

RCA Type	Name	Out- line	Terminal Dia- gram	Heater or Filament (F)		Use Values to right give operat- ing conditions and character- istics for indicated typical use
				Volts	Amperes	
1L6	Pentagrid Converter	5C	7DC	1.4F	0.05	Converter
1LA4	Power Pentode	12B	5AD	1.4F	0.05	Amplifier
1LA6	Pentagrid Converter	12B	7AK	1.4F	0.05	Converter
1LB4	Power Pentode	12B	5AD	1.4F	0.05	Class A Amplifier
1LC5	Sharp-Cutoff Pentode	12B	7AO	1.4F	0.05	Class A Amplifier
1LC6	Pentagrid Converter	12B	7AK	1.4F	0.05	Converter
1LD5	Diode—Sharp-Cutoff Pentode	12B	6AX	1.4F	0.05	Pentode Unit as Class A Amplifier
1LE3	Medium-Mu Triode	12B	4AA	1.4F	0.05	Class A Amplifier
1LG5	Remote-Cutoff Pentode	12B	7AO	1.4F	0.05	Class A Amplifier
1LH4	Diode—High-Mu Triode	12B	5AG	1.4F	0.05	Triode Unit as Class A Amplifier
1LN5	Sharp-Cutoff Pentode	12B	7AO	1.4F	0.05	Class A Amplifier
★1N2A	Half-Wave Rectifier	19A	3C	1.25F	0.2	Pulsed Rectifier in TV Receivers
1N5GT	Sharp-Cutoff Pentode	14A	5Y	1.4F	0.05	Class A Amplifier
1N6G	Diode—Power Pentode	29A	7AM	1.4F	0.05	Pentode Unit as Class A Amplifier
1P5GT	Remote-Cutoff Pentode	14A	5Y	1.4F	0.05	Class A Amplifier
1Q5GT	Beam Power Tube	13D	6AF	1.4F	0.1	Class A Amplifier
1R5	Pentagrid Converter	5C	7AT	1.4F	0.05	Converter
★1S2A/ DY87	Half-Wave Rectifier	7F	9DT	1.4	0.55	Pulsed Rectifier in TV Receivers
1S4	Power Pentode	5C	7AV	1.4F	0.1	Class A Amplifier
1S5	Diode—Sharp-Cutoff Pentode	5C	6AU	1.4F	0.05	Pentode Unit as AF Amplifier
1T4	Remote-Cutoff Pentode	5C	6AR	1.4F	0.05	Class A Amplifier
1T5GT	Beam Power Tube	13D	6X	1.4F	0.05	Class A Amplifier
1T6	Diode—Sharp-Cutoff Pentode	29A	8DA	1.25F	0.04	Pentode Unit as Class A Amplifier
1U4	Sharp-Cutoff Pentode	5C	6AR	1.4F	0.05	Class A Amplifier
1U5	Diode—Sharp-Cutoff Pentode	5C	6BW	1.4F	0.05	Pentode Unit as Class A Amplifier
1V	Half-Wave Rectifier	22 or 13H	4G	6.3	0.3	With Capacitive-Input Filter
★1X2A	Half-Wave Rectifier	7A	9Y	1.25F	0.2	Pulsed Rectifier in TV Receivers
1X2B						Class A Amplifier
★1X2B/ 1X2A	Half-Wave Rectifier	7A	9Y	1.25F	0.2	Pulsed Rectifier in TV Receivers
2A3	Power Triode	27B	4D	2.5F	2.5	Push-Pull Class AB <sub>1</sub> Amplifier
2A5	Power Pentode	28	6B	2.5	1.75	Amplifier
2A6	Twin Diode—High-Mu Triode	24B	6G	2.5	0.8	Triode Unit as Amplifier
2A7	Pentagrid Converter	24B	7C	2.5	0.8	Converter

★ See Safety Precautions at end of this section.

