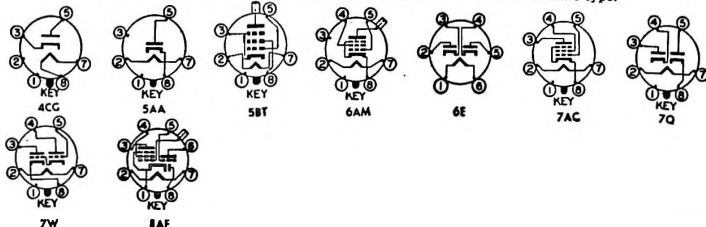


Tube Type	Classification by Construction	Base Connections	Out-line Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Out-put	Grid-plate
25BQ6-GA	Beam Power Amplifier	6AM	T-X	Htr	25.0	0.3	600†	175	14▲	6.5▲	0.8▲
25BQ6-GT	Beam Power Amplifier	6AM	9-49 or 9-50	Htr	25.0	0.3	550†	175	15▲	7.5▲	0.8▲
25C6-G	Beam Power Amplifier	7AC	14-3	Htr	25.0	0.3	200	135	—	—	—
25CD6-G 25CD6-GA	Beam Power Amplifier	5BT	18-5	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	150	Pentode Connection		
							300	—	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.

③Subminiature type.



Service	Plate Volts	Screen Volts	Neg. Grid Volts	Plate Milli-amperes	Screen Milli-amperes	R _p Ohms	G _m μmhos	# Fac-tor	Load for Rated Out-put, Ohms	Power Out-put, Watts	Tube Type
Horizontal Deflection Amplifier	250 60 150	150 0 225	22.5 0 225	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 0 225	22.5 0 225	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 60 150	175 0 230	30 0 230	75 225	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 0 225	22.5 0 225	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	100	100	3.0	8.5	2.7	200,000	1,900	—	—	—	25D8-GT
Class A Amplifier	100	—	1.0	0.5	—	91,000	1,100	—	—	—	
Class A Amplifier	200 110	110 110	8.0 7.5	50† 49†	2.0† 4.0†	30,000† 9,000	8,500	—	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	—	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 Damp-er Service	Max d-c output current = 125 ma; max peak inverse voltage = 1250 volts; rms supply voltage = 350 volts; max peak current = 600 ma										25U4-GT
TV Damp-er Service	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	—	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 = 80 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.

③ 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.