

RCA Type	Name	Out-line	Terminal Dia-gram	Heater or Filament (F)		Use Values to right give operating conditions and characteristics for indicated typical use
				Volts	Amperes	
				70L7GT	Rectifier-Beam Power Tube	
75	Twin Diode—High-Mu Triode	24B	6G	6.3	0.3	Amplifier
78	Remote-Cutoff Pentode	24B	6F	6.3	0.3	Amplifier Mixer
80	Full-Wave Rectifier	28	4C	5.0F	2.0	With Capacitive-Input Filter With Inductive-Input Filter
83♦	Full-Wave Mercury-Vapor Rectifier	27B	4C	5.0	3.0	With Capacitive-Input Filter With Inductive-Input Filter
84/6Z4	Full-Wave Rectifier	22 or 13H	5D	6.3	0.5	With Capacitive-Input Filter With Inductive-Input Filter
117L7 GT/M7GT	Rectifier-Beam Power Tube	13F	8A0	117	0.09	Amplifier Unit as Class A Amplifier Half-Wave Rectifier
117N7 GT	Rectifier-Beam Power Tube	13F	8AV	117	0.09	Amplifier Unit as Class A Amplifier Half-Wave Rectifier
117P7 GT	Rectifier-Beam Power Tube	13F	8AV	117	0.09	
117Z3	Half-Wave Rectifier	5D	4CB	117	0.04	With Capacitive-Input Filter
117Z4 GT	Half-Wave Rectifier	29F	5AA	117	0.04	With Capacitive-Input Filter
117Z6 GT	Rectifier-Doubler	13D	7Q	117	0.075	Voltage Doubler Half-Wave Rectifier
407A♦	Medium-Mu Twin Triode	6A	407A	40 20	0.05 0.1	Class A Amplifier
408A♦	Sharp-Cutoff Pentode	5B	7BD	20	0.05	Class A Amplifier
884♦	Gas Triode	22	6Q2	6.3	0.6	Relaxation Oscillator Grid-Controlled Rectifier
955♦	Medium-Mu Triode	acorn	5BC	6.3	0.15	AF and RF Amplifier
959♦	Pentode	acorn	5BE	1.25F	0.05	Class A Amplifier
991♦	Glow-Discharge Tube	Double Contact Candelabra	991	—	—	Voltage Regulator
1612♦	Pentagrid Amplifier	3	7T	6.3	0.3	Class A Amplifier
1614♦	Beam Power Tube	4	7S	6.3	0.9	Class A, AB Amplifier
1619♦	Beam Power Tube	4	7AW	2.5F	2.0	Class AB, C Amplifier
1620♦	Sharp-Cutoff Pentode	3	7R	6.3	0.3	Class A Amplifier
1621♦	Power Pentode	2B	7S	6.3	0.7	Class A Amplifier
1622♦	Beam Power Tube	4	7S	6.3	0.9	Class AB, C Amplifier
1629♦	Electron-Ray Tube	13H	7AL	12.6	0.15	Visual Indicator
1635♦	High-Mu Twin Power-Triode	13D	8B	6.3	0.6	Power Amplifier
2076/ 5R4GB♦	Full-Wave Rectifier	17D	5T	5F	2	
2081/ 6AW8A♦	High-Mu Triode—Sharp-Cutoff Pentode	6E	9DX	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier

