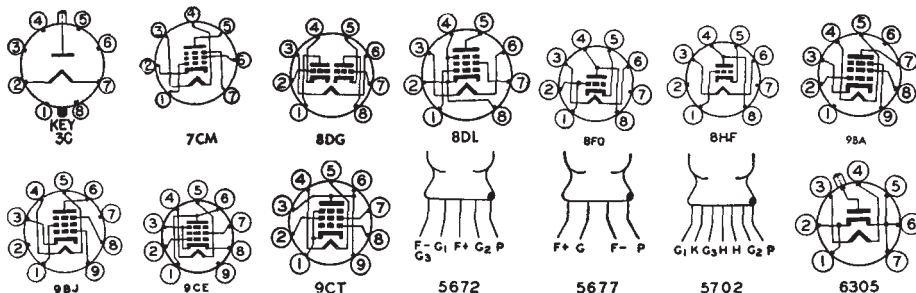


Tube Type	Classification by Construction	Base Connections	Out-line Dwg	Filament Volts	Filament Amp	Max Plate Watts	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Out-put	Grid-plate
6215	Half-Wave High-Voltage Rectifier	3C	T-X	1.25	0.2	—	Tube Voltage Drop: 56 v at 2.0 ma d-c				
<i>6216</i>	Beam Power Amplifier	9CE	6-3	6.3	1.2	10	300	200	13.2▲	6.7▲	0.37♣▲
6221◎	Medium- μ Triode	8HF	3-1	6.3	0.175	3.3◻	165◻	—	—	—	—
6222◎	High- μ Triode	8HF	3-1	6.3	0.175	0.55◻	165◻	—	—	—	—
6223◎	Sharp-Cutoff Pentode	8DL	3-1	6.3	0.175	1.1◻	165◻	155◻	4.2	3.4	0.015
6224◎	Beam Power Amplifier	8DL	3-3	6.3	0.45	5.0◻	165◻	155◻	6.5	7.5	0.2
6225◎	Semi-remote Cutoff Pentode	8DL	3-1	6.3	0.175	1.1◻	165◻	155◻	4.1	3.4	0.015
<i>6227</i>	Power Amplifier Pentode	9BA	6-4	6.3	0.75	8.0◻	300◻	300◻	—	—	—
6245◎	Sharp-Cutoff Pentode	5702	3-6	6.3	0.2	1.85◻	200◻	155◻	4.35	3.15	0.03♣
6247◎	High- μ Triode	8FO	3-2	6.3	0.2	1.6◻	275◻	—	—	—	—
<i>6265</i>	Sharp-Cutoff RF Pentode	7CM	5-2	6.3	0.175	2.0	300	150	5.2▲	4.4▲	0.004♣▲
<i>6267</i>	Power Amplifier Pentode	9BJ	6-2	6.3	0.2	1.0	300	200	—	—	—
6281◎	Sharp-Cutoff AF Pentode	5672	2-2	0.625	0.02	—	25◻	25◻	2.5	3.4	0.01♣
6286◎	Medium- μ Triode	5677	2-1	1.25	0.125	0.45◻	100◻	—	1.3▲	2.1▲	1.6▲
<i>6287</i>	Beam Power Amplifier	9CT	T-X	6.3	0.6	13.2◻	275◻	275◻	8.0▲	9.0▲	1.1♣▲
<i>6305</i>	Half-Wave High-Voltage Rectifier	6305	T-X	4.0	0.5	—	—	—	—	—	—
6320◎	High- μ Twin Triode	8DG	T-X	6.3	0.085	0.6♣	150	—	1.0	1.4	0.6
6321◎	Low- μ Twin Triode	8DG	T-X	6.3	0.085	0.6♣	150	—	1.0	1.4	0.55
6325	Full-Wave High-Vacuum Rectifier	6325	T-X	6.3	2.7	—	—	—	—	—	—
6327	Beam Power Amplifier	6327	T-X	6.3	1.8	35◻	1,650◻	330	13▲	13▲	0.6♣▲

