		Subminiature diode
5996	5996		Forced air cooled transmitting triode
5997	5997		Image intensifier
5998	5998	421A	Receiving twin triode
H-6000	5948		See 5948
X6000	3J30		See 3J30
6001	2J42		See 2J42
6002	6002	QK 221	Packaged magnetron

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Tube Type	Current Service Designation	Other Number	Class Description
X6003	3J31		See 3J31
6003	6003		Packaged magnetron
6004	6004		Full wave rectifier
6005	6005/6AQ5W		See 6005/6AQ5W
6005/6AQ5W	6005/6AQ5W	6005, Z2106, 6095, Z1499, 6005/6AQ5W/6095	Reliable miniature beam power amplifier tetrode, equivalent to 6AQ5 and 6095
6005/6AQ5W/6095	6005/6AQ5W		See 6005/6AQ5W
6006	6006		Ruggedized remote cut-off pentode (Canadian) version of 6SG7
6007	6007		Subminiature pentode (hearing aid)
6008	6008		Subminiature pentode (hearing aid)
6009	6009		Water cooled transmitting triode
6010	6010		Subminiature triode
6011	6Q11		Mercury thyratron
X6011	1B24		See 1B24
X6012	1B28		See 1B28
6012	6012		Gas thyratron (tetrode)
6013	6013		Inert gas rectifier
6014	6014		Thyratron
6015	6015		Hot cathode gas rectifier
6018	6018	SB846F	UHF triode - plate pulsed
6019	6019		Transmitting tetrode tube
6021	6021		Reliable receiving subminiature medium Mu triode, equivalent to 6BF7 and 6021A, similar to 2C51 and 5670
6021A	6021A		Equivalent to 6021, see 6021
6021WA	6021WA		Equivalent to 6021
6022	6022	ATR332	ATR tube
6023	6023		Dual gas - switching tube
6024	6024	ATR387	Modified 1B56 ATR tube
R6025	10FP4		See 10FP4
6026	6026		Subminiature triode
6027	6027	2J42A	Packaged magnetron
6028	6028	408A	Miniature pentode
6029	6029	CK573AX	Subminiature triode
X6030	X6030		Diode rectifier (similar to 2AC15 except base)
X6031	1B35		See 1B35
X6032	1B50		See 1B50
6032	6032	C7128B	Infra-red image tube
6032A	6032A		Infra-red image tube, high sensitivity
X6033	1B51		See 1B51
6033	6033		ATR tube
X6034	1B55		See 1B55
6034	6034		ATR tube
X6035	1B52		See 1B52
6035	6035		TR tube
X6036	1B54		See 1B54

Tube Type	Current Service Designation	Other Number	Class Description
6036	6036		Germanium photo diode
6037	6037/QK243	QK243	See 6037/QK243
6037/QK243	6037/QK243	QK243, 6037	Reflex klystron
6038	1B35A	ATR414	See 1B35A
6039	6039		Water cooled transmitting triode
6040	6040		Reference cavity
X6041	X6041		Packaged magnetron
6041	6041		Reference cavity
6042	6042		Ruggedized receiving twin triode similar to 6SN7GT (British)
6043	6043	QK159	Klystron
X6044	1B63A		See 1B63A
6044	6044		Thyratron
6045	6045		Double triode
6046	6046		Special version of 25L6GT
6047	6047	XA-34	Binary adder tube (Canadian)
6048	CW10		See CW10 (Canadian)
6049	6049		Reliable subminiature pentode
6050	6050		Subminiature triode, selected 5676
6051	6051	QF709	Ruggedized subminiature pentode
6052	6052		Subminiature diode, high temperature version of 5896
6053	6053		Ruggedized subminiature double diode, high temperature version of 5903
6054	6054	R2151	Secondary emission amplifier tube
6055	6055	5904	Subminiature medium Mu triode ruggedized
6056	6056	5907	Ruggedized subminiature remote cut-off pentode
6057	6057		Miniature receiving hi Mu twin triode (British), similar to 12AX7 and 5751
6058	6058		Miniature twin diode (British)
6059	6059		Miniature pentode (British)
6060	6060		Miniature double triode (British)
6061	6061		Miniature beam power amplifier (British)
6062	6062		Miniature pentode (British)
6063	6063		Miniature full wave rectifier (British)
6064	6064		Miniature pentode similar to type 6AM6 (British)
6065	6065		Miniature pentode ruggedized (British)
6066	6066		Miniature double diode triode (British)
X6067	X6067		Broadband TR similar to 1B63
6067	6067		Miniature twin triode (British)
6068	6068		Subminiature pentode (hearing aid)
6069	6069		Subminiature pentode (hearing aid)

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Tube Type	Current Service Designation	Other Number	Class Description
6072 6072A	6072 6072A	Z2101	Reliable receiving miniature low noise Improved 6072 twin triode, similar to 12AY7
6073	6073		Ruggedized miniature voltage regulator, equivalent to OA2, see 6626/OA2WA
6074	6074		Ruggedized miniature voltage regulator, equivalent to OA2, see 6627/OB2WA
6074/OB2WA	6074		See 6074
6075	6075	AX9907	Water cooled transmitting tetrode
6076	6076	AX9907R	Forced air cooled transmitting tetrode
6077	6077	AX9906/6077	Water cooled transmitting triode
6078	6078	AX9906/6078	Forced air cooled transmitting triode
6079	6079	AX9908	Transmitting tetrode
6080	6080WA	A4535, A4535A	See 6080WA
6080WA	6080WA		Reliable low Mu twin power triode, similar to 6AS7G
6080WB	6080WB		Equivalent to 6080WA
6081	6081	ATR407	ATR tube
6082	6082		Low Mu twin power triode, (E _f = 26.5v) similar to 6080
6082A	6082A		Equivalent to 6082
6082WA	6082WA		Equivalent to 6802
6083	6083	AX9909	Transmitting pentode
6084	6084		Miniature pentode (Dutch)
6085	6085		Miniature twin triode (Dutch)
6086	6086		Miniature pentode (Dutch)
6087	5Y3WG7B	Z2099	See 5Y3WG7B
6088	6088	CK522AX	Subminiature pentode
6089	6089		Reference cavity
X6090	X6090		Ionization tube
6090	6090	RBE-18A	18 element radial beam tube
B6091	8423		See 8423
6091	6091		Radial beam tube, 18 channels
R6092	R6092		Cathode ray tube, 12 inch, magnetic focus and deflection, metal shell
6092	6092		Subminiature pentode
6094	6094		Reliable receiving miniature beam power amplifier, similar to 6005 and 6AQ5
6095	6005/6AQ5W		See 6005/6AQ5W
6096	5654/6AK5W		See 5654/6AK5W
6097	5726/6AL5W/6097		See 5726/6AL5W/6097
6098	6098/6AR6WA		See 6098/6AR6WA
6098/6AR6WA	6098/6AR6WA	6098	Ruggedized tetrode power amplifier, equivalent to 6AR6
6098W	6098W		See also 6384, Equivalent to 6098/ 6AR6WA
6099	6099		Equivalent to 6J6, see also 6007

Tube Type	Current Service Designation	Other Number	Class Description
6100	6100/6C4WA		See 6100/6C4WA
6100/6C4WA	6100/6C4WA	6100, 6C4WA	Reliable miniature HF triode
6101	6J6WA		See 6J6WA
6101/6J6WA	6J6WA		See 6J6WA
6102	6102		Oil cooled high vacuum diode
6103	6103		Forced air cooled high vacuum diode
6106	6106		Reliable receiving full wave high vacuum rectifier, equivalent to 5Y3GT, similar to 6853
6107	6107	BS-212	Integrator tube
6108	6108	BS-213	Integrator tube
6109	6109	BS404	Corona discharge voltage regulator tube
6110	6110		Reliable receiving subminiature twin diode
6111	6111		Reliable receiving subminiature medium Mu twin triode
6111A	6111A		Equivalent to 6112
6111WA	6111WA		Equivalent to 6111
6112	6112		Reliable receiving subminiature high Mu twin triode
6112A	6112A		Equivalent to 6112
6112WA	6112WA		Equivalent to 6112
6113	6113		Twin triode
6115	6115	QK351, QK318	Reflex klystron
6115A	6115A		Reflex klystron
6116	6116	QK361, TE39	Reflex klystron (rugged 2K45)
6117	6117		TR tube - similar to 1B58
6118	6118		Duplex diode triode (Canadian reliable 6Q7)
6119	6119		Corona regulator tube
6121	6121		Filament subminiature triode
R6122	R6122		Cathode ray tube
6122	6122/Z1700		See 6122/Z1700
6122/Z1700	6122/Z1700	Z1700, 6122	CW magnetron
6123	6123/Z1701		See 6123/Z1701
6123/Z1701	6123/Z1701	Z1701, 6123	CW magnetron
6124	6124/Z1702		See 6124/Z1702
6124/Z1702	6124/Z1702	Z1702, 6124	CW magnetron
6125	6125/Z1703		See 6125/Z1703
6125/Z1703	6125/Z1703	Z1703, 6125	CW magnetron
6126	6126/Z1908		See 6126/Z1908
6126/Z1908	6126/Z1908	Z1908, 6125	CW magnetron
6127	6127/Z1704		See 6127/Z1704
6127/Z1704	6127/Z1704	Z1704, 6127	CW magnetron
6128	6128	Z1782	ATR tube
6129	6129	Z1783	TR tube
6130	6130	KU-43, E-42, 3C45/6130, 45Z3	Hydrogen thyratron (high altitude version of 3C45)
6132	6132		Miniature video pentode (British)

Tube Type	Current Service Designation	Other Number	Class Description
6133	6133	2K28A	Klystron
6134	6AC7WA		See 6AC7WA
6135	6135		Reliable receiving miniature medium Mu triode (½ of a 5814), similar to 6C4
6136	6AU6WA		See 6AU6WA
6137	6SK7WA		See 6SK7WA
6140	6140		Voltage reference tube
6141	6141	427A, 6141/427A	Gas voltage regulator with starter
6141/427A	6141		See 6141
6142	6142		Subminiature gas diode voltage regulator
6143	6143		Subminiature corona regulator tube (similar to CK1039)
6144	6144		Noise diode
6145	6145		Receiving pentode, video amplifier
6146	6146		UHF beam power amplifier oscillator
6146W	6146W		Equivalent to 6146
6147	5147		Receiving subminiature beam power tetrode (selected 5851)
6148	5702WA		See 5702WA
6149	5703WA		See 5703WA
6150	5784WA		See 5784WA
6151	5744WA		See 5744WA
6152	6152		Reliable receiving subminiature medium Mu triode, similar to 5975
6153	6153		Subminiature pentode, similar to 5840
6154	6154		Subminiature pentode, similar to 5899
6155	6155		Transmitting tetrode, similar to 4D21
6156	6156		Transmitting tetrode, similar to 5D22
6157	6157		Miniature rectifier (British)
6158	6158		Miniature twin triode (British)
6159	6159		VHF beam power amplifier, oscillator
6159W	6159W		Equivalent to 6159
6161	6161	A2214J	Improved 5588. See 5946. UHF transmitting triode
6162	6162	ATR388A	ATR tube
6163	6163		ATR tube
6164	6164	TR429	TR tube
6166	6166		Transmitting tetrode
6167	6167		Ten stage cold cathode gas discharge stepping tube
6169	6169		Ruggedized subminiature triode
6170	6170	R-2070-25 type 5	25 element radial beam tube, baseless version of 6324
6173	6173		Pencil type UHF diode
6174	6174	CK1027	Miniature cold cathode gas rectifier Similar to 5517
6177	6177	QK363	CW magnetron
6178	6178		Reflex klystron

Tube Type	Current Service Designation	Other Number	Class Description
6179	6179		Water cooled transmitting triode modulator
6180	6180		Receiving twin triode, ruggedized Similar to 6SN7GT (British)
6181	6181		UHF transmitting power tetrode
6182	6182		Water cooled UHF transmitting tetrode
6183	6183/Z5053		Obsolete, see 6942
6184	6184		Ruggedized subminiature twin diode, similar to 5896
6185	6185		Equivalent to 2C51W
6186/6AG5WA	6186/6AG5WA		Equivalent to 6AG5
6187	6187		Equivalent to 6AS6
6188/6SU7WGT	6188/6SU7WGT		Equivalent to 6SU7GT
6189/12AU7WA	6189/12AU7WA		Equivalent to 12AU7
6193	6193		Ruggedized subminiature twin triode
R6194B	R6194B		Vacuum rectifier
6195	6195		Subminiature rugged beam pentode
6196	6196		Miniature electrometer tube (French)
6197	6197		Miniature amplifier pentode "on-off control"
6198	6198		Vidicon camera tube
6198A	6198A		Vidicon, new design eliminates tip, no restriction on position
6199	6199		Ten stage multiplier phototube
6201	12AT7WA		See 12AT7WA
6201/12AT7WA	12AT7WA		See 12AT7WA
6202	6X4WA		See 6X4WA
6203	6203		Reliable receiving miniature full wave vacuum rectifier similar to 6X4
6205	6205		Reliable receiving subminiature sharp cut off dual control pentode
6205A	6205A		Equivalent to 6205
6206	6206		Reliable receiving subminiature semi-remote cut off dual control pentode
6206A	6206A		Equivalent to 6206
6207	6207		X-ray counter tube
6208	6208		Alpha-beta counter tube
6209	6209		Alpha-beta x-ray counter tube
6210	6210		Alpha-beta x-ray counter tube
6211	6211		Receiving miniature medium Mu twin triode computer tube, similar to 5844 and 6J6
R6212A	6144	TT1	See 6144
6213	6213		Receiving subminiature voltage reference, (operating volt. approx. 130v)
6214	6214		ATR tube, similar to 1B35A and 1B37A
6215	6215		Half-wave rectifier
6216	6216		Miniature pentode, filter reactor tube

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Tube Type	Current Service Designation	Other Number	Class Description
6217	6217		Headon photomultiplier
6218	6218		Reliable miniature beam reflector tube (British)
6221	6221		Reliable receiving subminiature medium Mu triode. Equivalent to 5718
6222	6222		Reliable receiving subminiature high Mu triode. Equivalent to 5719
6223	6223		Reliable receiving subminiature sharp cut-off pentode. Equivalent to 5840
6224	6224		Reliable receiving subminiature power pentode
6225	6225		Reliable receiving subminiature semi-remote cut-off pentode. Equivalent to 5840
6228	6228	BL38, QK506	ATR tube
6229	6229/6230	QK299	Pulse magnetron
6230	6229/6230		Pulse magnetron
6231	6231		Inert gas thyatron
6232	6232	TR427	TR tube similar to 1B63
6233	6233	L-3023	Pulse magnetron
6236	6236		External cavity reflex klystron
6237	6237		Forced air cooled power amplifier klystron
6238	6238		Forced air cooled power amplifier klystron
6239	6239		Forced air cooled power amplifier klystron
6240	6240		Forced air cooled power amplifier klystron
6241	6241		Forced air cooled power amplifier klystron
6242	6242		Forced air cooled power amplifier klystron
6245	6245		Reliable subminiature UHF pentode low voltage version of 5702WA
6246	6246	508/6246	Water cooled transmitting triode
6247	6247	CK628	Reliable receiving subminiature high Mu triode, low noise tube. Similar to 6533, 5702, 5744
6248	6248	QK311, QK311/6248	Magnetron
6249	6249	QK349	Tunable pulsed magnetron
6250	6250		Miniature electrometer tetrode (French)
6251	6251		Water cooled VHF transmitting tetrode
6252	6252	AX9910	UHF transmitting double tetrode
6253	6253	QK306	CW reflex klystron
6254	6254		CW reflex klystron. Similar to 2K33
6256	6256		Water cooled transmitting triode
6257	6257		Water cooled transmitting triode

