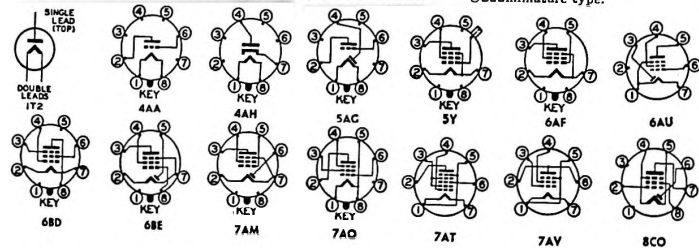


Tube Type	Classification by Construction	Base Connections	Out-line Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Output	Grid-plate
1LF3	Medium-Mu Triode	4AA	9-30	Fil	1.4 DC	0.05	110	—	1.7	3.0	1.7
1LG5	Semi-Remote Cutoff RF Pentode	7AO	9-30	Fil	1.4 DC	0.05	110	110	3.2	7.0	0.007
1LH4	Diode High-Mu Triode	5AG	9-30	Fil	1.4 DC	0.05	110	—	2.0	2.4	1.2
1LN5	Sharp-Cutoff RF Pentode	7AO	9-30	Fil	1.4 DC	0.05	110	110	3.0	8.0	0.007
1M3	Electron-Ray Indicator	8DN	3-2	Fil	1.4	0.025	300	—	Max plate voltage = 90 v Min plate voltage = 45 v		
1N5-G 1N5-GT	Sharp-Cutoff RF Pentode	5Y	9-28 9-18	Fil	1.4 DC	0.05	110	110	3.0 2.8	10.0 9.0	0.007 0.007
1N6-G 1N6-GT	Diode Power-Amplifier Pentode	7AM	T-X 9-11	Fil	1.4 DC	0.05	110	110	—	—	—
1P5-G 1P5-GT	Remote-Cutoff RF Pentode	5Y	9-28 9-18	Fil	1.4 DC	0.05	110	110	3.0	10.0	0.007
1Q5-GT	Beam Power Amplifier	6AF	9-11 9-41	Fil	1.4 DC	0.1	110	110	—	—	—
1Q8	Diode Pentode	8CO	3-2	Fil	1.25 DC	0.04	100	100	1.8	4.2	0.085
1R4	High-Frequency Diode	4AH	9-30	Htr	1.4	0.15	Tube Voltage Drop: 8 v at 2 ma d-c				
1R6	Pentagrid Converter	7AT	5-2	Fil	1.4 DC	0.05	90	67.5	$O_{ac} I_{e1} = 0.25$ ma $R_{e1} = 100,000$ ohms $O_{ac} I_{e1} = 0.15$ ma $R_{e1} = 100,000$ ohms		
1S4	Power Amplifier Pentode	7AV	5-2	Fil	1.4 DC	0.1	90	67.5	—	—	—
1S6	Diode Sharp-Cutoff Pentode	6AU	5-2	Fil	1.4 DC	0.05	90	90	—	—	—
1S6	Diode-Pentode	8DA	3-2	Fil	1.25 DC	0.04	100	100	—	—	—
1SA6-GT	RF Pentode	6BD	9-12	Fil	1.4 DC	0.05	90	67.5	5.2	8.6	0.01
1SB8-GT	Diode Pentode	6BE	9-11	Fil	1.4 DC	0.05	90	67.5	3.2	3.0	0.25
1T2	Half-Wave High-Voltage Rectifier	1T2	T-X	Fil	1.4	0.14	Tube Voltage Drop: 46 volts at 4 ma d-c				

Metal tubes are shown in bold-face type, miniature tubes in italics.

Subminiature type.



Service	Plate Volts	Screen Volts	Neg Grid Volts	Plate Multi-ampers	Screen Multi-ampers	R _p Ohms	G _m μmhos	μ Fac-tor	Load for Rated Out-put, Ohms	Power Out-put, Watts	Tube Type
Class A Amplifier	90 90	— —	0 3.0	4.5 1.4	— —	11,200 19,000	1,300 760	14.5 14.5	— —	— —	1LF3
Class A Amplifier	90 90	45 0	0 1.5	1.7 3.7	0.4 0.9	1,000,000* 500,000	800 1,500	— —	— —	— —	1LG5
Class A Amplifier	90	—	0	0.15	—	240,000	275	65	—	—	1LH4
Class A Amplifier	90	90	0	1.6	0.35	1,100,000	800	—	—	—	1LN5
Tuning Indicator	Plate voltage = 250 v thru 1.8 meg. (E _g = -34 v, illuminated length = 0") (E _g = 0 v, I _k = 105 μa, illuminated length = 3/8")									—	1M3
Class A Amplifier	90	90	0	1.2	0.3	1,500,000	750	—	—	—	1N5-G 1N5-GT
Class A Amplifier	90	90	4.5	3.4†	0.7†	300,000	800	—	25,000	0.100	1N6-G 1N6-GT
Class A Amplifier	90	90	0	2.3	0.7	800,000	750	—	—	—	1P5-G 1P5-GT
Class A Amplifier	90 85	90 85	4.5 5.0	9.5† 7.0†	1.3† 0.8†	90,000 70,000	2,200 1,650	— —	8,000 9,000	0.27 0.25	1Q5-GT
Class A Amplifier	67.5 30	67.5 30	0 0	1.6 0.33	0.40 0.09	400,000 500,000	600 330	— —	— —	— —	1Q8
Half-Wave Rectifier	Max d-c output current = 1.0 ma; max rms supply voltage = 117 volts										1R4
Converter	90	67.5	0	1.5	3.5	400,000	280 #	—	—	—	1R6
Converter	45	45	0	0.7	2.1	500,000	210 #	—	—	—	1S4
Class A Amplifier	90 67.5 45	67.5 67.5 45.0	7.0 7.0 4.5	7.4† 7.2† 3.8†	1.4† 1.5† 0.8†	100,000 100,000 100,000	1,575 1,550 1,250	— — —	8,000 5,000 8,000	0.270 0.180 0.065	1S6
Class A Amplifier	67.5	67.5	0	1.6	0.4	600,000	625	—	—	—	1S6
Class A Amplifier	67.5 30	67.5 30	0 0	1.6 0.33	0.4 0.10	400,000 500,000	600 330	— —	— —	— —	1S6
Class A Amplifier	90	67.5	0	2.45	0.68	800,000	970	—	—	—	1SA6-GT
Class A Amplifier	90	67.5	0	1.45	0.38	700,000	665	—	—	—	1SB6-GT
TV Flyback Rectifier	Max d-c output current = 2 ma; max peak inverse voltage = 15,000 volts; max peak current = 12 ma										1T2

§ Approximate.

▲ Without external shield.

† Zero signal.

‡ Grids 3 and 5 are screen. Grid 4 is signal.

§ Conversion transconductance.

▲ Maximum.

♥ Grids 2 and 4 are screen. Grid 3 is signal.

§ Screen supply voltage.

‡ Absolute maximum rating.

‡ Plate-to-plate.

▲ Per section.

§ For both sections.

▲ Minimum.

♥ Heater warm-up time controlled for series-string service.

‡ Plate supply voltage.

‡ Input plate.

‡ The duration of the pulse voltage must not exceed 15 percent of one scanning cycle.

‡ Section 1.

‡ Section 2.

‡ A resistor of 3 ohms must be put in series with heater.