♦ Industrial type

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- conduc- tance Micromhos	Amplifi- cation Factor	Power		RCA Type
								Ohms	Out- put Watts	
110	— 7.5V	110	3.0	40.0	15000	7500	—	2000	1.8	70L7GT
Max. Peak Inverse Volts, 350		Max. DC Output mA, 70			Max. Peak Plate mA, 420					
		Min. Total Effect. Plate-Supply Imped., 15 ohms								
For other characteristics, refer to Type 6SQT										75
For other characteristics, refer to Type 6K7										78
AC Volts per Plate (RMS), 350		DC Output mA, 125			Min. Total Effect. Supply Imped. per Plate, 50 ohms					
Max. Peak Inverse Volts, 1400		Max. Peak Plate mA, 440								
AC Volts per Plate (RMS), 500		Max. DC Output mA, 125			Min. Value of Input Choke, 10 henries					
Max. Peak Inverse Volts, 1400		Max. Peak Plate mA, 440								
Max. AC Volts per plate (RMS) 450		Max. DC Output Current, 225mA			Condenser = 40 μF (max.)					
Max AC Volts per plate (RMS) 500		Max. DC Output Current, 225mA			Choke = 3 henries (min.)					
AC Volts per Plate (RMS), 325		DC Output mA, 60			Total Effect. Supply Imped. per Plate, 150 ohms					
Max. Peak Inverse Volts, 1250		Max. Peak Plate mA, 180								
AC Volts per Plate (RMS), 450		Max. DC Output mA, 60			Value of input Choke, 10 henries					
Max. Peak Inverse Volts, 1250		Max. Peak Plate mA, 180								
105	— 5.2V	105	4	43	17000	5300	—	4000	0.85	117L7GT/M7GT
Max. AC Plate Volts (RMS), 117		Max. DC Output mA, 75			Min. Total Effect. Plate-Supply Imped., 15 ohms					
Maff. Peak Inverse Volts, 350		Max. Peak Plate mA, 450								
100	— 6V	100	5	51	16000	7000	—	3000	1.2	117N7GT
Max. AC Plate Volts (RMS), 117		Max. DC Output mA, 75			Min. Total Effect. Plate-Supply Impedance, 15 ohms					
Max. Peak Inverse Volts, 350		Max. Peak Plate mA, 450								
For other characteristics, refer to Type 117L7/M7GT										117P7GT
Max. Peak Inverse Volts, 330		Max. DC Output mA, 90			Min. Total Effect. Plate-Supply Imped., 20 ohms					
		Max. Peak Plate mA, 540								
Max. Peak Inverse Volts, 350		Max. DC Output mA, 90			Min. Total Effect. Plate-Supply Imped., 30 ohms					
		Max. Peak Plate mA, 540								
AC Volts per Plate (RMS), 117		Min. Total Effective Plate-Supply Impedance per Plate:								
DC Output mA, 60		Half-Wave, 30 ohms; Full-Wave, 15 ohms								
AC Volts per Plate (RMS), 235		Min. Total Effect. Supply Imped. per Plate: At 117								
DC Output mA per Plate, 60		volts, 15 ohms; at 150 volts, 40 ohms; at 235 volts, 100 ohms								
150	240Ω	—	—	8.2	6350	5500	35	(each unit)		407A♦
120	200Ω	120	2.2	7	340000	5000	—	—	—	408A♦
	300 max	—	—	300 max (peak)	Average Anode Current = 75 mA (max.)					
	350 max	—	—	300 max (peak)						
250	—7	—	—	6.3	11400	2200	25	—	—	955♦
135	—3	67.5	0.4	1.7	800000	600	—	—	—	959♦
48-67	—	—	—	2	—	—	—	—	—	991♦
250	—3	100	6.5	5.3	600000	1100	Grid-No.3 Bias = -3V		—	1612♦
For other characteristics, refer to Type 6L6, 6L6GC										1614♦
300	—10	200	4	44	8800	—	—	—	3	1619♦
For other characteristics, refer to Type 6J7										1620♦
For other characteristics, refer to Type 6F6G										1621♦
For other characteristics, refer to Type 6L6, 6L6GC										1622♦
For other characteristics, refer to Type 6E5										1629♦
300	0	—	—	6.6	—	*(plate to plate)		12000*	10.4	1635♦
For other characteristics refer to Type 5R4GB. Horizontal operating position requires pins 1 and 4 in vertical plane.										2076/5R4GB♦
For other characteristics, refer to Type 6AW8										2081/6AW8♦