Tube Type	Current Service Designation	Other Number	Class Description
6258	6258		Forced air cooled transmitting triode
6259	6259		Subminiature voltage reference tube (Canadian)
6260	6250	WX3346	Gas switching window (pre TR when used in pairs)
6261	6261		Modulated beam deflection tube (Canadian)
6263	6263		UHF pencil triode
6264	6264		UHF pencil triode
6265	6265		Miniature pentode. Similar to 6BH6
6267	6267		Miniature pentode (Canadian)
6268	6268	AX9911	Hydrogen thyratron (version of 4C35)
6270	6270		Tunable pulsed magnetron
6271	6271		Tunable pulsed magnetron
6272	6272		Tunable pulsed magnetron
6273	6273		Tunable pulsed magnetron
6274	6274		Tunable pulsed magnetron
6275	6275		Tunable pulsed magnetron
6276	6276		ATR Similar to 1B35
6277	6277	3B28A	Inert gas half-wave rectifier
6278	6278		Xenon thyratron Similar to C5F14
R6279	R6279		Selected 2B22 lighthouse diode
6279	6279	AX-9912	Hydrogen thyratron. Similar to 5C22
6280	6280	416D	UHF planor triode
6280/416B	6280/416B		UHF planor triode
6281	6281		Subminiature filamentary pentode
6282	6282	CK574AX	Broadband TR tube
6283	6283		UHF forced air cooled transmitting tetrode
R6285	R6285		Selected 2B22 lighthouse diode
6285	6285	BL-11	High power pulsed magnetron
6286	6286		Subminiature VHF triode. Similar to 5676
6287	6287	SD1064A	Reliable miniature beam pentode
R6288	R6288		Modified type 2D21
6288	6288		Xenon rectifier
6289	6289		Corona discharge voltage regulator
6290	6290		Gamma counter tube
6291	6291	K1189	10 stage photomultiplier
6292	6292	K1186	10 stage photomultiplier
6293	6293		Pulsed modulator beam pentode (6146 with pulse ratings)
6294	6294		Reflex klystron
6295	6295		Reflex klystron
6299	6299	L29, Z3011	Miniature lighthouse UHF triode
6301	6301		Reference cavity
6303	6303	X80	Transmitting high vacuum rectifier
6304	6304	BL-43	ATR tube

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Tube Type	Current Service Designation	Other Number	Class Description
6305	6305		Miniature half-wave rectifier (British)
6306	6306		Gamma counter tube
6307	6307		Proportional counter tube
6308	6308		Reliable receiving subminiature voltage reference (operating voltage approx. 85v)
6310	6310	V260, QK417/6310	Reflex klystron
6311	6311	V261	Reflex klystron
6312	6312	V-270	Reflex klystron
R6313A	R6313A		Xenon thyratron
6313	6313	V280	Reflex klystron
6314	6314	V290	Reflex klystron
6315	6315	V-153, V-56, V56/6315	Reflex klystron
6316	6316	V151, QK436, BL800A	Reflex klystron oscillator
6320	6320	R2193	Subminiature twin triode (low heater drain)
632'	6321	R2194	Subminiature twin triode (low heater drain)
6322	6322	BL25	TR tube
6323	6323		Nine stage photomultiplier tube
6324	6324		25 element radial beam tube, same as 6170 with base
6325	6325	L-1308A	Full wave rectifier. Similar to 5R4WGY
6326	6326		Vidicon TV camera tube
6327	6327		Beam power pentode (equivalent to two 6AR6'S)
6328	6328		Nine stage photomultiplier tube
6330	6330		Vacuum relays
6331	6331		Vacuum relays
6332	6332		Subminiature cold cathode voltage regulator
6333	6333		Water cooled transmitting triode Similar to 892
6334	6334	BL27	Dual TR tube (Band Pass)
6336	6336		Reliable twin triode voltage regulator
6336A	6336A		Ruggedized 6336
6336B	6336B		Equivalent to 6336A
6337	6337		Reliable triode voltage regulator
6339	6339		Clipper diode (smaller version of 3B29)
6342	6342		Ten stage photomultiplier tube
6343	6343		Vacuum gage
6344/QK235	6344/QK235		Tunable pulsed magnetron
6345	1HT4		See 1HT4
6346	6346		Ignitron, temperature controlled version of 5551/FG271
6347	6347		Ignitron, temperature controlled version of 5552

Tube Type	Current Service Designation	Other Number	Class Description
6348	6348		Ignitron, temperature controlled version of 5553
6350	6350		Miniature double triode for computer applications
6351	6351		Miniature secondary emission pentode (British)
6352	6352		Subminiature double diode
6353	6353		Corona regulator tube
6354	6354		Miniature voltage stabilizer (Canadian)
6355	6355	R2164	Twin tuning indicator tube
6356	6356	TD10	Super high frequency gas noise source
6357	6357	TD11	S.H.F. gas noise source
6358	6358	TD12	S.H.F. gas noise source
6359	6359	TD13	S.H.F. gas noise source
6360	6360		V.H.F. receiving twin tetrode
6361	6361	TT25	Position sensing device
6362	6362		Multiplier phototube
6363	6363	K1197	Multiplier phototube
6364	6364	K1198	Multiplier phototube
6365	6365	K1213	Multiplier phototube
6366	6366		Forced air cooled transmitting triode modulator, R.F. amplifier, oscillator
6367	6367		Forced air cooled transmitting triode modulator, R.F. amplifier, oscillator
6368	6368		T.R. tube. Small flange modification of 5863
6370	6370		Decade counter tube
6372	6372	C-7157A	Multiplier phototube, alpha counting
6373	6373		Subminiature R.F. output pentode (British)
6374	6374		Subminiature half wave rectifier (British)
6375	6375		U.H.F. subminiature R.F. triode (British)
6376	6376		Fission counter tube
6377	6377		Radiation counter tube
6378	6378	BL-62	Tunable TR tube. Miniature version of 1B24A
6379	6379		Water cooled transmitting triode
6380	6380		Infra-red image tube. Similar to 1C16
6381	6381		Infra-red image tube
R6383	6590		See 6590
6383	6383		Liquid and forced air cooled power tube U.H.F.
6384	6384		Reliable tetrode power amplifier. Equivalent to 6098/6AR6WA
6385	6385		Reliable receiving miniature medium Mu twin triode. Similar to 2C51. 5670 and 6854

Tube Type	Current Service Designation	Other Number	Class Description
6386	6386		Reliable receiving miniature medium Mu twin triode
6388	6388		Cold cathode trigger tube, gas filled
6389	6389		Ruggedized reflex klystron
6390	6390		External cavity reflex klystron
6391	6391		Subminiature pentode, low micro-phonics (British)
6393	6393	BL68	Broad band ATR tube
6394	6394		Low Mu twin power triode (26.5 volt version of 6336)
6395	6395		Miniature R.F. pentode non-micro-phonics. Similar to 1U4
6396	6396	BL650	Broad band ATR tube. Similar to 6890/BL650
6397	6397		U.H.F. subminiature pentode. Similar to 6147
6399	6399		Water cooled transmitting triode
6400	6400		Water cooled transmitting triode
6401	6401		U.H.F. forced air cooled transmitting triode
6402	6402	QK437, 6402/QK437	Tunable pulsed packaged magnetron
6402/QK437	6402		See 6402
6403	6403	6403/QK303, QK303	Tunable pulsed packaged magnetron
6403/QK303	6403		See 6403
6405	6405	1640, 6405/1640 RCA1640	Gas phototube
6405/1640	6405		See 6405
6406	6406/QK428		See 6406/QK428
6406/QK428	6406/QK428	6406	Fixed frequency packaged pulsed magnetron
6409/QK436	6409/QK436		Reflex klystron
6410	6410	QK338, 6410/QK338	Pulsed packaged magnetron
6410/QK338	6410		See 6410
6410A/QK338A	6410A/QK338A	QK338A	Pulsed packaged magnetron
6411	6411		Infra-red image tube
6414	6414		Reliable miniature receiving medium Mu twin triode computer tube. Equivalent to 5965 and 6829
6417	6417		Miniature VHF beam power pentode (12.6 version of 5763)
6418	6418	CK548DX	Subminiature power amplifier pentode for portable equipment
6419	6419		Subminiature voltage amplifier pentode, similar electrically to CK549DX
6420	6420		Water cooled transmitting triode
6421	6421		Water cooled transmitting triode
6421F	6421F		Forced air cooled transmitting triode
6422	6422		Water cooled transmitting triode
6423	6423		Water cooled transmitting triode

Tube Type	Current Service Designation	Other Number	Class Description
6424	6424		Water cooled transmitting triode
6425	6425		Forced air cooled transmitting triode
6426	6426		Water cooled transmitting triode
6427	6427		Forced air cooled transmitting triode
6435	6435		Reference cavity
6436	6436	CK1036	Subminiature cold cathode gas diode
6437	6437	CK1037	Corona discharge voltage regulator
6438	6438	CK1038	Corona discharge voltage regulator
6442	6442	Z1911	Microwave triode (lighthouse type)
6443	6443		Miniature half wave rectifier (British)
6444	6444		C.W. magnetron
6445	6445		Forced air cooled transmitting triode. Similar to 892R
6446	6446		Water cooled transmitting triode. Similar to 892
6447	6447		Forced air cooled transmitting triode. Similar to 892R
6448	6448		U.H.F. water cooled beam power tetrode
6452	6452		Reference cavity
6455	6455	BL61	ATR tube
6462	6462	R2211	Magnetic pick up tube
6463	6463		Receiving miniature medium Mu twin triode computer tube
6465	6465	K-484	Two cavity klystron amplifier
6466	6466	K-485	Two cavity klystron amplifier
6467	6467	K1231	Ten stage photo multiplier
6468	6468		Integral cavity wave guide output klystron
6469	6469		Integral cavity wave guide output klystron
6470	6470		Integral cavity wave guide output klystron
6471	6471	BS408	Corona discharge voltage regulator
6472	6472		Nine stage photo multiplier (headlight control)
6474	6474	1854	Image orthicon
6475	6475		U.H.F. voltmeter diode (probe diode)
6476	6476		Cold cathode decade counter tube
6478	6478		Thyratron
6481	6481		Microwave planar triode
6482	6482		Cold cathode decade counter tube
6483	6483		Cold cathode trigger tube
6485	6485		Receiving miniature pentode (special version 6AH6)
6486	6486		Reliable receiving miniature dual con- trol pentode. Similar to 5725/6AS6W
6486A	6486A		Equivalent to 6486

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Tube Type	Current Service Designation	Other Number	Class Description
6487	6487		Subminiature R.F. pentode (British)
6488	6488		Subminiature R.F. pentode (British)
6489	6489		Subminiature diode (British)
6490	6490		Gamma counter tube
6491	6491		Beta-gamma counter tube
6493	6493		Travelling wave tube amplifier
6494	6494		Travelling wave tube-Dispersive amplifier
6495	6495		Travelling wave tube-Broad band, low noise
6496	6496		Backward wave oscillator
6497	6497		Numerical indicator (Inditron)
6498	6498		Direct view storage tube (Memotron)
6499	6499	C73404	Barrier grid storage tube (Radechon)
6500	6500	C73405	Barrier grid storage tube (Radechon)
6501	6501		Dual TR tube
6503	6503		UHF planar triode
6504	6504		Double grid, ignitron
6507	6507		Magnetron oscillator, "L" type
6508	6508		Rectifier
6509	6509		Ignitron (rectifier service), similar to GL5555/FG-238B
6510	6510		Magnetron, pulse type, fixed frequency
6511	6511		Ignitron, water cooled
6512	6512		Ignitron, water cooled, mercury-pool rectifier
6513	6513		Ignitron, water cooled, mercury-pool rectifier. Similar to GL5555
6514	6514		Ignitron, water cooled, rectifier
6515	6515		Ignitron, water cooled, rectifier
6516	6516		Receiving H.F. pentode, 7 pin miniature. Similar to 6AM5 (British-Brimar)
6517	6517	QK358	Magnetron, IMW, tunable pulse, air cooled
6518	6518		Magnetron, pulsed type oscillator
6519	6519		Receiving, subminiature, power amplifier pentode
6520	6520		Low Mu twin power triode, characteristics of 6AS7G
6521	6521		Magnetron, fixed pulse oscillator
6522	6522		Hydrogen thyratron, similar to 5C22, KU25, HT45
6524	6524		Twin beam power amplifier, UHF, similar to 6850
6525	6525		Tetrode thyratron, relay driver
6526	6526		Receiving pentode power amplifier, subminiature

Tube Type	Current Service Designation	Other Number	Class Description
6527	6527		Magnetron, forced air cooled, fixed frequency, pulsed. Similar to 2J42, and QK472
6528	6528		Medium Mu twin power triode
6531	6531	TE-30	Reflex klystron
6532	6532		Screw base half wave rectifier
6533	6533		Reliable receiving subminiature low noise high Mu triode. Similar to 6247, 5744
6533WA	6533WA		Improved 6533, see also 8096
6535	6535		Thermocouple vacuum gauge tube
6536	6536		Thermocouple vacuum gauge tube
6537	6537		Low noise amplifier, traveling wave tube
6538	6538		Receiving (acorn tube) cold cathode stabilizer (Mullard-English)
6539	6539		Receiving (acorn tube) cold cathode stabilizer (Mullard-English)
6540	6540	QF861	Subminiature pentode. Similar to 5702WA
6541	6541		Klystron, rugged-K band-oscillator, tuning version
6542	6542		Receiving tube, subminiature, cold cathode, gas diode
6543	6543/4J52T	4J52T	Tunable pulsed magnetron
6544	6544		Transmitting pulsed beam triode
6545	6545		Tunable, transmitting-receiving tube, 100KW peak
6546	6546		ATR, 100KW peak power
6549	6549		Beam power pentode, 75 watts plate dissipation
6550	6550		Receiving AG beam power amplifier
6551	6551	QK444	Magnetron, 40KW, pulsed, air cooled
6558	6558		Tunable air cooled magnetron. Similar to 4J50
6559	6559		TWT, CW or pulsed plate dissipation 1 watt
6560	6560	BL35, 6560/BL35	Dual TR tube
6560/BL35	6560		See 6560
6562	6562		Pencil tube, fixed-tuned, oscillator triode
6564	6564	BL71	TR tube, dual broad band, gas stitching
6565	6565	BL313	Shutter and TR tube, X band
6566	6566	BL26	Tunable TR tube
6567	6567		Transmitting triode, water cooled
6568/BL28	6568/BL28	BL28	Band pass TR tube
6569	6569		Power triode, radiation cooled, 250W plate dissipation
6570	6570		Vacuum phototube - red response

Tube Type	Current Service Designation	Other Number	Class Description
6571	6571	C73345	Computer storage tube
6573	6573	QK483/6573	CW oscillator klystron
6574	6574		Gas tetrode (Mullard British)
6576	6576		Water cooled transmitting triode
6577	6577		Typotron - 5 inch direct view storage tube
6578	6578		Ionization gauge tube
6579	6579		Thermistor vacuum gauge
6580	6580		Power triode
6582	6582	TE-35	Reliable miniature RF sharp cut off pentode
6582A	6582A		Miniature pentode RF sharp cut off
6584	6584	TE-38	Klystron, reflex, CW
6587	6587		Hydrogen thyatron
6588	6588	BL315, 6588/315	Shutter tube, non-pressurized
6588/BL315	6588		See 6588
6590	6590	R6383	Subminiature xenon thyatron
6591	6591		ATR broad band tube
6592	6592	BL309	TR and shutter tube, band pass
6593	6593	BL310	TR and shutter tube, band pass
6594	6594	BL311	TR and shutter tube, band pass
6595	6595	BL316	TR tube and shutter
6596	6596	BL317	Shutter and TR tube
6597	6597	BL320	TR and shutter tube, band pass
6599	6599	BL322	Dual TR and shutter tube - x band
6600	6600	BL323	Shutter tube for use with TR tube
6601	6601	BL327	DUAL TR and shutter tube
6602	6602	BL329	Shutter and TR tube
6604	6604	BL509	Hybrid duplexer with shutters
6605	6605	BL96	Pre - TR tube
6611	6611		Receiving subminiature, flat press
6612	6612		Receiving subminiature, flat press
6613	6613	BL324	Dual TR and shutter tube - x band
6615	6615	BL312	TR and shutter tube
6616	6616	BL326	Shutter and TR tube, broad band
6616	6616	BL326	Shutter and TR tube, broad band
GL-6619	GL-6619		See 6619
6619	6619	Z1957, TR136, GL6619	Polarization duplexer gas discharge device
GL6620	6620		See 6620
6620	6620	Z1951, GL-6620	Pre TR polarization duplexer - gas discharge device
GL-6621	6621		See 6621
6621	6621	Z1956, GL-6621	Polarization duplexer - gas discharge device
6623	6623		Power amplifier triode, forced air cooled
6624	6624		TR tube fixed tuned, integral cavity
GL6625	6625		See 6625
6625	6625	GL-6625	Klystron, tunable pulsed

