

RCA Type	Name	Out-line	Terminal Diagram	Heater or Filament (F)		Use Values to right give operating conditions and characteristics for indicated typical use
				Volts	Amperes	
35Y4	Half-Wave Rectifier Heater Tap for Pilot	12C	5AL Pilot	35.0 4Z	0.15 Between Pins 1 and 4	With Capacitive-Input Filter
35Z3	Half-Wave Rectifier	12C	4Z	35.0	0.15	With Capacitive-Input Filter
35Z4GT	Half-Wave Rectifier	13D	5AA	35.0	0.15	With Capacitive-Input Filter
36	Sharp-Cutoff Tetrode	24B	5E	6.3	0.3	Screen-Grid RF Amplifier
36AM3	Half-Wave Rectifier	5D	5BQ	36.0	0.1	With Capacitive-Input Filter
36AM3A 36AM3B	Half-Wave Rectifier	5D	5BQ	36.0	0.1	With Capacitive-Input Filter
37	Medium-Mu Triode	22 or 13H	5A	6.3	0.3	Class A Amplifier
38	Power Pentode	24B	5F	6.3	0.3	Class A Amplifier
39/44	Remote-Cutoff Pentode	24B	5F	6.3	0.3	Class A Amplifier
40	Medium-Mu Triode	26	4D	5.0F	0.25	Class A Amplifier
40KD6	Beam Power Tube	16C	12GW	40	0.45	Horizontal Deflection Amplifier
41	Power Pentode	22 or 13H	6B	6.3	0.4	Amplifier
42	Power Pentode	28	6B	6.3	0.7	Amplifier
42EC4A/ PY500	Half-Wave Rectifier	35C	6EC4	42	0.3	Television Damper Service
43	Power Pentode	28	6B	25.0	0.3	Amplifier
45	Power Triode	26	4D	2.5F	1.5	Class A Amplifier
45Z3	Half-Wave Rectifier	5C	5AM	45.0	0.075	Half-Wave Rectifier
45Z5GT	Half-Wave Rectifier Heater Tap for Pilot	13D	6AD Pilot	45.0 Between Pins 2 and 3	0.15	With Capacitive-Input Filter
46	Dual-Grid Power Amplifier	27B	5C	2.5F	1.75	Class A Amplifier
47	Power Pentode	27B	5B	2.5F	1.75	Class A Amplifier
48	Power Tetrode	27B	6A	30.0	0.4	Class A Amplifier
49	Dual-Grid Power Amplifier	26	5C	2.0F	0.12	Class A Amplifier
50	Power Triode	29L	4D	7.5F	1.25	Class A Amplifier
50A5	Beam Power Tube	12C	6AA	50.0	0.15	Class A Amplifier
50B5	Beam Power Tube	5D	7BZ	50	0.15	Class A Amplifier
50C6G	Beam Power Tube	25	7AC	50.0	0.15	Single-Tube Class A Amplifier
50DC4	Half-Wave Rectifier	5D	5BQ	50	0.15	With Capacitive-Input Filter
50FE5	Beam Power Tube	13G	8KB	50.0	0.15	Class A Amplifier
50FK5	Power Pentode	5D	7CV	50.0	0.1	Class A Amplifier
50HC6	Power Pentode	5D	7FZ	50	0.15	Class A Amplifier
50JY6	Beam Power Tube	14L	8MG	50	0.5	Horizontal Deflection Amplifier
50X6	Rectifier-Doubler	12C	7DX	50.0	0.15	Rectifier-Doubler
50Y6GT	Rectifier-Doubler	13D	7Q	50.0	0.15	Rectifier-Doubler
50Y7GT	Rectifier-Doubler Heater Tap for Pilot	13D	8AN Pilot	50.0 Between Pins 6 and 7	0.15	Voltage Doubler Half-Wave Rectifier
50Z7G	Rectifier-Doubler Heater Tap for Pilot	22	8AN Pilot	50.0 Between Pins 6 and 7	0.15	Voltage Doubler Half-Wave Rectifier
53	High-Mu Twin Power Triode	26	7B	2.5	2.0	Amplifier

Plate Volts	Grid Bias or Cathode Resistor	Screen Grid Volts	Screen Grid Cur- rent mA	Plate Cur- rent mA	AC Plate Resist- ance Ohms	Trans- conduct- ance Micromhos	Amplifi- cation Factor	Power		RCA Type	
								Load Ohms	Out- put Watts		