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



Service	Plate Volts	Screen Volts	Neg Grid Volts	Plate Milli-am-peres	Screen Milli-am-peres	R _p , Ohms	G _m , μmhos	μ Factor	Load for Rated Out-put, Ohms	Power Out-put, Watts	Tube Type
Half-Wave Rectifier	Max d-c output current = 1.0 ma; max peak inverse voltage = 18,000 volts; max peak current = 8.0 ma										6215
Class A Amplifier Filter Reactor	200 100	100 100	6.0 3.0	47† 72	2.0† 3.0	38,000 18,500§	8,800 12,500	— R _{g1} = 0.1 meg	4,500	3.8	6216
Class A Amplifier	100	—	R _k = 150	8.5	—	4,700§	5,800	27	—	—	6221 ⊙
Class A Amplifier	100	—	R _k = 1500	0.7	—	41,000§	1,700	70	—	—	6222 ⊙
Class A Amplifier	100	100	R _k = 150	7.5	2.4	175,000*	5,000	—	—	—	6223 ⊙
Class A Amplifier	110	110	R _k = 270	30	2.0	10,000	4,200	—	—	—	6224 ⊙
Class A Amplifier	100	100	R _k = 120	7.2	2.0	175,000*	4,500	—	—	—	6225 ⊙
Class A Amplifier	200	200	R _k = 130	30	4.1	90,000	9,000	E _{cs} = 0 volts	7,000	2.7	6227
Class A Amplifier	120 20	120 30	R _k = 200 0	7.5 2.5	2.6 1.5 ♣	— —	5,000 3,275	E _{cs} = 0 volts E _{cs} = 0 volts	—	—	6245 ⊙
Class A Amplifier	250	—	R _k = 500	4.2	—	22,600§	2,650	60	—	—	6247 ⊙
Class A Amplifier	250	150	R _k = 100	7.4	2.9	1,000,000§	4,600	—	—	—	6265
Class A Amplifier	250	140	2.0	3.0	0.6	2,500,000	2,000	E _{cs} = 0 volts	—	—	6267
Class A Amplifier	15	15	1.0	0.05	0.02	2,000,000	105	—	—	—	6281 ⊙
Class A Amplifier	67.5	—	2.0	6.0	—	5,500§	2,100	11.5	—	—	6286 ⊙
Class A Amplifier	250	250	12.5	46†	5.0†	55,000	4,100	—	6,000	4.5	6287
Half-Wave Rectifier	Max d-c output current = 5 ma; max peak inverse voltage = 12,500 volts; max rms supply voltage = 5500 volts; max peak current = 40 ma										6305
Class A Amplifier ♣	100	—	R _k = 680	—	—	33,000§	1,800	60	—	—	6320 ⊙
Class A Amplifier ♣	100	—	R _k = 680	—	—	9,400§	1,700	16	—	—	6321 ⊙
Full-Wave Rectifier	Max d-c output current ⊖ = 250 ma; max peak inverse voltage ⊖ = 2200 volts; rms supply voltage per plate ⊖ = 780 volts; max peak current per plate ⊖ = 550 ma										6325
Class A Amplifier	400 250	300 250	40 22.5	75 120	3.5 7.0	20,000§ —	5,500 8,000	— —	— —	— —	6327



§ Approximate.
 ▲ Without external shield.
 † Zero signal.
 ‡ Grids 3 and 5 are screen. Grid 4 is signal-input grid.
 # Conversion transconductance.
 ♣ Maximum.
 ▼ Grids 2 and 4 are screen. Grid 3 is signal-input grid.
 ✱ Screen supply voltage.
 ⊖ Absolute maximum rating.
 † Plate-to-plate.
 ♣ Per section.
 ⊙ Design maximum rating.

⊕ For both sections.
 * Minimum.
 ¶ Heater warm-up time controlled for series-string service.
 § Plate supply voltage.
 || Input plate.
 3— The duration of the pulse voltage must not exceed 15 percent of one scanning cycle.
 1— Section 1.
 2— Section 2.
 4— A resistor of 3 ohms must be put in series with heater.