Tube Type	Current Service Designation	Other Number	Class Description
6626	6626/OA2WA		See 6626/OA2WA
6626/OA2WA	OA2WA	6626	See OA2WA
6627	6627	6627/OB2WA, OB2WA	Reliable miniature voltage regulator Equivalent to OB2 and 6074, (operating volt approx. 108V) See OB2WA
6627/OB2WA	OB2WA		See OB2WA
6629	6629	BL54, 6629/BL54	ATR tube See 6629
6629/BL54	6629		ATR tube
6630	6630	BL55, 6630/BL55	See 6630
6630/BL55	6630		ATR tube, 1B37A with ignitor, for beacon use
6631	6631	BL94, 6631/BL94	See 6631
6631/BL94	6631		TR tube, L band, tunable
6632	6632	BL18	TR tube, fixed tuned
6633	6633	BL37, 6633/BL37	See 6633
6633/BL37	6633		TR tube, dual band pass
6634	6634	BL90, 6634/BL90	See 6634
6634/BL90	6634		TR tube, integral cavity
6635	6635	BL57, 6635/BL57	See 6635
6635/BL57	6635		TR tube
6636	6636	BL87, 6636/BL87	See 6636
6636/BL87	6636		TR tube, tunable
6637	6637	BL31, 6637/BL31	See 6637
6637/BL31	6637		TR tube
6638	6638	BL99, 6638/BL99	See 6638
6638/BL99	6638		Tunable TR tube
6639	6639	BL46, 6639/BL46	See 6639
6639/BL46	6639		Dual TR tube (short slot duplexer)
6640	6640	BL60, 6640/BL60	See 6640
6640/BL60	6640		Dual TR tube
6641	6641	BL86, 6641/BL86	See 6641
6641/BL86	6641		Dual TR tube
6642/BL600	6642/BL600	BL600	Dual TR tube
6643	6643	BL81, 6643/BL81	TR tube
6643/BL81	6643		See 6643
6644	6644	BL95, 6644/BL95	TR tube, integral cavity
6644/BL95	6644		See 6644
6645	6645	BL95H, 6645/BL95H	TR, band pass
6645/BL95H	6645		See 6645
6646/BL604	6646/BL604	BL604	Dual TR tube
6647/BL604-H	6647/BL604H		Dual TR tube
6648/BL615	6648/BL615	BL615	Dual TR tube, band pass
6649	6649	BL56	TR tube, band pass 100KW
6650	6650	BL67	TR tube, tunable
UX6653	UX6653		Gas switching tube
6655	6655		Photomultiplier, 10 stage head-on type
6656	6656		Image dissector camera tube
6657	6657		Image dissector camera tube
6658	6658		Traveling wave tube

Tube Type	Current Service Designation	Other Number	Class Description
6659	6659	CK1042	Subminiature cold cathode half wave rectifier
F6660	562		See 562
6660	6660		Miniature pentode, remote cut off, hi transconductance. Prototype 6BA6
6661	6661		Miniature pentode, sharp cut off. Prototype 6BH6
6662	6662		Miniature pentode, remote cut off. Prototype 6BJ6
6663	6663		Miniature twin diode, hi-perveance. Prototype 6AL5
6664	6664		Miniature vhf triode, prototype 6AB4
6665	6665		Photomultiplier. Improved 5819
6669	6669		Miniature beam power pentode. Prototype 6AO5
6676	6676		Miniature sharp cutoff pentode, prototype 6CB6
6677	6677		Miniature power pentode. Prototype 6CL6
6678	6678		Miniature triode pentode, hi Mu. Prototype 6U8
6679	6679		Miniature hi Mu twin triode. Prototype 12AT7
6680	6680		Miniature medium Mu twin triode. Prototype 12AU7
6681	6681		Miniature hi Mu twin triode. Prototype 12AX7
6683	6683		UHF beam power amplifier. Same as 6146 except heater
6684	6684	TD18	Gas noise source tube
6685	6685	BL616, 6685/BL616	Dual TR tube
6685/BL616	6685		See 6685
6686	6686		Miniature output pentode, similar to 6227 except heater. (Canadian Rogers Elect.)
6687	6687		Dual control heptode (Canadian)
6688	6688		Pentode (Canadian)
6688A	6688A		Pentode, wide band, improved 6688
6689	6689		Pentode (Canadian)
6690	6690		Subminiature receiving twin triode, medium Mu
6691	6691		Oscillator, 3 electrode, forced air cooled
6692	6692		Transmitting triode
6693	6693		High voltage mercury rectifier
6694	6694		Photoconductive cell, 3500-5500A, blue-green
6694-A	6694A		Photoconductive cell
6695	6695	QK253-M, HK7T	Tunable pulse magnetron

Tube Type	Current Service Designation	Other Number	Class Description
6696	6696		Water and forced air cooled, transmitting triode
6697	6697		Forced air cooled, transmitting triode
6698	6698		Traveling wave tube, high power pulse amplifier
6699	6699		Backward wave oscillator, medium power
6700	6700		Beam switching tube, 10 positions
6701	6701		Beam switching tube
6703	6703	BD301	Beam switching tube, shielded version of 6700
6704	6704	M010R	Beam switching tube
6710	6710	BX1000	"Beam-X" beam switching tube
6711	6711	BX2000	"Beam-X", shielded version of 6710
6712	6712	BX3000	"Beam X" beam switching tube
6752	6752		Traveling wave tube, medium power amplifier
6753	6753		Traveling wave tube, low level amplifier
6754	6754	TE36, 412A	Reliable full wave rectifier, miniature
6756	6756		Water-cooled triode RF oscillator
6757	6757		Water-cooled triode RF oscillator
6760	6760		Power amplifier pentode, miniature (Swedish)
6761	6761		Power amplifier pentode, miniature (Swedish)
6762	6762		Wamoscope
6763	6763		Cold cathode, gas, half wave rectifier. Similar to CK5517
6764	6764		Magnetron
6771	6771		High Mu triode, metal and ceramic, parallel plane construction
6775	6775		Power tetrode, similar to 4-400A
6777	6777		Thyratron, hydrogen filled
6778	6778		Subminiature triode (British)
6779	6779		Cold cathode inert gas tube (British)
6780	6780	BL800	Klystron oscillator
6781	6781	BL803	Klystron, integral cavity
6782	6782	TD22	Gas noise source, argon - high frequency
6783	6783		Thyratron, inert gas mercury vapor
6784	6784		Traveling wave tube
6786	6786		Thyratron, mercury vapor
6787	6787		CW magnetron, forced air cooled
6788	6788	SN1776	Subminiature sharp cut off pentode
6789	6789		Glow discharge tube, cold cathode, gas filled
6792	6792		Hi-vacuum beam tetrode control tube
6793	6793		Hi-voltage, hi-vacuum relay
6795	6795		TR tube, miniaturized x-band

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Tube Type	Current Service Designation	Other Number	Class Description
6796	6796		Dual x-band TR tube, similar to 6334
6797	6797		TR tube, miniaturized dual x-band
6798	6798		TR tube
6799	6799		Magnetron, hi-power, pulsed, fixed frequency
6800	6800		Circulating water, air cooled industrial oscillator
6801	6801		Circulating water, air cooled industrial oscillator
6802	6802		Cold cathode, bi-directional decade counter tube
6803	6803		Radio frequency, amplifier, oscillator or class B modulator
6804	6804		Forced air cooled oscillator
6805	6805	BL625	Double TR tube
6806	6806		UHF beam power tube
GL-6807	6807		See 6807
6807	6807	GL6807	Thyratron, three electrode gas filled, like 6809 except base
GL6809	6809		See 6809
6809	6809	GL6809	Thyratron, inert gas filled. Like 6807 except base
6810	6810		See 6810A
6810A	6810A	6810	Multiplier phototube, 14 stage
6811	6811		Klystron, pulsed (Swedish)
6812	6812		Klystron, pulsed (Swedish)
6814	6814		Subminiature triode
6816	6816		Beam power tube forced air cooled, similar to 6884
6823	6823		Tunable, pulsed magnetron
6824	6824		Tunable, pulsed magnetron
6825	6825		TR tube
6826	6826		TR tube
6829	6829		Reliable receiving miniature medium Mu twin computer tube. Equivalent to 5965 and 6414
6830	6830		Gaseous voltage regulator
6831	6831		Gaseous voltage regulator
6832	6832		Subminiature double triode, medium Mu
6833	6833		Radiation counter, hi sensitivity, directly interchangeable with 1B85A
6835	6835	QK464	Storage tube, electrical output
6836	6836	16PMI	Photomultiplier
6839	6839		Image converter shutter tube
6840	6840		Miniature twin triode, medium Mu
6841	6841	QK400	Magnetron, fixed frequency pulsed, similar to QK308 and QK247
6842	6842		Miniature high voltage regulator

Tube Type	Current Service Designation	Other Number	Class Description
6843	6843	QK447	Magnetron, tun able pulsed, air cooled
6844	6844		Numerical indicator, gas filled, cold cathode, ten digit
6845	6845	QK386	Klystron, thermally tuned
6846	6846		Counter tube, miniature
6848	6848		Transmitting tetrode, forced air cooled
6849	6849		Image orthicon, camera tube, for scientific research
6850	6850		Twin beam power tube
6851	6851		Miniature high Mu double triode
6852	6852	TD-24	Gas noise source
6853	6853		Reliable receiving full wave high vacuum rectifier. Equivalent to 5Y3GT and 6106
6854	6854		Reliable receiving miniature medium Mu twin triode. Equivalent to 6385. Similar to 2C51 and 5670
6855	6855		Thyratron, mercury vapor
6856	6856		Thyratron, mercury vapor
6857	6857		Thyratron, mercury vapor
6858	6858		Thyratron, mercury vapor
6859	6859		Thyratron, mercury vapor
6860	6860		Thyratron, mercury vapor
6861	6861		Traveling wave tube
6864	6864	ELC6J/K	Grid controlled gas rectifier
6865	6865	A1092A	Tunable magnetron, similar to 4J50
6865A	6865A		Forced air cooled tunable magnetron
6866	6866		Storage tube - 5 inch direct view
6867	6867		Traveling wave tube
6868	6868		Traveling wave tube
6870	6870		VHF power pentode, 9 pin miniature for use up to 150 Mc
6871	6871	ELC6J/KF	Grid controlled gas rectifier
6872	6872		Subminiature pentode
6873	6873		Trigger tube - cold cathode (miniature thyratron)
6874	6874		Hi power magnetron, similar to 4J50
6875	6875	207, 207/6875	Radiation counter tube
6876	6876		Radiation counter tube
6877	6877		Miniature low Mu triode
6878	6878		Ignitron
6879	6879		Miniature cold cathode counter tube. Similar to 6802
6881	6881	TD21	Gas noise source
6882	6882	TD-23	Super hi frequency gas noise source
6883	6883		Beam power tube, similar to 6146
6884	6884		Beam power tube, forced air cooled
6885	6885		Planar triode, forced air cooled (French)

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Tube Type	Current Service Designation	Other Number	Class Description
6886	6886		UHF Planar triode, forced air cooled, selected 6885 (French)
6887	6887		Twin diode, 7 pin, miniature for on-off control applications
6888	6888	TE40	Receiving pentode, dual control computer
6889	6889	TE52	Receiving beam power amplifier
6890	6890	BL650, 6890/BL650	ATR tube, broad band. Similar to 6396
6890/BL650	6890		See 6890
6891	6891		Traveling wave tube
6893	6893	2E26	Beam power amplifier
6894	6894		Half wave mercury vapor rectifier, similar to 6895 except base
6895	6895		Half wave mercury vapor rectifier similar to 6894 except base
6896	6896	1855	Graphechon (storage tube)
6897	6897		UHF planar triode, version of 2C39, not completely interchangeable with 7289
6898	6898		Forced air cooled diode, hi vacuum rectifier
6899	6899	TR834	TR tube
6900	6900		Miniature twin triode
6901	6901		Gas and mercury filled thyatron
6902	6902		Backward wave oscillator, voltage tunable
6903	6903		Phototube multiplier
6904	6094		Dual TR and shutter tube
6905	6905	BL613	Dual TR tube
6906	6906	BL643	TR bandpass
6907	6907		Double tetrode, class C amplifier
6908	6908		Oil immersed diode, hi voltage
6909	6909		Decade counter
6910	6910		Decade counter
6911	6911		Multiplier phototube, 10 stage
6912	6912		Camera tube
6913	6913		Twin triode for computers
6914	6914		See 6914A
6914A	6914A	6914	Image converter, hi voltage unipotential
6916	6916		Gamma counter (Canadian)
6917	6917		Magnetron, voltage-tunable
6919	6919		Twin diode, 7-pin miniature
6920	6920		Forced air cooled transmitting triode
6921	6921		Power triode, water cooled
6922	6922		Reliable miniature twin triode
6923	6923		Measuring diode (Canadian)
6925	6925		Transmitting triode, forced air cooled

Tube Type	Current Service Designation	Other Number	Class Description
6926	6926		Transmitting triode, water cooled
6927	6927		Twin triode, (Swedish)
6928	6928		Power amplifier pentode, (Swedish)
6929	6929	C73413A	Image converter tube
6930	6930		Half wave power rectifier,- mercury vapor
6931	6931		Gas filled, corona discharge regulator
6935	6935		Multiplier phototube
6937	6937		Ionization chamber, uncompensated
6938	6938		Proportional counter. High sensitivity
6939	6939		Transmitting tetrode, similar to 5656 with higher power
6940	6940		Klystron, integral cavity
6941	6941		Ionization chamber
6941A	6941A		Ionization chamber
6942	6942	Z5053/6942	UHF transmitting tetrode, improved version of 6183 and equivalent to 6183
6942/Z5053	6942		See 6942
6943	6943		Subminiature sharp cut off RF pentode
6944	6944		Subminiature, semi-remote cut off pentode
6945	6945		Subminiature AF beam power pentode
6946	6946		Subminiature medium Mu triode
6947	6947		Subminiature medium Mu double triode
6948	6948		Subminiature hi-Mu double triode
6949	6949		Beam power pentode
6950/2039	6950/2039	6950, 2039	Super power tetrode
6952	6952	A2534C/6952	Pulsed beam power tube
6953	6953		Gas phototube
6954	6954		Miniature dual control pentode
6955	6955		Duotriode, medium Mu
6957	6957		Photoconductive cell
6958	6958		Ignitron
6959	6959	QK172	Magnetron, pulsed, fixed frequency
6961	6961		Transmitting triode, forced air cooled
6962	6962		ATR gas switching tube
6968	6968		Miniature sharp cut off pentode. Similar to 6AK5
6971	6971		Fission counter tube
6972	6972		Magnetron, pulsed, fixed frequency. (Canadian)
6973	6973		Receiving beam power tube, miniature
6974	6974		Reflex klystron, integral cavity
6975	6975	VA203B	Klystron
6977	6977		Subminiature voltage indicator
6981	6981		Ionization gauge