For other characteristics, refer to Type 35W4										35Y4	
For other ratings, refer to Type 35Z5GT										35Z3	
Max. DC Output mA, 100					Min. Total Effective Plate-Supply Impedance: Up to 117 volts, 15 ohms; at 235 volts, 100 ohms					35Z4GT	
100	— 1.5V	55	—	1.8	550000	850	—	—	—	36	
250	— 3V	90	1.7	3.2	550000	1080	—	—	—	36	
AC Plate Volts (RMS), 117					Max. Peak Inverse Volts, 365					36AM3	
Max. DC Output mA, 82					Tube Voltage Drop for Plate mA, 150, 20 volts					36AM3A	
Max. AC Plate Volts (RMS), 120					Max. Peak Inverse Volts, 365					36AM3B	
Max. DC Output mA, 82					Tube Voltage Drop for Plate mA, 150, 16 volts					36AM3B	
250	—18V	—	—	7.5	8400	1100	9.2	—	—	37	
250	—25V	250	3.8	22.0	100000	1200	—	10000	2.50	38	
250	{ — 3V min. }	90	1.4	5.8	1.0	1050	—	—	—	39/44	
180	— 3V	—	—	0.2	150000	200	30	—	—	40	
For other characteristics, refer to Type 6KD6										40KD6	
For other characteristics, refer to Type 6K6GT										41	
For other characteristics, refer to Type 6F6G										42	
For other characteristics, refer to Type 6EC4A/EY500										42EC4A/ PY500	
For other characteristics, refer to Type 25A6										43	
275	—56V	—	—	36.0	1700	2050	3.5	4600	2.00	45	
Max. Peak Inverse Volts, 350					Max. DC Output mA, 65		Max. Peak Plate mA, 390				45Z3
For other ratings, refer to Type 35Z5GT										45Z5GT	
250	—33V	—	—	22	2380	2350	5.6	6400	1.25	46	
250	450Ω	250	6.0	31	60000	2500	—	7000	2.7	47	
125	—20V	100	9.5	56	—	3900	—	1500	2.5	48	
135	—20V	—	—	6.0	4175	1125	4.7	11000	0.17	49	
450	—84V	—	—	55	1800	2100	3.8	4350	4.6	50	
For other characteristics, refer to Type 50L6GT										50A5	
For other characteristics, refer to Type 50C5										50B5	
135	—13.5V	135	3.5	58	9300	7000	—	2000	3.6	50C6G	
200	—14V	135	2.2	61	18300	7100	—	2600	6	50C6G	
AC Plate Volts (RMS) 117					DC Output mA, 110					50DC4	
Max. Peak Inverse Plate Volts, 330					Max. Peak Plate mA, 720					50DC4	
For other characteristics, refer to Type 6FE5										50FE5	
110	62Ω	115	8.5	32	14000	12800	—	3000	1.2	50FK5	
110	62Ω	115	11.5	42	11000	14600	—	3000	1.4	50HC6	
Max. DC Plate Volts, 275					Max. DC Cathode mA, 220					50JY6	
Max. Peak Positive-Pulse Plate Volts, 7700					Max. Plate Dissipation, 13 watts					50JY6	
For other ratings, refer to Type 25Z6GT										50X6	
For other ratings, refer to Type 25Z6GT										50Y6GT	
Max. AC Volts per Plate (RMS), 117					Min. Total Effective Plate-Supply Impedance per Plate, 15 ohms					50Y7GT	
Max. DC Output mA, 65					Min. Total Effec. Plate-Supply Imped. per Plate: At 117 volts, 15 ohms; at 150 volts, 40 ohms; at 235 volts, 100 ohms					50Y7GT	
Max. AC Volts per Plate (RMS), 235					Max. DC Output mA, 65					50Z7G	
Max. DC Output mA per Plate, 65					Max. DC Output mA per Plate, 65					50Z7G	
For other characteristics, refer to Type 6N7										53	