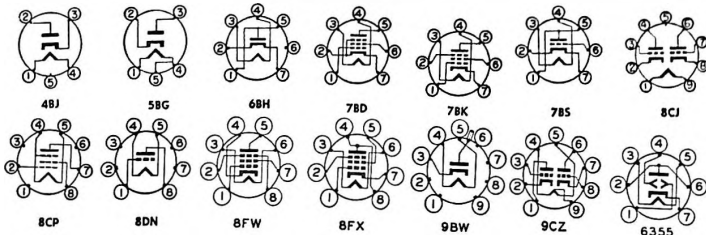


Tube Type	Classification by Construction	Base Connections	Outline Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Out-put	Grid-plate
6355	Twin Electron-Ray Indicator	6355	T-X	Htr	6.3	0.14	Max target voltage = 275 v				
6373	RF Pentode	8CP	3-3	Fil	1.25	0.11	150	150	3.0	7.0	0.1
6374	Half-Wave High-Vacuum Rectifier	9BW	T-X	Htr	6.3	1.0	Tube Voltage Drop: 22 v at 150 ma d-c				
6375	Medium-Mu Triode	8DN	3-3	Fil	1.25	0.2	150	—	1.3	1.9	1.4
6386	Medium-Mu Remote-Cutoff Twin Triode	8CJ	6-1	Htr	6.3	0.35	300	—	2.0▲	1.1▲	1.2▲
6391	Sharp-Cutoff Pentode	6391	T-X	Htr	6.3	0.2	175	175	4.0	5.0	0.15♣
6443	Half-Wave High-Vacuum Rectifier	9BW	T-X	Htr	6.3	1.1	Tube Voltage Drop: 25 v at 150 ma d-c				
6463	Medium-Mu Twin Triode	9CZ	6-3	Htr	12.6 6.3	0.3 0.6	300	—	3.0▲ 0.5▲	0.6▲ 0.5▲	5.0▲
6485	Sharp-Cutoff RF Pentode	7BK	5-2	Htr	6.3	0.45	300	150	10	3.6	0.02♣
6487	Diode-RF Pentode	8FW	3-2	Htr	6.3	0.2	190	190	4.5	4.7	0.02♣
6488	Remote-Cutoff RF Pentode	8PX	3-2	Htr	6.3	0.2	190	190	4.5	5.0	0.15♣
6489	Diode	6489	T-X	Htr	6.3	0.15	Tube Voltage Drop: 3.1 v at 18 ma d-c				
9001	Detector Amplifier Pentode	7BD	5-1	Htr	6.3	0.15	250	100	3.6	3.0	0.01♣
9002	Medium-Mu Triode	7BS	5-1	Htr	6.3	0.15	250	—	1.2	1.1	1.4
9003	Remote-Cutoff Pentode	7BD	5-1	Htr	6.3	0.15	250	100	3.6	3.0	0.01♣
9004	High-Frequency Diode (Acorn)	4BJ	4-1	Htr	6.3	0.15	—	—	—	—	—
9005	High-Frequency Diode (Acorn)	5BG	4-1	Htr	3.6	0.165	—	—	—	—	—
9006	High-Frequency Diode	6BH	5-1	Htr	6.3	0.15	—	—	—	—	—

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

▲ Subminiature type.



Service	Plate Volts	Screen Volts	Neg Grid Volts	Plate Milli-amperes	Screen Milli-amperes	R _p , Ohms	G _m , μmbos	μ Factor	Load for Rated Out-put, Ohms	Power Out-put, Watts	Tube Type
Tuning Indicator	Target voltage = 250 v; Focus-electrode-1 voltage = 120 to 190 v; Focus-electrode-2 voltage = 120 to 190 v										6355
Class A Amplifier	150	90	7.5	6.5	1.4	—	1,500	—	—	—	6373 Ⓢ
Half-Wave Rectifier	Max d-c output current = 125 ma; max peak inverse voltage = 2000 volts; rms supply voltage = 625 volts; max peak current = 900 ma										6374
Class A Amplifier	150	—	4.5	12	—	4,100	3,400	14	—	—	6375 Ⓢ
Class A Amplifier ♦	100	—	R _k = 200	9.6	—	4,250	4,000	17	—	—	6386
Class A Amplifier	100	100	1.4	7.0	2.2	180,000	3,000	—	—	—	6391 Ⓢ
Half-Wave Rectifier	Max d-c output current = 150 ma; max peak inverse voltage = 1,800 volts; max rms supply voltage = 625 volts; max peak current = 900 ma										6443
Class A Amplifier ♦ Frequency Halter ♦	250 100 100	— — —	R _k = 620 — 11	14.5 29 1.0	— — —	3,850 — —	5,200 I _c = 200 μa —	20 — —	— — —	— — —	6463
Class A Amplifier	300	150	R _k = 160	10	2.5	500,000	9,000	—	—	—	6485
Class A Amplifier	100	100	2.0	3.0	2.45	100,000	2,500	—	—	—	6487 Ⓢ
Class A Amplifier	100	100	2.0	7.5	2.5	250,000	5,250	—	—	—	6488 Ⓢ
Half-Wave Rectifier	Max d-c output current Ⓢ = 10 ma; max peak inverse voltage Ⓢ = 460 volts; max peak current Ⓢ = 60 ma										6489 Ⓢ
Class A Amplifier	250	100	3.0	2.0	0.7	1,000,000*	1,400	—	—	—	9001
Class A Amplifier	250	—	7.0	6.3	—	11,400	2,200	25	—	—	9002
Class A Amplifier	250	100	3.0	6.7	2.7	700,000	1,800	—	—	—	9003
Half-Wave Rectifier	Max d-c output current = 5 ma; max rms supply voltage = 117 volts										9004
Half-Wave Rectifier	Max d-c output current = 1.0 ma; max rms supply voltage = 117 volts										9005
Half-Wave Rectifier	Max d-c output current = 5 ma; max peak inverse voltage = 750 volts; rms supply voltage = 270 volts; max peak current = 15 ma										9006

* 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.

