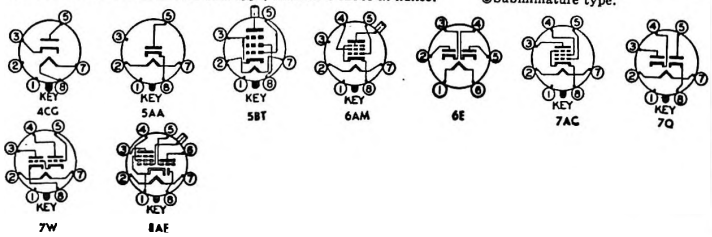
Tube Type	Classification by Construction	Base Connections	Outline Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads: Input	Output	Grid-plate
25BQ6-GA	Beam Power Amplifier	6AM	T-X	Htr	25.0	0.3	600‡	175	14▲	6.5▲	0.8▲
25BQ6-GT	Beam Power Amplifier	6AM	9–49 or 9–50	Htr	25.0	0.3	550‡	175	15▲	7.5▲	0.6▲
25C6-G	Beam Power Amplifier	7AC-	14–3	Htr	25.0	0.3	200	135	—	—	—
25CD6-G 25CD6-GA	Beam Power Amplifier	5BT	16–5	Htr	25.0 25.0¶	0.6 0.6¶	700‡	175	25▲	9.5▲	0.6▲
25CU6	Beam Power Amplifier	6AM	T-X	Htr	25.0	0.3	550‡	175	15▲	7.0▲	0.55▲
25D8-GT	Diode-Triode-Pentode	8AF	9–23	Htr	25.0	0.15	100	100	Pentode Section Triode Section		
25L6	Beam Power Amplifier	7AC	8–6	Htr	25.0	0.3	200	117	16.0	13.5	0.3
25L6-GT	Beam Power Amplifier	7AC	9–11 or 9–41	Htr	25.0	0.3	200	125	15▲	10▲	0.8▲
25N6-G	Direct-Coupled Power Amplifier	7W	12–3	Htr	25.0	0.3	180	—	—	—	—
25U4-GT	Half-Wave High-Vacuum Rectifier	4CG	9–13	Htr	25.0	0.3	Tube Voltage Drop: 21 v at 250 ma d-c				
25W4-GT	Half-Wave High-Vacuum Rectifier	4CG	9–11 or 9–41	Htr	25.0	0.3	Tube Voltage Drop: 21 v at 350 ma d-c				
25W6-GT	Beam Power Amplifier	7AC	9–11 or 9–41	Htr	25.0	0.3	300 300	150 —	Pentode Connection Triode Connection (G_2 & P tied)		
25X6-GT	High-Vacuum Rectifier Doubler	7Q	9–11	Htr	25.0	0.15	Tube Voltage Drop: ♠ 25 v at 120 ma d-c				
25Y5	High-Vacuum Rectifier Doubler	6E	12–5	Htr	25.0	0.3	—	—	—	—	—
25Z4	Half-Wave High-Vacuum Rectifier	5AA	8–1	Htr	25.0	0.3	Tube Voltage Drop: 20.5 v at 250 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 Milliamperes	Screen Milliamperes	R_p, Ohms	G_m, μmhos	μ Factor	Load for Rated Output, Ohms	Power Output, Watts	Tube Type
Horizontal Deflection Amplifier	250 60	150 150	22.5 0	55 225	2.1 25	20,000§ —	5,500 —	— —	— —	— —	25BQ6-GA
	Max positive pulse plate voltage⊞ =6000 volts; max plate dissipation =11 watts; max screen dissipation =2.5 watts; max d-c cathode current =110 ma										
Horizontal Deflection Amplifier	250 60	150 150	22.5 0	55 225	2.1 25	20,000§ —	5,500 —	— —	— —	— —	25BQ6-GT
	Max positive pulse plate voltage⊞ =5500 volts; max plate dissipation =11 watts; max screen dissipation =2.5 watts; max d-c cathode current =110 ma										
Class A Amplifier	200	135	14	61†	2.2†	18,300†	7,100	—	2,600	6.0	25C6-G
Horizontal Deflection Amplifier	175 60	175 100	30 0	75 230	5.5 21	7,200§ —	7,700 —	— —	— —	— —	25CD6-G 25CD6-GA
	Max positive pulse plate voltage⊞ =6600 volts; max plate dissipation =15 watts; max screen dissipation =3.0 watts; max d-c cathode current =200 ma										
Horizontal Deflection Amplifier	250 60	150 150	22.5 0	55 225	2.1 25	20,000§ —	5,500 —	— —	— —	— —	25CU6
	Max positive pulse plate voltage⊞ =6000 volts; max plate dissipation =11 watts; max screen dissipation =2.5 watts; max d-c cathode current =110 ma										
Class A Amplifier Class A Amplifier	100 100	100 —	3.0 1.0	8.5 0.5	2.7 —	200,000 91,000	1,900 1,100	— —	— —	— —	25D8-GT
Class A Amplifier	200 110	110 110	8.0 7.5	50† 49†	2.0† 4.0†	30,000§ 13,000§	9,500 9,000	— —	3,000 2,000	4.3 2.1	25L6
Class A Amplifier	200 110	125 110	R_k = 180 7.5	46† 49†	2.2† 4.0†	28,000§ 13,000§	8,000 8,000	— —	4,000 2,000	3.8 2.1	25L6-GT
Class A Amplifier	180	100‖	0	46	5.8	15,000	2,300	—	4,000	3.8	25N6-G
Half-Wave Rectifier TV Damper Service₂	Max d-c output current =125 ma; max peak inverse voltage =1250 volts; rms supply voltage =350 volts; max peak current =600 ma Max d-c output current =125 ma; max peak inverse voltage⊞ =3850 volts; max peak current =600 ma										25U4-GT
TV Damper Service₂	Max d-c output current =125 ma; max peak inverse voltage⊞ =3850 volts; max peak current =750 ma										25W4-GT
Class A Amplifier	200 110	125 110	R_k = 180 7.5	46† 49†	2.2† 4.0†	28,000§ 13,000§	8,000 8,000	— —	4,000 2,000	3.8 2.1	25W6-GT
Vertical Deflection Amplifier	225	—	30	22	—	1,600§	3,800	6.2	—	—	
	Max positive pulse plate voltage⊞ =1200 volts; max plate dissipation =7.5 watts; max d-c cathode current =40 ma										
Rectifier or Doubler	Max d-c output current per plate =60 ma; rms supply voltage per plate =125 volts										25X6-GT
Rectifier or Doubler	Max d-c output current per plate =42 ma; max peak inverse voltage =700 volts; max rms supply voltage per plate =250 volts										25Y5
Half-Wave Rectifier	Max d-c output current =125 ma; max peak inverse voltage =700 volts, max rms supply voltage =235 volts; max peak current =750 ma										25Z4

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