Tube Type	Current Service Designation	Other Number	Class Description
6982	6982	EL3C/L	Full wave gas rectifier
6983	6983	EL6B/L	Half wave gas rectifier
6984	6984	ELC4H-1	Grid control gas rectifier
6985	6985	ELC4H-2	Grid control gas rectifier
6986	6986	ELC4H-3	Grid control gas rectifier
6990	6990		Storage tube, five inch
6991	6991		Storage tube, five inch
6992	6992		Storage tube, three inch
6993	6993		Radiation counter tube
6994	6994	VA94B	Reflex klystron
6996	6996		CW traveling wave amplifier, also for pulse service
6997	6997		Pulsed traveling wave amplifier
6998	6998		Proportional counter
6999	6999		Subminiature pentode, obsolete
VXR7000	VXR7000		Very high voltage regulator, corona type
7000	7000		Receiving amplifier (selected 6J7)
7001	7001		Beam tetrode (British)
7002	7002		Transmitting triode, oil cooled
7003	7003		Hard tube pulse modulator
7006	7006		Magnetron, high power
7007	7007		Transmitting tetrode, forces air cooled
7008	7008		Magnetron, tuneable
7009	7009	BD200S	Miniature numerical indicator (Nixie)
7012	7012		Transmitting triode. Forced air cooled
7014	7014		Full wave rectifier, argon mercury vapor
7015	7015		Full wave rectifier, argon mercury vapor with lug base
7016	7016		Full wave rectifier, argon mercury vapor
X7017	X7017		Magnetron, K band, pulsed, 50KW
7017	7017		Full wave rectifier. 7016 with lug base
7018	7018		Half wave rectifier, mercury vapor
X7019	X7019		Magnetron, CW, 25W
7019	7019		Half wave rectifier, argon mercury vapor
7020	7020		Half wave rectifier, argon mercury vapor. 7019 with lug base
VX7021	VX7021		Miniature lighthouse triode (British)
7021	7021		Thyratron, argon mercury vapor
7022	7022		Thyratron, argon mercury vapor
7023	7023		Thyratron, argon mercury vapor
7025	7025		Receiving hi-Mu twin triode, miniature. Similar to 12AX7
7027	7027		Beam power tube for hi fi audio applications

Tube Type	Current Service Designation	Other Number	Class Description
7028	7028		Packaged magnetron, pulsed, fixed frequency (British)
7029	7029		10-stage high vacuum photomultiplier, S-17 response
7030	7030		High power vacuum diode
7031	7031		Thyratron, inert gas filled
7032	7032		Heptode, 7-pin miniature (British)
7033	7033		Storage tube, 5-inch, electrostatic focus, magnetic deflection
7034	7034		Beam power tube, forced air cooled. Similar to 4X150A
7034W	7034W		Equivalent to 7034/4X150A
7035	7035		26.5V heater version of 7034
7035W	7035W		Equivalent to 7035/4X150D
7036	7036		Miniature, sharp cut off dual control heptode for computer use. Same as 5915A with longer bulb
7037	7037		3-inch magnetic focus and deflection image orthicon for color television
7038	7038		1-inch magnetic deflection and focus vidicon
VX7039	VX7039		Traveling wave amplifier (British)
7042	7042		Water cooled 4KV double grid ignitron. Same as 5958 but with integrally mounted thermostatic control
7043	7043		Vacuum phototube, S-4 response
7044	7044		Miniature double triode, medium Mu, for computer
7046	7046		14-stage vacuum photomultiplier. S-11 response
X7047	X7047		Gas switching tube, see 6023
7049	7049	ZV1009	Reflex klystron, ceramic (Polarad)
C7050A	C7050A		Red sensitive photomultiplier
7050	7050		Hydrogen gas filled triode
7054	7054		9-pin miniature power pentode
7055	7055		7-pin miniature twin diode for use in mobile communications equipment. Operating from 6-cell battery system
7056	7056		7-pin miniature sharp cut off pentode
7057	7057		7-pin miniature twin triode
7058	7058		9-pin miniature high Mu twin triode
7059	7059		9-pin miniature sharp cut off pentode
7060	7060		9-pin miniature medium Mu triode, power pentode
7061	7061		9-pin miniature beam power tube
7062	7062		Receiving twin triode (Canadian)
C7063	1P24	VT-280	See 1P24
7064	7064		10-stage 2-inch high gain photomultiplier, S-11 spectral response

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Tube Type	Current Service Designation	Other Number	Class Description
7065	7065		10-stage, 1½ inch, end window photo-multiplier, S-11 response
7069	7069	VA208	Reflex klystron
7071	7071		Reflex klystron
7072	7072		Traveling wave amplifier
7077	7077		Triode for UHF amplifier applications. Ceramic. Low noise
7079	7079		Subminiature double triode
7083	7083		Subminiature sharp cutoff pentode
7085	7085		Triode, water and forced air cooled thoriated tungsten filament power amplifier oscillator
7086	7086		Forced air cooled xenon thyratron
7087	7087		Cylindrical construction BF ₃ /Boron ¹⁰ proportional counter tube
7090	7090		Integral magnet CW magnetron. 200W
7091	7091		Integral magnet CW magnetron. 2KW
7093	7093		Integral magnet pulse magnetron. 25KW
7094	7094		Forced air cooled power amplifier oscillator, modulator beam tetrode
7098	7098		Magnetron, mechanically tuned, pulsed, air cooled, integral magnet
7099	7099		Subminiature voltage regulator
7100	7100		Power diode
7101	7101		1120-1700 Mc gas noise source
7102	7102		10-stage head-on multiplier phototube
7105	7105		Twin triode, low Mu. Similar to 6080WA except for heater rating 12.6V
C7106	1P37		See 1P37
X7107	5789		See 5789
X7108	5790		See 5790
X7109	5863		See 5863
7110	7110		Tuneable magnetron
7111	7111		Tuneable magnetron
C7112A	C7112A		Midget phototube with S-4 surface
7112	7112		Tuneable magnetron
7116	7116		Traveling wave tube
7117	7117		9-stage photomultiplier, S-4 response. Used for auto-headlight dimming
7119	7119		Double triode with separate cathode connections (Canadian)
7120	7120		Transmitting triode, water cooled
7121	7121		Transmitting triode, air cooled
7124	7124		Transmitting triode, water cooled
7125	7125		Transmitting triode air cooled
C7128B	6032		See 6032

Tube Type	Current Service Designation	Other Number	Class Description
C7132 7137	C7132 7137		Photomultiplier Miniature medium-Mu triode. Similar to 6J4WA
C7138 7138	C7138 7138		Photomultiplier for scintillation counting. Similar to 5819 Pulse magnetron, integral magnet (Canadian)
C7139 7139	C7139 7139		Photomultiplier for scintillation counting. Similar to 1P28 Pulse magnetron, integral magnet (Canadian)
C7140 7140	C7140 7140		Photomultiplier for scintillation counting. Similar to 5819 Pulse magnetron integral magnet (Canadian)
7141	7141		Pulse magnetron, integral magnet (Canadian)
7142	7142		Pulse magnetron, integral magnet (Canadian)
7143	7143		Pulse magnetron, integral magnet (Canadian)
C7145	C7145		Photomultiplier for scintillation counting. Similar to 5819
C7147	C7147		Germanium photocell
7147	7147	TD33	Gas noise source
7148	7148	TD34	Gas noise source
7150	7150		Tetrode amplifier (Swedish)
7151	7151		Water cooled ignitron, stainless steel jacket
7152	7152/BL612	BL612	Pre TR tube
7153	7153	BD206	Super Nixie. 10 digit numerical indicator
C7154	C7154		Large coax phototube, mesh screen, cylindrical anode for simultaneous detection
7154	7154		Gas noise source
7155	7155		Cold cathode bidirectional decade counter tube. Similar to 6909
7156	7156	QK662	Pulsed packaged magnetron, see also QK662A
C7157	6372		See 6372
7159	7159		Clipper diode, liquid cooled
C7160	C7160		Infra-red multiplier phototubes
7160	7160	475	Corona regulator
7161	7161		Corona regulator
7162	7162		Corona regulator
7163	7163		S-15 response yellow-red sensitive cadmium sulphide cell, head-on type
C7165	C7165		High gain, high sensitivity, 16-stage, photomultiplier

Tube Type	Current Service Designation	Other Number	Class Description
7166	7166		TR, gas switching tube
7167	7167		VHF tetrode, 7-pin miniature
7169	7169		Ionization gauge tube
C7170	C7170		14-stage head-on type multiplier phototube with 5-inch cathode. Adaptable to scintillation counting applications
7170	7170		Ionization gauge tube
7171	7171		Ignitron
7172	7172		Direct view storage tube, electrostatic focus and deflection 2½ inch diameter
7173	7173		4-inch direct view storage tube. Magnetic deflection and focus
7174	7174		4-inch projection storage tube, electromagnetic deflection and focus
7175	7175		5-inch directional view storage tube, electrostatic focus, magnetic deflection
7176	7176		5-inch direct view storage tube. Electrostatic focus and deflection
7177	7177	IC-6	Image tube. Similar to 6929
7178	7178	KU53	Clipper diode
C7179A	C7179A		9-stage photomultiplier. S4 response
7179	7179		Water cooled ignitron
7180	7180		Same as 7179, except integral thermostatic control
C7181	C7181		Infra-red multiplier phototubes
7182	7182		Magnetron, water cooled (British)
7183	7183		5-inch direct view storage tube, electrostatic focus, magnetic deflection
KR7184	7184		See 7184
7184	7184	KR7184, VT227	Receiving pentode amplifier. Similar to 6V6
7185	7185		Transmitting triode
7186	7186		Flux mapping fission chamber
7187	7187		Fission counter tube
7188	7188		Fission counter tube
7189	7189		9-pin miniature pentode for power amplifier in hi fi audio
7190	7190		Ruggedized miniature hydrogen thyratron
7191	7191		Ruggedized miniature hydrogen thyratron. Anode connection at top of bulb
7192	7192		Ruggedized miniature hydrogen thyratron. Flexible leads on base
KR7193	7193		See 7193
7193	7193	KR7193	Transmitting and receiving UHF triode amplifier
C7195	C7195		Infra-red photomultiplier

Tube Type	Current Service Designation	Other Number	Class Description
7198	7198		Image orthicon. For severe environmental conditions. Interchangeable with 5820
7199	7199		Miniature medium-Mu triode, sharp cut off pentode. 9-pin
7200	7200		Photomultiplier, 9-stage, S-19 response
7201	7201		Single triode, low-Mu vacuum voltage regulator
C7203	C7203		Broad area photoconductive cell. Medium and near IR
7203/4CX250B	7203/4CX250B		Beam power tube. Forced air cooled
7204/4CX250F	7204/4CX250F		Beam power tube. Forced air cooled
C7205	C7205		Head-on germanium photocell
7205	7205		Cold cathode trigger tube
7206	7206		Transmitting triode
7207	7207		Transmitting triode
7208	7208		Pulsed magnetron
7209	7209		Transmitting triode
7210	7210		Transmitting triode
7211	7211		Transmitting triode
7212	7212		Beam power tube
7212W	7212W		Superseded by 6146W; replace with 6146W
7213	7213		Beam power tube, forced air cooled
7214	7214		Beam power tube, forced air cooled
7215	7215		Power amplifier triode
C7216	C7216		Photomultiplier. Similar to 6199
7216	7216	EL3CJ/L	Grid controlled rectifier
7217	7217		Half wave mercury diode (Italian)
7220	7220	H1012	3-inch direct view storage tube. Electrostatic deflection and focus
7221	7221		5 inch direct view storage tube, electrostatic deflection and focus
7222	7222	H1010	5 inch direct view storage tube, two electrostatic writing guns
7223	7223		Photocell
7224	7224		Photojunction cell
7225	7225		3-inch barrier grid storage tube
7226	7226		Vidicon for use in transistorized camera equipment for live pickup
7226A	7226A		Vidicon for use in transistorized camera equipment for live pickup. Ruggedized for severe shock and vibration
7227	7227		Miniature low voltage output pentode
7228	7228		5-inch direct view storage tube. Electrostatic deflection and focus
7229	7229		Trigger tube
7230	7230		Trigger tube

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Tube Type	Current Service Designation	Other Number	Class Description
7231	7231		Trigger tube
7232	7232		Trigger tube
7233	7233		Miniature triode series regulator
7234	7234		Receiving high voltage pentode
7235	7235		Miniature high-Mu triode amplifier for use in regulated power supplies. Similar to 2C53
7236	7236		Duo triode used as power amplifier in computer service
7237	7237		Forced air cooled triode
7239	7239		Miniature high voltage beam pentode
7240	7240		Miniature hydrogen thyratron
7241	7241		High power triode for use as passing tube in series regulated power supplies
7242	7242		High power triode for use as passing tube in series regulated power supplies
7243	7243		Radiation counter
7244	7244		Medium Mu double triode, stacked mount design and frame grid construction
7244A	7244A		7-pin miniature duotriode. Shorter than 7244
7245	7245		Miniature high Mu triode
7245A	7245A		Miniature high Mu triode. Shorter bulb than 7245
7246	7246		Subminiature triode
7247	7247		Dissimilar duo-triode
7248	7248		High voltage tetrode, oil cooled
7249	7249		High voltage tetrode, air cooled
7255	7255		Power amplifier triode
7256	7256		Pulsed magnetron oscillator
7257	7257		Image intensifier
7258	7258		Sharp cut off pentode, medium Mu triode
7262	7262		Vidicon. Magnetic focus and deflec- tion. Short, low power heater for transistorized camera
7263	7263		Camera tube of vidicon type. Capable of withstanding operating condi- tions involving severe shock and vibration
7264	7264		Multiplier phototube. 14-stage, head- on. S11 response. 2-inch scintillation counter
7265	7265		Multiplier phototube. 14-stage, head- on, flat faceplate. S20 response
7266	7266		Planar diode, ceramic and metal

Tube Type	Current Service Designation	Other Number	Class Description
7268	7268		5 inch direct view storage tube, two electrostatic writing guns
7269	7269		Mercury vapor thyratron
7270	7270		Beam power pentode, air cooled
7271	7271		Same as 7270 except heater voltage
7286	7286	472	Corona voltage regulator
7289	7289		Transmitting UHF oscillator. Supersedes 2C39, 2C39A, 2C39WA, 2C41 and 3CX100A5
7290	7290		Slow scan idicon
7291	7291		Vidicon for film pickup in television
7292	7292		Magnetron, water cooled (Canadian)
7293	7293		Image orthicon. Magnetic focus and deflection. 3-inch. Similar to 5820 (Canadian)
7294	7294		Image orthicon. Magnetic focus and deflection. 3-inch diameter. Interchangeable with 6474 (Canadian)
7295	7295		Image orthicon. Magnetic focus and deflection. 4½ inch diameter (Canadian)
7296	7296		High mu triode, ceramic and metal
7297	7297		Inert-gas-filled grid controlled thyratron. Electrically similar to 5877 and 7031
7298	7298		Inert-gas-filled grid controlled thyratron. Electrically similar to 5878 and 7299
R7300	R7300		Cold cathode gas discharge tube
R7301	R7301		Cold cathode gas discharge tube
R7302	R7302		Cold cathode gas discharge tube
R7303	R7303		Cold cathode gas discharge tube
R7304	R7304		Cold cathode gas discharge tube
R7305	R7305		Cold cathode gas discharge tube
7306	7306		Inert gas thyratron
7307	7307		Mercury vapor thyratron
7308	7308		Miniature twin triode
7309	7309	BL693, MPT26	TR tube
7311	7311	TE31	Miniature beam power pentode, metal-ceramic
7312	7312	TE32	Miniature low mu triode, metal-ceramic
7313	7313	TE33	Miniature half-wave rectifier, metal-ceramic
7315	7315		5-inch direct view storage tube. Electrostatic focus and deflection
7316	7316		Miniature twin triode for computers
7317	7317		Proportional counter tube
7318	7318		Miniature duotriode used as pulse amplifier
7319	7319/C1K/B		Thyratron, gas filled, see C1K/B