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
								Load Ohms	Out- put Watts	
90	0V	45	0.6	0.5	650000	Anode-Grid (2): 90 max. volts, 1.2 mA Oscillator-Grid (1) Resistor, 0.2 MΩ Conversion Transcond., 300 micromhos			1L6	
For other characteristics, refer to Type 1A5GT										1LA4
90	0V	65	0.6	0.55	750000	Total Cathode mA, 4 Conversion Transcond. (for grid-No. 4 bias of -3 volts), 10 micromhos			1LA6	
For other characteristics, refer to Pentode Unit of Type 1D8GT										1LB4
45	0V	45	0.35	1.10	700000	750	—	—	—	1LC5
90	0V	45	0.30	1.15	1 M	775	—	—	—	
45	0V	35	0.75	0.70	300000	Anode-Grid (2): 50 max. volts, 1.4 mA Oscillator-Grid (1) Resistor, 0.2 MΩ Conversion Transcond., 275 micromhos			1LC6	
90	0V	35	0.70	0.75	650000					
90	0V	45	0.1	0.6	750000	575	—	—	—	1LD5
90	0V	—	—	4.5	11200	1300	14.5	—	—	1LE3
90	-3V	—	—	1.4	19000	760	14.5	—	—	
90	0V	45	0.4	1.7	1 M	800	—	—	—	1LG5
90	-1.5V	90	0.9	3.7	500000	1150	—	—	—	
For other characteristics, refer to Type 1H5GT										1LH4
90	0V	90	0.35	1.6	1.1 M	800	—	—	—	1LN5
Max. Peak Inverse Plate Volts (Total DC and Peak), 28000					Max. Average Plate mA, 0.5					1N2A
Max. Peak Plate mA, 50										
0V	90	0.3	1.2	1.5 M	750	—	—	—	90	1N5GT
90	-4.5V	90	0.6	3.1	300000	800	—	25000	0.1	1N6G
90	0V	90	0.7	2.3	800000	750	—	—	—	1P5GT
110	-6.6V	110	1.4	10	100000	2200	—	8000	0.4	1Q5GT
45	0V	45	2.1	0.7	400000	Conversion Transcond., 210 μmhos			1R5	
90	0V	67.5	3.5	1.5	500000	Conversion Transcond., 280 μmhos				
Max. Peak Inverse Plate Volts, 22000					Max. Average Plate mA, 0.8					1S2A/ DY87
Max. Peak Plate mA, 40										
45	-4.5V	45	0.8	3.8	100000	1250	—	8000	0.065	1S4
90	-7V	67.5	1.4	7.4	100000	1575	—	8000	0.27	
Plate Supply, 90 V applied through 1 MΩ resistor. Screen Supply, 90 V applied through 3.1 MΩ resistor. Grid Bias, 0 volts. Grid Resistor, 10 megohms. Voltage Gain, 66 approx.										
45	0V	45	0.7	1.7	350000	700	—	—	—	1T4
90	0V	67.5	1.4	3.5	500000	900	—	—	—	1T5GT
90	-6V	90	0.8	6.5	250000	1150	—	14000	0.17	
45	0V	45	0.21	0.75	500000	475	—	—	—	1T6
67.5	0V	67.5	0.4	1.6	400000	600	—	—	—	1U4
90	0V	90	0.50	1.1	1 M	900	—	—	—	
67.5	0V	67.5	0.4	1.6	600000	625	—	—	—	1U5
Max. AC Plate Volts (RMS), 325					Min. Total Effective Plate-Supply Impedance: Up to 117 volts, 0 ohms; at 150 volts, 30 ohms; at 325 volts, 75 ohms					1V
Max. DC Output mA, 45										1X2A
Max. Peak Inverse Plate Volts, 20000					Max. Average Plate mA, 0.5					
Max. Peak Plate mA, 45										1X2B 1X2B/ 1X2A
Max. Peak Inverse Plate Volts, 22000					Max. Average Plate mA, 0.5					
250	-45V	—	—	60.0	800	5250	4.2	2500	3.5	2A3
300	780Ω□	—	—	80.0□	—	—	—	5000	10.0†	
300	-62V	—	—	80.0□	—	—	—	3000	15.0†	
For other characteristics, refer to Type 6F6G										2A5
For other characteristics, refer to Type 6SQ7										2A6
For other characteristics, refer to Type 6A8										2A7

† For two tubes at stated plate-to-plate load.

□ For two tubes.