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Tube Type	Current Service Designation	Other Number	Class Description
7320	7320		Miniature af power amplifier pentode
7321	7321		Xenon filled thyratron triode. Wide temperature range version of 5685/C6J/A
7322	7322	1802	Hydrogen thyratron in ceramic-metal envelope
7323	7323		Subminiature indicating thyratron
7325	7325		Vidicon. For use in televising live scenes
7326	7326		Photomultiplier. 10-stage, head-on. S20 response
7327	7327		Medium Mu double triode
7328	7328		Power triode, low mu
7336	7336		Vidicon. For use in televising live scenes. See also 7325
C7330	C7330		Cold cathode gas discharge tube
C7330A	C7330A		Monoscope
C7332	3CP1		See 3CP-----
7333	7333		Shielded grid power triode
7334	7334		Pulse modulator, water cooled
7335	7335		Pulse modulator, air cooled
7336	7336		Vidicon camera tube
C7350	3AP1		See 3AP-----
7351	7351		Vidicon camera tube
7353	7353		Ionization chamber
7355	7355		Receiving beam power pentode
7356	7356		5 inch direct view storage tube, two electrostatic writing guns
7357	7357		Receiving beam power tube, same as 7212, except heater voltage
7358	7358		Beam power tube, pulse modulator
7360	7360		Receiving beam deflection tube
7363	7363		Inert gas thyratron
C7364	2F21		See 2F21
7370	7370		Miniature twin triode, same as 5687 except heater voltage
7371	7371		Linear beam power pentode
7377	7377		Receiving twin tetrode
7381	7381		Dual TR tube
7382	7382		Receiving miniature triode (Canadian)
7383	7383		Permachon pickup-storage tube
7384	7384		Hydrogen thyratron (British)
7386	7386		Xenon thyratron
7389	7389		Image orthicon camera tube (Canadian)
7390	7390	Z5069	Hydrogen thyratron, see also 7322
7391	7391	Z5139	Miniature triode, metal and ceramic
7393	7393		Traveling wave tube
7394	7394		Traveling wave tube

Tube Type	Current Service Designation	Other Number	Class Description
7397	7397		Magnetron
7398	7398		Voltage tunable packaged magnetron
7399	7399		Transmitting tetrode
7400	7400	CH1116	Cold cathode indicating thyatron
7401	7401	CH1125	Subminiature cold cathode indicating thyatron
7402	7402		High vacuum clipper diode
7403	7403		Beam tetrode pulse tube, ruggedized version of 3D21
7404	7404		Image converter tube, ultra-violet
7408	7408		Receiving beam power pentode
7409	7409	Z5358	Image orthicon camera tube
7410	7410	395A	Mercury vapor thyatron
7411	7411		Permachon storage-vidicon
7412	7412		Photoconductive cell
7413	7413		Hard tube pulse modulator
7414	7414	TD60	Subminiature gas tube, time totalizer
7416	7416	TD36	Miniature cold cathode gas diode
7417	7417/BL244 or 7417/MCM10	BL244, MCM10	Packaged magnetron
C7418	C7418		See 2AP-----, see C7483
7423	7423		5 inch direct view storage tube, electrostatic focus and deflection
7427	7427		Photoconductive cell
C7428	1810P1		See 1810P1
7429	7429		Proportional counter tube
7430	7430		Miniature sharp cutoff pentode
C7431	9JP1		See 9JP1
7432	7432		Subminiature pentode (British)
7433	7433		Subminiature pentode (British)
7434	7434		Subminiature pentode (British)
7435	7435		Subminiature diode (British)
7436	7436		Subminiature diode (British)
7437	7437		Subminiature triode (British)
7438	7438		Subminiature pentode (British)
7439	7439		Cold cathode trigger tube
7440	7440		Cold cathode trigger tube
7441	7441		Cold cathode trigger tube
C7442	12AP7		See 12AP7
7444	7444	BL230	Pulsed magnetron
7448	7448		5 inch direct view storage tube, electrostatic focus and deflection
7449	7449		Pulsed magnetron
7452	7452	QK324	Pulsed magnetron
7454	7454	CH1078	Clipper hydrogen thyatron
7455	7455	CH1115	Clipper hydrogen thyatron
7457	7457		Beam power tetrode, air cooled
7459	7459		Power triode, air cooled
7460	7460/QK686	QK686	Pulsed packaged magnetron
7461	7461		Pulsed tunable magnetron

Tube Type	Current Service Designation	Other Number	Class Description
7462	7462		UHF triode, metal and ceramic
7463	7463		Power amplifier, air cooled
7464	7464		Triode modulator, water cooled
C7466A	7CP1		See 7CP1
7467	7467		Photojunction cell
7470	7470	V52-1A	Reflex klystron
7471	7471/V110A	V110A	Reflex klystron
7472	7472		Reflex klystron
C7473D	5FP7		See 5FP7
C7475A	7BP7		See 7BP7
7479	7479		Power triode, vapor cooled
7480	7480		Power triode, vapor cooled
7482	7482		Power triode, vapor cooled
C7483	2AP1		See 2AP1
7484	7484	QK470	Tunable pulsed magnetron
C7485B	12DP7		See 12DP7
7486	7486		UHF triode, metal and ceramic
C7488B	3PB1W		See 3PB1W
7489	7489		Miniature twin triode (British)
7490	7490		Miniature twin triode (British)
C7491	5CP-----		See 5CP-----
7492	7492		Miniature twin triode (British)
C7493	1P25		See 1P25
7494	7494		Miniature twin triode (British)
7495	7495		Miniature power tetrode (British)
7496	7496		Miniature r-f pentode (British)
C7497	3DP1		See 3DP1
7498	7498		Miniature r-f pentode (British)
7499	7499		Miniature video pentode (British)
7500	7500		Beam tetrode (British)
C7501	3HP7		See 3HP7
7502	7502		Miniature heptode (British)
7503	7503		Tunable beacon magnetron
7504	7504/L3035	L3035	Pulsed amplifier klystron
7505	7505	ZV1010	Reflex klystron
7506	7506	ZV1012	Reflex klystron
C7508	5HP1		See 5HP1
7509	7509		Thyratron
7511	7511/SRX92	SRX92	Reflex klystron
C7512	5HP4		See 5HP4
7513	7513		Image orthicon camera tube
C7514	5LP1		See 5LP1
C7516B	4AP10		See 4AP10
7518	7518		Thyratron
C7519	5CP7		See 5CP7
C7520	5CP1		See 5CP1
7521	7521		Pulsed magnetron
7522	7522		Vidicon camera tube, electrostatic
C7523B	3JP1		See 3JP1
7527	7527		Receiving vhf tetrode

Tube Type	Current Service Designation	Other Number	Class Description
7528	7528	OK264	Tunable pulsed magnetron, liquid cooled
7529	7529	QK327	Tunable pulsed magnetron, see also 6410A/QK338A
7530	7530/QKB734	QKB734	Backward wave oscillator
7531	7531/QKB747	QKB747	Backward wave oscillator
7532	7532		Low mu receiving triode
7533	7533		Pencil triode
7534	7534		Receiving output pentode
7535	7535		Pulsed magnetron oscillator
7536	7536		Photoconductive cell
7537	7537		Traveling wave tube (Dutch)
7538	7538	Z5294	Image orthicon camera tube
7539	7539		Scan conversion storage tube
7540	7540		Transmitting triode
7541	7541		Tunable pulsed magnetron
7543	7543		Low noise pentode, similar to 6AU6
7547	7547		Tunable pulsed magnetron
7548	7548		Miniature secondary-emission hexode
7550	7550		Subminiature double triode
7551	7551		Miniature beam power tube
7552	7552		Pencil triode
7553	7553		Pencil triode
7554	7554		Pencil triode
C7555	3KP1		See 3KP1
7556	7556		Inert gas thyratron, similar to 7306
C7557	2P21		See 2P21
C7557A	2P21		See 2P21
7558	7558		Miniature beam power tube
7559	7559	CH1096	Hydrogen thyratron, similar to 5948
7560	7560		Transmitting triode, water cooled
7561	7561		Af power pentode (German)
7565	7565		Transmitting triode
7566	7566		Barrier grid storage tube (Radechon)
C7568	C7568		3-inch cathode ray tube for television
7568	7568	CH1095	Hydrogen thyratron, similar to 5949A
7570	7570	QK411A	Recording storage tube, electrostatic focus and deflection
7571	7571	QK685	Recording storage tube, magnetic focus and deflection
7572	7572	QK703	Recording storage tube, dual gun version of 6835
7575	7575	QK787	Recording storage tube, dual gun, high resolution
7576	7576		Subminiature uhf triode
7577	7577	QK653	Pulsed Amplitron
7580	7580		Transmitting beam power tube

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Tube Type	Current Service Designation	Other Number	Class Description
7581	7581		Receiving beam power pentode, similar to 6L6GT
7583	7583	KU82	Hydrogen thyatron
7586	7586		Nuvisitor triode
7587	7587		Nuvisitor tetrode
7588	7588		Ceramic and metal planar triode
7589	7589		Tunable packaged magnetron
7590	7590	KU400	Hydrogen thyatron
7591	7591		Audio beam power pentode
7592	7592		Traveling wave tube
7595	7595		Subminiature gas trigger tube
7596	7596		Subminiature gas trigger tube
7597	7597		Subminiature gas trigger tube
7598	7598		Subminiature gas trigger tube
7599	7599		Miniature gas trigger tube
7600	7600		Miniature gas trigger tube
R7601	SS501		See SS501
7602	7602		Miniature gas trigger tube
7603	7603	Hydrogen thyatron	
7604	7604	VHF power triode	
7605	7605		Hydrogen thyatron
7606	7606		Ionization chamber
7607	7607		Receiving beam power pentode
7609	7609		Transmitting tetrode, similar to 4X150D
R7610	SS502		See SS502
7611	7611		Image orthicon camera tube
7615	7615	EP680	Corona voltage regulator
7616	7616/EP72M	EP72M	Radiation counter tube
7617	7617/EP92A	EP92A	Gaseous discharge tube
7619	7619		Magnetron, integral magnet
7621	7621/HY2	HY2	Hydrogen thyatron, ceramic and metal
7623	7623		Beam tetrode (British)
7624	7624		Beam tetrode (British)
7625	7625		Planar triode, ceramic and metal
7626	7626		Subminiature pentode, obsolete
7629	7629		Image orthicon camera tube
7631	7631		Miniature double diode (British)
7632	7632		Photoconductive cell (British)
7633	7633		Photoconductive cell (British)
7634	7634		Photoconductive cell (British)
7635	7635		Backward wave oscillator (British)
7636	7636		Backward wave osc. (British)
7637	7637		Traveling wave tube (British)
7638	7638		Traveling wave tube (British)
7639	7639		Traveling wave tube (British)
7640	7640	MAS-1313H, MAS-1/7640, 313H/7640	Traveling wave tube
7641	7641		Traveling wave tube (British)

Tube Type	Current Service Designation	Other Number	Class Description
7642	7642		Traveling wave tube (British)
7643	7643		Miniature triode-pentode
7649	7649	A7649	Coaxial beam power tube
7650	7650		Forced air cooled, UHF beam power tube
7651	7651		Forced air cooled UHF beam power tube
7656	7656		High vacuum diode, forced air
7657	7657		Guard ring fission chamber
7658	7658		High vacuum rectifier
7662	7662/VA87B	VA87B	Klystron
7663	7663/VA87C	VA87C	Klystron
7664	7664		10-stage photomultiplier
7665	7665/KU72	KU72	Hydrogen thyratron
7666	7666		Hydrogen thyratron, similar to 7322
7667	7667		Hydrogen thyratron, ceramic
7668	7668		High vacuum pulse modulator
7669	7669		Coaxial Ignitron, similar to 5551A, except outline
7670	7670		Ignitron
7671	7671		Coaxial ignitron, electrically same as 5552A
7672	7672		Ignitron
7673	7673		Ignitron
7676	7676		Ion gauge
7677	7677		Vacuum gauge, thermocouple
7680	7680		Magnetron, packaged, tunable
7681	7681		Ignitron
7682	7682		5-inch direct view storage tube, electrostatic focus and deflection
7683	7683		Miniature high voltage pentode
7685	7685		Transmitting low mu triode
7686	7686		Magnetron
7687	7687		Triode-pentode, similar to 7199
7688	7688		Medium mu triple triode
7689	7689		High mu triple triode
7690	7690		Medium mu triple triode
7691	7691		Hard tube pulse modulator
7692	7692		Tunable pulse magnetron
7693	7693		Miniature sharp rf pentode
7694	7694		Miniature variable Mu pentode
7695	7695		Miniature beam power pentode
7696	7696		Photomultiplier (Japanese)
7697	7697		Vidicon camera tube
7698	7698		UHF planar triode, ceramic and metal
7699	7699		Wideband receiving amplifier

Tube Type	Current Service Designation	Other Number	Class Description
7700	7700		Receiving triple grid amplifier (Type 6C6 characteristics)
7701	7701		Miniature beam power pentode storage tube
7702	7702		Dual gun electrical output Ignitron
7703	7703		Transmitting triode, air cooled
7715	7715		Miniature triode pentode
7716	7716		Miniature vhf tetrode
7717	7717		Magnetron, fixed frequency
7718	7718		Miniature computer triode
7719	7719		High mu triode, ceramic and Metal
7720	7720		Miniature pentode amplifier
7721	7721		Miniature pentode amplifier
7722	7722		Inert gas rectifier
7723	7723		Miniature double diode, triode
7724	7724		Argon mercury thyratron
7725	7725		Thyratron
7726	7726		Subminiature electrometer pentode (Canadian)
7727	7727		Miniature twin triode, similar to 12AT7
7728	7728		Miniature twin triode, similar to 12AX7
7729	7729		Miniature twin triode, similar to 12AX7
7730	7730		Miniature twin triode, similar to 12AU7
7731	7731		Miniature triode, pentode
7732	7732		Miniature sharp cutoff pentode
7733	7733		Miniature pentode, similar to 12BY7
7734	7734		Miniature triode, pentode
7735	7735	C74019	Vidicon camera tube
7735A	7735A		Vidicon camera tube
7736	7736		Ignitron
7737	7337		Miniature, rf pentode, low noise
7738	7738		Miniature high mu triode
7739	7739		Planar triode, selected version of 6280
7741	7741		Ionization chamber
7745	7745		Double triode (French)
7746	7746	C7260B	Photomultiplier, 10 stage
7747	7747		Backward wave oscillator (British)
7748	7748		Transmitting power amplifier
7750	7750		Hard tube pulse modulator
7751	7751		Receiving beam power pentode
7752	6AS6		See 6AS6
7753	7753		Transmitting triode, air cooled
7754	7754		Receiving beam power pentode
7755	6AJ5		See 6AJ5
7756	6AR6		See 6AR6

Tube Type	Current Service Designation	Other Number	Class Description
7757	7757	TE81	Hard glass miniature beam power tube
7759	7759		Subminiature double triode
7760	7760		Subminiature double triode
7761	7761		Subminiature video pentode
7762	7762		Subminiature beam power pentode
7763	7763		Miniature sheet-beam tube
7764	7764	C7291	Multiplier phototube, 6-stage
7767	7767	C70042	Multiplier phototube, 10-stage
7768	7768		Planar triode, ceramic and metal
7779	7779		Diode, forced air cooled
7782	7782	KU-71	Hydrogen thyatron, ceramic
7784	7784		Miniature metal ceramic triode
7785	7785		Backward wave oscillator
7786	7786	NL660L	Power rectifier
7788	7788		Frame grid receiving pentode
7789	7789		Hydrogen filled diode
7790	7790		Hydrogen filled diode
7791	7791		Hydrogen filled diode
7792	7792		Hydrogen filled diode
7795	7795		CW Magnetron
7796	7796		CW Magnetron
7797	7797		Forward wave amplifier
7800	7800		Vacuum Power Triodes
7801	7801		Beam Power tube, conduction cooled
7802	7802		Power triode series regulator
7803	7803		Miniature double triode
7804	7804		Power triode, forced air cooled
7805	7805		Power triode, water cooled
7806	7806		Power triode, forced air cooled
7807	7807		Power triode, water cooled
7815	7815		UHF Planar triode, ceramic
7817	7817	CL1002	Photomultiplier, 10-stage, 2 inches
7818	7818	CL1003	Photomultiplier, 10-stage 3 inches
7819	7819	CL1015	Photomultiplier, 10-stage, 5 inches
7820	7820		Triode power modulator
7821	7821/MPT12	MPT12	TR Tube
7823	7823	MLT-13	TR Tube
7824	7824		Traveling wave tube
7831	7831		Power triode
7835	7835		Super power triode, water cooled
7837	7837		Power triode, water cooled
7838	7838		Power triode, forced air cooled
7839	7839		Transmitting triode
7840	7840/AEL-227	AEL-227	Geiger counter tube
7841	7841		Planar diode, ceramic and metal
7842	7842		Conduction cooled vhf beam power, metal ceramic tube
7843	7843		Conduction cooled vhf beam power, metal ceramic tube

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Tube Type	Current Service Designation	Other Number	Class Description
7844	7844		Conduction cooled vhf beam power, metal ceramic tube
7845	7845		Hard tube pulse modulator
7846	7846		Photoconductive cell
7847	7847		Traveling wave tube
7850	7850		Photomultiplier, 12-stage
7851	7851		Miniature electrometer tube
7854	7854		Receiving twin tetrode
7855	7855		Transmitting planar triode
7859	7859		Cold cathode voltage regulator
7860	7860		Photomultiplier, 10-stage
7861	7861		Miniature twin triode
7866	7866		Hydrogen thyatron, ceramic
7867	7867		Receiving beam power pentode
7868	7868		Receiving power pentode
7869	7869		Shunt Diode
7870	7870		Conduction cooled beam power tube, metal ceramic
7887	7887		Subminiature double triode
7888	7888		Subminiature triode
7889	7889		Subminiature double triode
7890	7890		Hydrogen thyatron
7892	7892		Miniature twin triode
C7761A	C7761A		Storage tube, electrical output
XG7893	2K43		See 2K43
7895	7895		Nuvistor high mu triode
7898	7898		Miniature twin triode
7899	7899		Hard tube pulse modulator
7900	7900		Transmitting triode, air cooled
7901	7901	MPT13	TR Tube
7902	7902	MPT17	TR Tube
7903	7903		Ion gauge
7905	7905		Miniature beam power tube
7906	7906		Power rectifier, water cooled
7907	7907		Power rectifier, air cooled
7908	7908	WX4288	Photomultiplier, 10-stage
7909	7909		Photomultiplier, 10-stage
7944	7944		Noise source
7950	7950		Pulsed magnetron
7962	7962		Subminiature double triode
7963	7963		Subminiature double triode
7964	7964		Triggered spark gap
7967	7967		Image orthicon camera tube
7969	7969		Image orthicon camera tube
7971	7971		Beam tetrode (British)
7972	7972		Beam tetrode (British)
7973	7973		Beam tetrode (British)
7974	7974		Water Cooled triode (British)
7975	7975		Power diode
7976	7976		Pulsed magnetron

Tube Type	Current Service Designation	Other Number	Class Description
7977	7977	B4032	Numerican indicator, Nixie
7978	7978		Decade counter, cold cathode
7979	7979		Subminiature gas triode
7980	7980	83A1	Miniature voltage reference tube (British)
7981	7981		Gas filled thyatron (British)
7982	7982		Power triode
7983	7983		Double tetrode
7984	7984		RF Beam Power Pentode
7985	7985		Power tetrode, water cooled
7988	7988	TD44	Gas noise source
7989	7989	TD48	Gas noise source
7990	7990	TD50	Gas noise source
7991	7991	TD54	Gas noise source
7992	7992	TD62	Gas noise source
7993	7993	TD76	Gas noise source
7994	7994		Subminiature rf triode
7995	7995		Subminiature rf pentode
7996	7996		Cold cathode gas rectifier
7998	7998		Coaxial ignitron
7999	7999	TD39	Gas noise source
GL8000	8000		See 8000
8000	8000	GL8000	Transmitting triode amplifier modulator oscillator
GL8001	4E27		See 4E27
8001	4E27		See 4E27
GL8002	8002		See 8002
GL8002R	8002R		See 8002R
8002	8002	GL8002	Transmitting power triode (HF heating application)-Water cooled
8002R	8002R	GL8002R	Transmitting power triode
8003	8003	WL471, A2126	Transmitting and therapy type triode amplifier modulator oscillator
GL8005	8005		See 8005
8005	8005	GL8005, A2130A	Transmitting triode amplifier
8007	8007	A4051H	Obsolete, superseded by 807
CE8008	8008		See 8008
EE8008	8008		See 8008
GL8008	8008		See 8008
8008	8008	CE8008, GL8008, EE8008	Transmitting diode gas rectifier (type 872A/872 with heavy duty base)
GL8009	8009		See 8009
8009	8009	GL8009	Transmitting HF triode-Water cooled
GL8010R	8010R		See 8010R
8010AR	8010AR		Supersedes 8010R
8010R	8010R	GL8010R	Transmitting UHF triode amplifier
8011	VT90 (Br.)/8011		See VT90 (Br.)/8011
8012	8012		Superseded by 8012A
8012A	8012A	A2139, VT-228	Transmitting UHF triode amplifier oscillator (supersedes 1628)

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Tube Type	Current Service Designation	Other Number	Class Description
8013	8013A		See 8013A
8013A	8013A	8013	Transmitting diode vacuum rectifier
8014	8014A		See 8014A
8014A	8014A	A2124M, 8014	UHF triode, forced air cooled
8016	8016		Transmitting diode vacuum rectifier. Replace with 1B3GT
8017	8017	A2140B	Transmitting triode amplifier. Obsolete
8018	8018	VT60 (Br.), A4051G, 10E/11441	Transmitting tetrode amplifier. Obsolete
8019	8019	A2009J, VT62 (Br.), NT58, 10E/11443	See UH50. Similar to UH50, 834, BW11, 304B
EE8020	8020		See 8020
GL8020	8020		See 8020
8020	8020	100A, GL8020, 578, GL451, EE8020, ZP451, 451, 2-100A/100R, WL578	Transmitting diode vacuum rectifier. Similar to CE220
8021	705A		See 705A
8022	15R		See 15R
8023	15E		See 15E
8024	8024	A359B	Obsolete, superseded by 832A
8025	8025		Superseded by 8025A
8025A	8025A		Transmitting UHF triode
8026	CV92		See CV92
8030	8030	TD41	Gas noise source
8031	8031	TD42	Gas noise source
8032	8032		VHF beam power tube
8033	8033		Transmitting triode, water cooled
8034	8034		High vacuum power diode
8035	8035		Code cathode decade counter with visual readout
8037	8037	B5031	Numerical indicator, Nixie
8038	8038		Power triode, oil cooled
8040	8040		Power triode, air cooled
8041	8041		Power triode, water cooled
8042	8042		Beam power tetrode
8043	8043		Mercury vapor thyratron
8044	8044		Hard tube pulse modulator, air cooled
8048	8048	BL601, MST17	Gas switching tube
8049	8049		Miniature vacuum phototube
8051	8051		Vidicon camera tube
8052	8052	ZV1011	Reflex klystron
8053	8053		Multiplier phototube, venetian blind
8054	8054		Multiplier phototube, venetian blind
8055	8055		Multiplier phototube, venetian blind
8056	8056		Nuistor triode
8057	8057		Ion gauge

Tube Type	Current Service Designation	Other Number	Class Description
8058	8058		Nuvistor triode, double ended
8059	8059	TD72	Gas noise source
8060	BLT041/8060	BLT-041	TR tube
8061	BLT059/8061	BLT-059	TR tube
8062	8062		Photomultiplier tube
8063	8063		Gas filled thyratron (British)
8064	8064		Subminiature pentode
8065	8065	ELC4H-4	Grid controlled gas rectifier
8066	8066	ELC4H-5	Grid controlled gas rectifier
8067	8067		Direct view storage tube, electrostatic focus and deflection
8068	8068		Receiving beam pentode
8069	8069		Corona voltage regulator
8070	8070		Subminiature triode, frame grid
XG8071	2K42		See 2K42
8071	8071		Subminiature triode, frame grid
XG8072	2K44		See 2K44
8072	8072		Beam power transmitting tetrode, conduction cooled
XZA8073	3K22		See 3K22
8073	8073		Dual range fission chamber
8074	8074		Ionization chamber
8075	8075		Ionization chamber
8077	8077	8077/7054	Miniature power pentode, shorter version of 7054
8078	8078		Graphite anode triode (British)
8080	8080	CH1137	Clipper hydrogen thyratron
8081	8081		Planar triode, ceramic and metal
8082	8082		Planar triode, ceramic and metal
8083	8083		Planar triode, ceramic and metal
8084	8084		Miniature vhf pentode
8087	8087		Scan conversion storage tube
8088	8088	MPT22	TR tube
8089	8089		Corona discharge voltage regulator
8090	8090		Corona discharge voltage regulator
8091	8091		Corona discharge voltage regulator
8092	8092		Image orthicon camera tube
8093	8093		Image orthicon camera tube
8094	8094		High vacuum power rectifier
8096	8096	8096/6533	Subminiature triode, similar to 6533WA
8097	8097		Miniature hydrogen thyratron
8098	8098		Electrical output storage tube
8099	8099	MST38	TR Tube
8100	8100		Photoconductive cell
8100-12	X-13		See X-13
8102	8102		Miniature triode-pentode
8103	8103		Subminiature double triode, frame grid
8104	8104		Power triode, water cooled

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Tube Type	Current Service Designation	Other Number	Class Description
8104J	8104J		8104 with integral water jacket
8105	8105		Ionization chamber
8106	8106		Receiving beam pentode
8109	8109		Power diode, water cooled
8110	8110		Power diode, forced air cooled
8111	8111	344H	Traveling wave tube
8113	8113	Z2901	Miniature sharp cutoff tetrode, military version of 6CY5
8116	8116		Dual tetrode linear amplifier
8117	8117		Dual tetrode linear amplifier
8121	8121		Beam power tube, forced air cooled
8122	8122		Beam power tube, forced air cooled
8123	8123		Pulsed, tunable magnetron, air cooled
8124	8124		Direct view storage tube, 10-inch, two electrostatic writing guns
8128	8128/QKW750B	QKW750B	Traveling wave tube
8129	8129/QKS622	QK622	Amplifon
8130	8130		Direct view storage tube, 5-inch, electrostatic focus and deflection
8134	8134		Vidicon camera tube
8136	8136		Miniature sharp cutoff pentode
8137	8137		Ionization chamber
8138	8138		Triggered spark gap
8139	8139		Direct view storage tube, 5-inch, two electrostatic writing guns
8142	8142		Photoconductive cell
8143	8143		Photoconductive cell
8148	8148		Transmitting triode
8149	8149		Receiving beam power vhf pentode
8150	8150		Receiving beam power pentode
8151	8151	TD38	Gas noise source
8152	8152	TD40	Gas noise source
8157	8157		Backward wave oscillator
8158	8158	3CX10000A1	Transmitting triode
8159	8159	3CX10000A3	Transmitting triode
8160	8160	3CX10000A7	Transmitting triode
8161	8161	3X2500A3	Transmitting triode
8162	8162	3X3000F7	Transmitting triode
8163	8163	3-400Z	Transmitting triode
8164	8164	3-1000Z	Transmitting triode
8165	8165/4-65A	4-65A	Transmitting tetrode
8166	8166/4-1000A	4-1000A	Transmitting tetrode
8167	8167	4CX300A	Transmitting tetrode
8168	8168	4CX1000A	Transmitting tetrode
8169	8169	4CX3000A	Transmitting tetrode
8170	8170/4CX5000A	4CX5000A	Transmitting tetrode
8170W	8170W/4CX5000R	4CX5000R	Transmitting tetrode
8171	8171/4CX10000D	4CX10000D	Transmitting tetrode
8172	8172/4X150G	4X150G	Transmitting tetrode
8173	8173/4W20000A	4W20000A	Transmitting tetrode, water cooled

Tube Type	Current Service Designation	Other Number	Class Description
8175	8175/334H	334H	Traveling wave tube
8176	8176/340H	340H	Traveling wave tube
8177	8177		Power tetrode, ceramic, coaxial
8179	8179		Power tetrode, air cooled
8182	8182/QK813	QK813	Reflex klystron, integral cavity
8184	8184		Beam Power Tube, forced air cooled
8185	8185		Subminiature triode, strap frame grid
8186	8186		Same as 8185 except heater
8187	8187/4PR65A	4PR65A	Transmitting tetrode, pulsed
8188	8188/4PR400A	4PR400A	Pulse tetrode
8189	8189/4PR1000A	4PR1000A	Pulse tetrode
8193	8193		Series regulator tube
8198	8198		Traveling wave tube
8204	8204		Beta gamma counter tube
8205	8205		Coaxial ignitron
8206	8206	M45C12	Corona voltage regulator
8207	8207		Power diode
8208	8208		Power diode
8210	8210		Subminiature pentode, strap frame grid
8211	8211		Subminiature pentode, strap frame grid
8212	8212		Miniature cathode follower tube
8213	8213		Subminiature cathode follower tube
8214	8214		Ionization chamber
8217	8217		Photoconductive cell
8223	8223		Receiving twin triode (German)
8226	8226		Beam power tube, forced air cooled
8227	8227		Beam power tube, forced air cooled
8230	8230	VA64G	Klystron oscillator, liquid cooled
8232	8232	VA128	Traveling wave tube
8233	8233		Receiving beam power pentode
8236	8236		Receiving beam power pentode
8238	8238/3X3000A1	3X3000A1	Transmitting triode, forced air cooled
8240	8240	3W5000A1	Transmitting triode, water cooled
8241	8241	3W5000F1	Transmitting triode, water cooled
8242	8242	3W5000A3	Transmitting triode, water cooled
8243	8243	3W5000F3	Transmitting triode, water cooled
8245	8245/4CX250K	4CX250K	Transmitting tetrode
8246	8246/4CX250M	4CX250M	Transmitting tetrode
8247	8247/4PR125A	4PR125A	Transmitting tetrode
8249	8249/4W300B	4W300B	Transmitting tetrode, water cooled
8250	8250/3CX100F5	3CX100F5	UHF planar triode, ceramic and metal
8251	8251/3X2500F3	3X2500F3	Transmitting triode, forced air cooled
8252	8252/4PR60B	4PR60B	Pulse tetrode
8253	8253		Hydrogen thyatron
8254	8254	EC1000	Probe tube for oscilloscopes
8255	8255		Miniature UHF triode (German)
8256	8256		Corona voltage regulator
8257	8257		Corona voltage regulator

Tube Type	Current Service Designation	Other Number	Class Description
8262	8262		Cold cathode decade counter tube
8270	8270		Grid controlled mercury rectifier
8275	8275/KU93	KU93	Hydrogen rectifier
8278	8278		Audio power tetrode
8281	8281/4CX15000A	4CX15000A	Transmitting tetrode
8283	8283/3CX1000A7	3CX1000A7	Power triode, ceramic and metal
8286	8286	TD56	Gas noise source
8287	8287	TD43	Gas noise source
8288	8288	TD67	Gas noise source
8289	8289		Gas noise source
8290	8290	TD55	Gas noise source
8291	8291	TD51	Gas noise source
8292	8292	TD77	Gas noise source
8293	8293	TD58	Gas noise source
8295	8295/PL172	PL172	Transmitting beam pentode, air cooled
8296	8296/4X150R	4X150R	Transmitting tetrode
8297	8297/4X150S	4X150S	Transmitting tetrode
8298	8298		VHF Beam power pentode, version of 6146
8304	8304		Traveling wave tube
8305	8305		Traveling wave tube
8306	8306		Ignitron
8310A	310A		See 310A
8315	8315	SAC46	Pulse amplifier klystron
8317	8317		Transmitting triode, forced air cooled
8318	8318		Photoconductive cell
8319	8319		Subminiature triode, strap frame grid
8321	8321/4CX350A	4CX350A	Transmitting tetrode, ceramic and metal
8322	8322/4CX350F	4CX350F	Transmitting tetrode, ceramic and metal
8326	8326		Hydrogen thyratron
8330	8330	MXT48, BL-T-024, MA3107	Dual TR tube
8331	8331	MXT49, BL-T-015, MA3108	TR Tube
8333	8333		Transmitting triode
8334	8334/1218A	1218A	Miniature UHF triode, version of 6AN4
8335	8335		Reflex klystron
8336	8336		Reflex klystron
8337	8337		Reflex klystron
8345	8345		Photoconductive cell
8346	8346		Photoconductive cell
8346	8346		Photoconductive cell
8349	8349/4CX35000C	4CX35000C	Transmitting tetrode
8350	8350/4CW50000C	4CW50000C	Transmitting tetrode, water cooled
8332	8332	VA242G	Reflex klystron

Tube Type	Current Service Designation	Other Number	Class Description
8351	8351/4CV100000C	4CV100000C	Transmitting tetrode, vapor cooled
8353	8353		Cold cathode decade counter with visual readout
8354	8354/HY31	HY31	Hydrogen thyratron, selected 7322
8360	8360		Ignitron
8361	8361	SAC42	Pulse amplifier klystron
PD8365	PD8365		Klystron, tunable
8370	8370	E38	Hydrogen Thyratron, similar to 3C45
8371	8371	QK665	Magnetron
8372	8372	QK666	Magnetron
8378	8378	EP76	Beta gamma counter tube
8385	8385	MA325	Gas switching tube
8401	8401	TD49	Gas noise source
8402	8402	TD75	Gas noise source
8408	8408		VHF push pull tetrode
8414	8414		Subminiature pentode, frame grid
8417	8417		Audio beam power pentode
8420	8420		Coaxial ignitron
8421	8421	B5092	Nixie numerical indicator tube
8422	8422	B6991	Nixie numerical indicator tube
8423	8423	B6091	Nixie numerical indicator tube
8425	8425		Miniature sharp cutoff pentode
8426	8426		Miniature sharp cutoff pentode
8428	8428	CH1157	Five-stage grid-controlled electron multiplier tube (see also 8455)
8431	8431		Miniature double triode
8432	8432		Beam pentode, forced air cooled
8433	8433		Decade counting tube (British)
8434	8434		Hydrogen diode
8435	8435		Hydrogen diode
8437	8437		UHF beam power tube, forced air cooled
8438	8438/4-400A	4-400A	Transmitting tetrode
8443	8443		Direct view storage tube (obsolete)
8444	8444		Subminiature pentode, strap frame grid
8445	8445		Receiving triode-pentode
8446	8446		Receiving triode-pentode
8447	8447		Receiving double diode, triode
8448	8448		Receiving pentode
8449	8449		Receiving triode-pentode
8453	8453		Cold cathode, gas filled, numerical indicator tube
8454	8454		Direct view storage tube (obsolete)
8455	8455	CH1172	Grid controlled electron multiplier tube (see also 8428)
8467	8467	VA92C	Reflex klystron oscillator
8469	8469		Subminiature corona discharge regulator
8474	8474/KU25	KU25	Hydrogen thyratron

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Tube Type	Current Service Designation	Other Number	Class Description
8504	8504	FW212	Five-inch direct view storage tube, electrostatic focus and deflection
SC8762A	2B25		See 2B25
GL9001	9001		See 9001
9001	9001	GL9001	Receiving miniature type pentode
GL9002	9002		See 9002
9002	9002	GL9002, VT-202	Receiving miniature type pentode
9003	9003	VT-203	Receiving miniature type pentode
GL9004	9004		See 9004
9004	9004	653B, GL9004	Receiving acorn type UHF diode rectifier. Similar to CW10 except for pin connections
GL9005	9005		See 9005
9005	9005	GL9005	Receiving acorn type UHF diode rectifier
9006	9006		Receiving miniature type UHF diode rectifier
VX9046	VX9046		Mercury pool modulator tube (British)
AX9903/5894	5894		See 5894
AX9906/6077	6077		See 6077
AX9906R/6078	6078		See 6078
AX9907	6075		See 6075
AX9907R	6076		See 6076
AX9908	6079		See 6079
AX9909	6083		See 6083
AX9910	6252		See 6252
AX9911	6268		See 6268
AX9912	6279		See 6279
CST10218	CST10218		Combination TR and switching tube, Similar to X-7047
CST10720	CST10720		Combination TR and switching tube
ES10816	R4410		See R4410
12910	CE36C		See CE36C
23585	23585		Thyratron, low anode voltage
24154	24154	GL534	Vacuum switch, long operating arm (Obsolete)
32097	32097		X-ray tube
38111	38111	GE1144A, 1984	Superseded by 38111A
38111A	38111A	1818A, CW211C	Transmitting triode amplifier, low capacitance type 211 for crystal oscillator application. Use 211 for other applications. Similar to 38111, 1984, 261A, 361A, 835, 211C, 311C, 311CT, 211D, 242B, 242C
38142	38142	2C45, 45 Special	Transmitting triode, similar to VT52 (Br.)
38145	38145		Obsolete Navy number, see 845
38166	866A		See 866A
			See 5620

Tube Type	Current Service Designation	Other Number	Class Description
38674	38674	45X674, 1674, 5B24	Full wave mercury-vapor rectifier
38808	808		See 808
L40010	L40010		H.V. triode.
B50132	B50132		Numerical indicator (Nixie)
62001	62001		Geiger counter tube.
62022	62022		Geiger counter tube.
C73136	3KP2		See 3KP-----
73147	3JP11		See 3JP-----
C73171	C73171		Storage tube, radechon
C73262	C73262		Vicicon
C73293	C73293		Kinescope, 3-gun tri-color
C73345	6571		See 6571
C73352	1698		See 1698
C73404	6499		See 6499
C73405	6500		See 6500
C73413A	6929		See 6929
C73427A	6326		See 6326
C73973	7539	See 7539	
C73920	C73920	B145N100A	Cathode ray tube mapping light source
C74008	C74008		Vidicon camera tube for underwater TV
RXB-103273	RXB-103273		Gas noise source
RXB-103274	RXB-103274		Gas noise source
RXB-103275	RXB-103275		Gas noise source
RXB-103276	RXB-103276		Gas noise source
RXB-103277	RXB-103277		Gas noise source
D155023	D155023		Special phototube (dead)
D156734	D156734		Similar to type 205D, with silver-plated studs
D157591	382A		See 382A
D157653	380A		See 380A
D157654	D157654		Replaced by 384A
D158643	D158643		Replaced by 384A
D158796	386A		See 386A
D159076	D159076		Phototube
D159508	381A		See 381A
D159509	383A		See 383A
D159511	D159511	Pentode amplifier (similar to WE366A except grid on top)	
D159512	387A	See 387A	
D159764	368AS/703A	See 368AS/703A	
D159765	704A	See 704A	
D159769	388A	See 388A	
D159778A	D159778A	Thyratron	
D159780	705A	See 705A	
D159781	356B	See 356B	
D160127	D160127	Triode similar to 708A	
D160206	1272Y	See 1272Y	

Tube Type	Current Service Designation	Other Number	Class Description
D160573	D160573	1301M	Transmitting UHF oscillator. Similar to 708A
D161145	D161145	1325M	Transmitting UHF oscillator
D161714	D161714		Grid controlled gas rectifier
D161831	GY2		See GY2
D163876	D163876	1374GY	Grid controlled gas rectifier
D164694	2K40		See 2K40
D164713	D164713		Transmitting triode UHF oscillator
D164714	7C22		See 7C22
D166382	D166382		Bead thermistor
D167158	D167158	1289CT	UHF oscillator
D168391	D168391		Bead thermistor
D168392	D168392		Bead thermistor
D168535	D168535		Cold cathode gas triode rectifier relay regulator
D169618	D169618		Modified 723A/B
D170135	1B42		See 1B42
D170573	5649		See 5649
D171089	D171089		Similar to 7C22--shorter in height
D172733	QK185		See QK185
D172925	400A		See 400A
D176627	5650		See 5650
GE189048	4B28		See 4B28
189048	189048		Diode gas rectifier
GE189049	4B26		See 4B26
189049	4B26		See 4B26
199698	199698		Duodiode gas rectifier
206501	206501	289415 206501	Diode gas rectifier (supersedes 195528)
B216545F	B216545F		Phototube assembly
GE217283	5B21		See 5B21
217283	5B21		See 5B21
WL289414	4B28		See 4B28
289414	4B28		See 4B28
WL289415	WL289415		See 289415
289415	289415	WL289415, CE212,	Diode gas rectifier
WE289416D	4B26		See 4B26
WL289416D	4B26		See 4B26
289416	4B26		See 4B26
289881	289881		Diode gas rectifier
296000	296000		Traveling wave tube
296001	296001		Traveling wave tube
296002	296002		Traveling wave tube
296006	296006		Traveling wave tube
296009	296009		Traveling wave tube
296010	296010		Traveling wave tube
R566021	3K23		See 3K23
766776	5B21		See 5B21
XB767527-1	XB767527-1		Special temperature limited diode

Tube Type	Current Service Designation	Other Number	Class Description
WL859483	4B36		See 4B36
859483	4B36		See 4B36
928006-2	5BFP-----		See 5BFP-----
WL966626	WE327A		See WE327A
966626	4B35		See 4B35
1047266	7BSP7	K1318P7	See 7BSP7
B1051014	B1051014		Traveling wave tube
R5660201	3K23		See 3K23

VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.
VT-1	WE-203A (obsolete)	VT-47	47	VT-93	6B8
VT-2	WE-205B	VT-48	41	VT-93A	6B8G
VT-3	Obsolete	VT-49	39/44	VT-94	6J5
VT-4A	Obsolete	VT-50	50	VT-94A	6J5G
VT-4B	Commercial 211	VT-51	841	VT-94B	6J5 special selected
VT-4C	JAN 211	VT-52	45 special	VT-94C	6J5G special selected
VT-5	WE-215A	VT-53	Cancelled	VT-94D	6J5GT
VT-6	212A (obsolete)		superseded by VT-42-A)	VT-95	2A3
VT-7	WX-12 (obsolete)	VT-54	34	VT-96	6N7
VT-8	UV-204 (obsolete)	VT-55	865	VT-96B	6N7 special selected
VT-10	Obsolete	VT-56	56	VT-97	5W4
VT-11	Obsolete	VT-57	57	VT-98	6U5/6B5
VT-12	Obsolete	VT-58	58	VT-99	6F8G
VT-13	Obsolete	VT-60	850	VT-100	807
VT-14	Obsolete	VT-62	801, 801A	VT-100A	807 modified
VT-16	Obsolete	VT-63	46	VT-101	837
VT-17	860	VT-64	800	VT-102	Cancelled
VT-18	Obsolete	VT-65	6C5	VT-103	6SQ7
VT-19	861	VT-65A	6C5G	VT-104	12SQ7
VT-20	Obsolete	VT-66	6F6	VT-105	6SC7
VT-21	Obsolete	VT-66A	6F6G	VT-106	803
VT-22	204A	VT-67	30 special	VT-107	6V6
VT-23	Obsolete	VT-68	6B7	VT-107A	6V6GT
VT-24	864	VT-69	6D6	VT-107B	6V6G
VT-25	10	VT-70	6F7	VT-108	450TH
VT-25A	10 special	VT-72	842	VT-109	2051
VT-26	22	VT-73	843	VT-111	5BP4/1802P4
VT-27	30	VT-74	5Z4	VT-112	6AC7/1852
VT-28	24, 24A	VT-75	75	VT-114	5T4
VT-29	27	VT-76	76	VT-115	6L6
VT-30	01-A	VT-77	77	VT-115A	6L6G
VT-31	31	VT-78	78	VT-116	6SJ7
VT-32	Obsolete	VT-80	80	VT-116A	6SJ7GT
VT-33	33	VT-83	83	VT-116B	6SJ7Y
VT-34	207	VT-84	84/6Z4	VT-117	6SK7
VT-35	35/51	VT-86	6K7	VT-117A	6SK7GT
VT-36	36	VT-86A	6K7G	VT-118	832
VT-37	37	VT-86B	6K7GT	VT-119	2X2/879
VT-38	38	VT-87	6L7	VT-120	954
VT-39	869	VT-87A	6L7G	VT-121	955
VT-39A	869A	VT-88	6R7	VT-122	530
VT-40	40	VT-88A	6R7G	VT-123	RCA 3-5586 (superseded by VT-128)
VT-41	851	VT-88B	6R7GT	VT-124	1A5GT
VT-42	872	VT-89	89	VT-125	1C5GT
VT-42A	872 (special fil.)	VT-90	6B6	VT-126	6X5
VT-43	845	VT-90A	6H6GT	VT-126A	6X5G
VT-44	32	VT-91	6J7	VT-126B	6X5GT
VT-45	45	VT-91A	6J7GT		
VT-46	866	VT-92	6Q7		
VT-46A	866A	VT-92A	6Q7G		

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VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.
VT-127	Special tube	VT-171A	Loctal equiv. of 1R5	VT-220	250TH
VT-127A	Special tube	VT-172	LS5	VT-221	3C5GT
VT-128	1630	VT-173	1T4	VT-222	884
VT-129	304TL	VT-174	3S4	VT-223	1H5GT
VT-130	250TL	VT-175	1613	VT-224	RK-34
VT-131	12SK7	VT-176	6AB7/1853	VT-225	307A
VT-132	12K8 special	VT-177	1LB4	VT-226	3EP1/1806P1
VT-133	12SR7	VT-178	1LC6	VT-227	7184
VT-134	12A6	VT-179	1LN5	VT-228	8012
VT-135	12J5GT	VT-180	3LP4	VT-229	6SL7GT
VT-135A	12J5	VT-181	7Z4	VT-230	350A
VT-136	1625	VT-182	3B7/1291	VT-231	6SN7GT
VT-137	1626	VT-183	1R4/1294	VT-232	E-1148
VT-138	1629	VT-184	VR90-30	VT-233	6SF7
VT-139	VR150-30	VT-185	3D6/1299	VT-234	HY-114B
VT-140	1628	VT-186	Special tube	VT-235	HY-615
VT-141	531	VT-187	575A	VT-236	836
VT-142	WE-39DY1	VT-188	7E6	VT-237	957
VT-143	805	VT-189	7F7	VT-238	956
VT-144	813	VT-190	7H7	VT-239	1LE3
VT-145	523	VT-191	316A	VT-240	710A
VT-146	1N5GT	VT-192	7A4	VT-241	7E5/1201
VT-147	1A7GT	VT-193	7C7	VT-243	7C4/1203A
VT-148	1D8GT	VT-194	7J7	VT-244	5U4G
VT-149	3A8GT	VT-195	1005	VT-245	2050
VT-150	6SA7	VT-196	6W5G	VT-246	918
VT-150A	6SA7GT	VT-197A	5Y3GT/G	VT-247	6AG7
VT-151	6A8G	VT-198A	6G6G	VT-248	1808P
VT-151B	6A8GT	VT-199	6SS7	VT-249	1006
VT-152	6K6GT	VT-200	VR-105-30	VT-250	EF50
VT-152A	6K6G	VT-201	25L6	VT-251	441
VT-153	12C8 special	VT-201C	25L6GT	VT-252	923
VT-154	814	VT-202	9002	VT-254	304TH
VT-155	Special tube	VT-203	9003	VT-255	705A
VT-156	Special tube	VT-204	HK24G	VT-256	ZP486
VT-157	Special tube	VT-205	6ST7	VT-257	K-7
VT-158	Special tube	VT-206A	5V4G	VT-259	829
VT-159	Special tube	VT-207	12AH7GT	VT-260	VR75-30
VT-160	Special tube	VT-208	7B8	VT-264	3Q4
VT-161	12SA7	VT-209	12SG7	VT-266	1616
VT-162	12SJ7	VT-210	1B4	VT-267	578
VT-163	6C8G	VT-211	6SG7	VT-268	12SC7
VT-164	1619	VT-212	958	VT-269	717A
VT-165	1624	VT-213A	6L5G	VT-277	417
VT-166	371A	VT-214	12H6	VT-279	GY-2
VT-167	6K8	VT-215	6E5	VT-280	C7063
VT-167A	6K8G	VT-216	816	VT-281	HY-145ZT
VT-168A	6Y6G	VT-217	811	VT-282	ZG489
VT-169	12C8	VT-218	100TH	VT-283	QF-206
VT-170	1E5-GP	VT-219	Cancelled	VT-284	QF-197
VT-171	1R5			VT-285	QF-200C

VT Number See Commercial
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VT-286 832A
VT-287 815
VT-288 12SH7
VT-289 12SL7GT

VT Number See Commercial
 Tube Type No.

VT Number See Commercial
 Tube Type No.

EQUIVALENCE BETWEEN UNITED KINGDOM CV NUMBERS AND UNITED STATES TYPE DESIGNATIONS
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U. S. Number	CV Number	Class Description
OA2WA	CV4020	Voltage Regulator, Rel.
OB2WA	CV4101	Voltage Regular, Rel.
C1K	CV2790	Rectifier, Grid-Controlled
1B3GT	CV1830	Rectifier, Half-Wave, High Vacuum
1CP1	CV2302	Cathode Ray Tube, Electrostat. Defl. and Foc.
2BP1	CV3678	Cathode Ray Tube, Electrostat. Defl. and Foc.
2J42	CV3676	Magnetron, Fixed F, Pulse, Perm. Magnet
2J51A	CV5134	Magnetron, Tunable, Perm. Magn.
2K28	CV1892	Klystron, External Cavity
3ACP1A	CV5452	Cathode Ray Tube, Electrostat. Defl. and Foc.
3ACP7A	CV5753	Cathode Ray Tube, Electrostat. Defl. and Foc.
3ACP12A	CV5454	Cathode Ray Tube, Electrostat. Defl. and Foc.
3B24WA	CV4021	Rectifier, Half-Wave, High Vacuum, Rel.
3B28	CV1835	Rectifier, Half-Wave, Gas
3D21B	CV5355	Beam Tetrode, Pulse Modulator
3E29	CV3599	Twin Beam Tetrode, Pulse Modulator
3WP1	CV3946	Cathode Ray Tube, Electrostat. Defl. and Foc.
4-65A	CV1905	Tetrode, Power, VHF
4-400A	CV3879	Tetrode, Power, VHF
4B31	CV3510	Diode, Clipper, High-Vacuum
4B32	CV2518	Rectifier, Half-Wave, Gas
4C35A	CV5247	Thyratron, Hydrogen, Pulse Modulator
4D21	CV2963	Tetrode, Power, VHF
4J50A	CV2284	Magnetron, Pulse, Fixed F, Perm. Magnet
4J52A	CV5018	Magnetron, Pulse, Fixed F, Perm. Magn.
4PR60A	CV2752	Tetrode, Pulse Amplifier
4X250B	CV2487	Tetrode, External Anode, UHF
5ADP1	CV5035	Cathode Ray Tube, Electrostat. Defl. and Foc.
5ADP7	CV5125	Cathode Ray Tube, Electrostat. Defl. and Foc.
5C22		Thyratron, Hydrogen, Pulse Modulator
5FP7A	CV3959	Cathode Ray Tube, Magn. Defl. and Foc.
5FP14A	CV5248	Cathode Ray Tube, Magn. Defl. and Foc.
5R4WGB	CV5181	Rectifier, Full-Wave, High Vacuum, Rel.
5Y3WGTA	CV4027	Rectifier, Full-Wave, High Vacuum, Rel.
6AH6WA	CV5450	Pentode, Sharp cut off, Miniature
6AN5WA	CV5182	Pentode, Power Amplifier
6AU6WA	CV4023	Pentode, RF, Sharp, Rel.
6BQ5	CV2975	Pentode, Power Amplifier
6C4WA	CV4058	Triode, HF, Medium Mu, Rel.
6J6WA	CV4031	Twin Triode, Rel.
10KP7A	CV5456	Cathode Ray Tube, Magn. Defl. and Foc.
12AEP26	CV429	Cathode Ray Tube, Magn. Defl. and Foc.
12AT7WA	CV5212	Twin Triode, High Mu, Rel.
577	CV3969	Rectifier, Half-Wave, High-Vacuum
578	CV5155	Rectifier, Half-Wave, High Vacuum
583	CV5356	Diode, Clipper, High-Vacuum
1258	CV3957	Thyratron, Hydrogen, Pulse Modulator
5544	CV2210	Triode, Gas-filled, Thyratron
5545	CV2215	Triode, Gas-filled, Thyratron
5586	CV3611	Magnetron (F: 2700-2900 Mc/s) Pulse
5657	CV3958	Tunable (F: 2900-3100 Mc/s)
5636	CV3928	Pentode, Sharp, Mixer

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U. S. Number	CV Number	Class Description
5639	CV2662	Pentode, Sharp, Video Amplifier
5641	CV5211	Rectifier, Half-Wave, High-Vacuum
5643	CV5079	Thyratron, Gas-Tetrode
5644	CV3987	Voltage Regulator, Rel.
5654/6AK5W	CV4010	Pentode, Sharp, RF, Rel.
5684/C3J/A	CV2753	Triode, Thyratron, Inert Gas
5685/C6J	CV2754	Triode, Thyratron, Gas
5686	CV3612	Pentode, RF Beam Power Ampl., Rel.
5687WA	CV5188	Twin Triode, Power Ampl.
5696	CV3512	Tetrode, Thyratron, Gas
5718	CV3930	Triode, 500 Mc/s, Medium Mu
5719	CV4008	Triode, High Mu, Rel.
5725/6AS6W	CV4011	Pentode, Sharp, RF, Mixer, Rel.
5726/6AL5W	CV4007	Twin Diode, Rel.
5727/2D21W	CV4018	Tetrode, Thyratron, Xenon, Rel.
5749/6BA6W	CV4009	Pentode, Remote, Rel.
5750/6BE6W	CV4012	Heptode, Converter, Rel.
5783WA	CV3960	Voltage Reference Tube
5836	CV5044	Klystron, Reflex
5840	CV3929	Pentode, RF, Sharp
5861	CV273	Triode, Disc Seal, UHF
5894	CV2797	Twin Tetrode, RF, Beam Power Amplifier
5896	CV2698	Double Diode, 400 Mc/s
5899	CV477	Pentode, semi-Remote
5902	CV4029	Pentode, Beam Power Ampl., Rel.
5933WA	CV5246	Tetrode, Beam Power Amplifier
5948A	CV5455	Triode, Thyratron, Hydrogen
5949	CV3521	Triode, Thyratron, Hydrogen, Pulse Mod.
6005/6AQ5W	CV4019	Pentode, Beam Power Amplifier, Rel.
6021	CV3986	Twin Triode, Medium Mu.
6027	CV5135	Magnetron, Fixed F, Pulse, Perm. Magnet
6057	CV4004	Twin Triode, High Mu, Rel.
6063	CV4005	Rectifier, Full-Wave, High-Vacuum, Rel.
6064	CV4014	Pentode, Sharp, Rel.
6080WA	CV5008	Twin Triode, Power Amplifier
6111	CV3961	Twin Triode, Medium Mu.
6112	CV5007	Twin Triode, High Mu.
6130	CV3629	Thyratron, Hydrogen, Pulse Modulator
6146	CV3523	Tetrode, Beam Power, Amplifier
6155	CV2130	Tetrode, Power, VHF
6189/12AU7WA	CV4003	Twin Triode, Low Mu., Rel.
6203	CV5009	Rectifier, Full-Wave, High Vacuum
6252	CV2799	Twin Tetrode, RF, Beam Amplifier
6267	CV2901	Pentode, Sharp, Low Microphony
6360	CV2798	Double Tetrode, Power RF
6375	CV2275	Triode, UHF
6442	CV3988	Triode, UHF
6533	CV5136	Triode, High Mu, Low Microphony
6939	CV3466	Twin Tetrode
6975	CV5249	Klystron, Reflex
7308	CV5354 (CV4108)	Twin Triode, Medium Mu

U. S. Number	CV Number	Class Description
7320	CV2975	Pentode, Power Amplifier
	CV2314	Cathode Ray Tube, Magn. Defl. and Foc.
	CV2346	Klystron, External Cavity
	CV2352	Cathode Ray Tube, Electrostatic Defl. and Foc.
	CV2381	Backward Wave Oscillator
	CV2393	Backward Wave Oscillator
	CV4048	Voltage Reference Tube, Gas-Filled, Rel.
	CV4105	Grounded Grid Triode, Receiving
	CV4504	Diode, Flying Leads, Rel.
	CV6023	Backward Wave Oscillator
	CV6024	Backward Wave Oscillator
F1001 (French)	CV5011	Magnetron. Tunable, Pulse, Ext. Magnet F: 3100—3300 Mc/s

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CV Number	U. S. Number	Class Description
CV273	5861	Triode, Disc Seal, UHF
CV429	12AEP26	Cathode Ray Tube, Magn. Defl. and Foc.
CV477	5899	Pentode, Semi-Remote
CV1830	1B3GT	Rectifier, Half-Wave, High Vacuum
CV1835	3B28	Rectifier, Half-Wave, Gas
CV1892	2K28	Klystron, External Cavity
CV1905	4-65A	Tetrode, Power, VHF
CV2130	6155	Tetrode, Power, VHF
CV2210	5544	Triode, Gas-filled, Thyatron
CV2215	5545	Triode, Gas-filled, Thyatron
CV2275	6375	Triode, UHF
CV2284	4J50A	Magnetron, Pulse, Fixed F, Perm. Magnet
CV2302	1CP1	Cathode Ray Tube, Electrostat. Defl. and Foc.
CV2314		Cathode Ray Tube, Magn. Defl. and Foc.
CV2346		Klystron, External Cavity
CV2352		Cathode Ray Tube, Electrostat. Defl. and Foc.
CV2381		Backward Wave Oscillator
CV2393		Backward Wave Oscillator
CV2487	4X250B	Tetrode, External Anode, UHF
CV2518	4B32	Rectifier, Half-Wave, Gas
CV2662	5639	Pentode, Sharp, Video Amplifier
CV2698	5896	Double Diode, 400 Mc/s
CV2752	4PR60A	Tetrode, Pulse Amplifier
CV2753	5684/C3J/A	Triode, Thyatron, Inert Gas
CV2754	5685/C6J	Triode, Thyatron, Gas
CV2790	C1K	Rectifier, Grid-Controlled
CV2797	5894	Twin Tetrode, RF, Beam Power Amplifier
CV2798	6360	Double Tetrode, Power RF
CV2799	6252	Twin Tetrode, RF, Beam Amplifier
CV2901	6267	Pentode, Sharp, Low Microphony
CV2963	4D21	Tetrode, Power, VHF
CV2975	6BQ5	Pentode, Power Amplifier
	7320	
CV3466	6939	Twin Tetrode
CV3510	4B31	Diode, Clipper, High-Vacuum
CV3512	5696	Tetrode, Thyatron, Gas
CV3521	5949	Triode, Thyatron, Hydrogen, Pulse Mod.
CV3523	6146	Tetrode, Beam Power, Amplifier
CV3599	3E29	Twin Beam Tetrode, Pulse Modulator
CV3611	5586	Magnetron (F: 2700 - 2900 Mc/s) Pulse
CV3612	5686	Pentode, RF Beam Power Ampl., Rel.
CV3629	6130	Thyatron, Hydrogen, Pulse Modulator
CV3676	2J42	Magnetron, Fixed F, Pulse, Perm. Magnet
CV3678	2BP1	Cathode Ray Tube, Electrostat. Defl. and Foc.
CV3879	4-400A	Tetrode, Power, VHF
CV3928	5636	Pentode, Sharp, Mixer
CV3929	5840	Pentode, RF, Sharp
CV3930	5718	Triode, 500 Mc/s, Medium Mu
CV3946	3WP1	Cathode Ray Tube, Electrostat. Defl. and Foc.
CV3957	1258	Thyatron, Hydrogen, Pulse Modulator
CV3958	5657	Tunable (F: 2900 - 3100 Mc/s)
CV3959	5FP7A	Cathode Ray Tube, Magn. Defl. and Foc.

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CV Number	U. S. Number	Class Description
CV3960	5783WA	Voltage Reference Tube
CV3961	6111	Twin Triode, Medium Mu.
CV3969	577	Rectifier, Half-Wave, High-Vacuum
CV3986	6021	Twin triode, Medium Mu.
CV3987	5644	Voltage Regulator, Rel.
CV3988	6442	Triode, UHF
CV4003	6189/12AU7WA	Twin Triode, Low Mu., Rel.
CV4004	6057	Twin Triode, High Mu, Rel.
CV4005	6063	Rectifier, Full-Wave, High-Vacuum, Rel.
CV4007	5726/6AL5W	Twin Triode, Rel.
CV4008	5719	Triode, High Mu, Rel.
CV4009	5749/6BA6W	Pentode, Remote, Rel.
CV4010	5654/6AK5W	Pentode, Sharp, RF, Rel.
CV4011	5725/6AS6W	Pentode, Sharp, RF, Mixer, Rel.
CV4012	5750/6BE6W	Heptode, Converter, Rel.
CV4014	6064	Pentode, Sharp, Rel.
CV4018	5727/2D21W	Tetrode, Thyatron, Xenon, Rel.
CV4019	6005/6AQ5W	Pentode, Beam Power Amplifier, Rel.
CV4020	0A2WA	Voltage Regulator, Rel.
CV4021	3B24WA	Rectifier, Half-Wave, High Vacuum, Rel.
CV4023	6AU6WA	Pentode, RF, Sharp, Rel.
CV4027	5Y3WGTA	Rectifier, Full-Wave, High Vacuum, Rel.
CV4029	5902	Pentode, Beam Power Ampl., Rel.
CV4031	6J6WA	Twin Triode, Rel.
CV4048		Voltage Reference Tube, Gas-Filled, Rel.
CV4058	6C4WA	Triode, HF, Medium Mu, Rel.
CV4101	0B2WA	Voltage Regular, Rel.
CV4105		Grounded Grid Triode, Receiving
CV4108	7308	Twin Triode, Medium Mu
CV4504		Diode, Flying Leads, Rel.
CV5007	6112	Twin Triode, High Mu.
CV5008	6080WA	Twin Triode, Power Amplifier
CV5009	6203	Rectifier, Full-Wave, High Vacuum
CV5011	F1001 (French)	Magnetron, Tunable, Pulse, Ext. Magnet F: 3100-3300 Mc/s.
CV5018	4J52A	Magnetron, Pulse, Fixed F, Perm. Magn.
CV5035	5ADP1	Cathode Ray Tube, Electrostat. Defl. and Foc.
CV5044	5836	Klystron, Reflex
CV5079	5643	Thyatron, Gas-Tetrode
CV5125	5ADP7	Cathode Ray Tube, Electrostat. Defl. and Foc.
CV5134	2J51A	Magnetron, Tunable, Perm. Magn.
CV5135	6027	Magnetron, Fixed F, Pulse, Perm. Magnet
CV5136	6533	Triode, High Mu, Low Microphony
CV5155	578	Rectifier, Half-Wave, High Vacuum
CV5181	5R4WGB	Rectifier, Full-Wave, High Vacuum, Rel.
CV5182	6AN5WA	Pentode, Power Amplifier
CV5188	5687WA	Twin Triode, Power Ampl.
CV5211	5641	Rectifier, Half-Wave, High-Vacuum
CV5212	12AT7WA	Twin Triode, High Mu, Rel.
CV5246	5933WA	Tetrode, Beam Power Amplifier
CV5247	4C35A	Thyatron, Hydrogen, Pulse Modulator
CV5248	5FP14A	Cathode Ray Tube, Magn. Defl. and Foc.
CV5249	6975	Klystron, Reflex

CV Number	U. S. Number	Class Description
CV5354	7308	Twin Triode, Medium Mu
CV5355	3D21B	Beam Tetrode, Pulse Modulator
CV5356	583	Diode, Clipper, High-Vacuum
CV5450	6AH6WA	Pentode, Sharp cut off, Miniature
CV5452	3ACP1A	Cathode Ray Tube, Electrostatic Defl. and Foc.
CV5454	3ACP12A	Cathode Ray Tube, Electrostatic Defl. and Foc.
CV5455	5948A	Triode, Thyatron, Hydrogen
CV5456	10KP7A	Cathode Ray Tube, Magn. Defl. and Foc.
CV5753	3ACP7A	Cathode Ray Tube, Electrostatic Defl. and Foc.
CV6023		Backward Wave Oscillator
CV6024		Backward Wave Oscillator
	5C22	Thyatron, Hydrogen, Pulse Modulator

