

Characteristics Entertainment and Industrial

Key to Chart: Type numbers shown in light face are discontinued types. Type numbers shown in bold face are available for replacement use, but are not recommended for new equipment design. Outline numbers refer to diagrams shown in

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	
0A2WA ♦	Glow-Discharge Tube	5D	5B0	—	—	Voltage Regulator
0A3 ♦	Glow-Discharge Tube	22	4AJ	—	—	Voltage Regulator
0A3A ♦		13C				
0A4A ♦	Gas-Triode	22	4V	—	—	Relay Circuits
0B2WA ♦	Glow-Discharge Tube	5D	5B0	—	—	Voltage Regulator
0C2 ♦	Glow-Discharge Tube	5D	5B0	—	—	Voltage Regulator
0C3A ♦	Glow-Discharge Tube	13C	4AJ	—	—	Voltage Regulator
0D3A ♦	Glow-Discharge Tube	13C	4AJ	—	—	Voltage Regulator
0Z4	Full-Wave Gas Rectifier	2A	4R	—	—	Rectifier
0Z4G	Full-Wave Gas Rectifier	29D	4R	—	—	Rectifier
1A3	Diode	5C	5AP	1.4	0.15	Rectifier
1A4P	Remote-Cutoff Pentode	24B	4M	2.0F	0.06	Class A Amplifier
1A5GT	Power Pentode	13D	6X	1.4F	0.05	Class A Amplifier
1A6	Pentagrid Converter	24B	6L	2.0F	0.06	Converter
1A7GT	Pentagrid Converter	14A	7Z	1.4F	0.05	Converter
1AC5	Power Converter	29A	8CP	1.25F	0.04	Class A Amplifier
★1AD2	Half-Wave Rectifier	9A	12GV	1.25F	0.2	Pulsed Rectifier in TV Receivers
1AD5	Sharp-Cutoff Pentode	29A	8CP	1.25F	0.04	Class A Amplifier
1AX2	Half-Wave Rectifier	7A	9Y	1.4F	0.65	Pulsed Rectifier in TV Receivers
★1AY2	Half-Wave Rectifier	33A	1AY2	1.25F	0.2	Pulsed Rectifier in TV Receivers
★1B3GT	Half-Wave Rectifier	14E	3C	1.25F	0.2	Pulsed Rectifier in TV Receivers
1B4P	Sharp-Cutoff Pentode	24B	4M	2.0F	0.06	Class A Amplifier
1B5/ 25S	Twin Diode—Medium-Mu Triode	22 or 13H	6M	2.0F	0.06	Triode Unit as Class A Amplifier
1B7GT	Pentagrid Converter	14A	7Z	1.4F	0.10	Converter

♦ Industrial type

★ See Safety Precautions at end of this section.

Chart for RCA Receiving Tubes

the Outlines section in the Manual (see Table of Contents on page two. Terminal diagrams are included in numerical-alphabetical order in Terminal Diagram section. (See Table of Contents).

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	
For other characteristics, refer to Type OA2										OA2WA*
75	—	—	—	5-40	—	—	—	—	—	OA3* OA3A*
130	—	—	—	25	—	—	—	—	—	OA4A*
For other characteristics, refer to Type OB2										OB2WA*
75	—	—	—	5-30	—	—	—	—	—	OC2*
For other characteristics, refer to Type OC3										OC3A*
For other characteristics, refer to Type OD3										OD3A*
Starting-Supply Voltage per Plate, 300 min. peak volts DC Output Current, 75 max., 30 min. mA							Peak Plate Current, 200 max. mA DC Output Voltage, 300 max. volts			OZ4
Starting-Supply Voltage per Plate, 300 min. peak volts DC Output Current, 75 max., 30 min. mA							Peak Plate Current, 200 max. mA DC Output Voltage, 300 max. volts			OZ4G
Max. Peak Plate Inverse Volts, 330 Max. Peak Plate mA, 5							Max. DC Output mA, 0.5 Max. Peak Heater-Cathode Volts, 140			1A3
For other characteristics, refer to Type 1D5GP										1A4P
85	— 4.5V	85	0.7	3.5	300000	800	—	25000	0.100	1A5GT
90	— 4.5V	90	1.1	4.0	300000	850	—	25000	0.115	
135	— 3V	67.5	2.5	1.2	400000	Anode-Grid (2): 180 max. volts				1A6
180	— 3V	67.5	2.4	1.3	500000	2.3 mA Oscillator-Grid (1) Resistor.				
90	0V	45	0.7	0.6	600000	Anode-Grid (2): 90 volts, 1.2 mA Oscillator-Grid (1) Resistor, 0.2 M Ω Conversion Transcond., 250 micromhos				1A7GT
45	— 3V	45	0.2	1.0	170000	600	—	40000	0.015	1AC5
67.5	— 4.5V	67.5	0.4	2.0	150000	750	—	25000	0.050	
Max. Peak Inverse Plate Volts, 26000 Max. Peak Plate mA, 50							Max. Average Plate mA, 0.5			1AD2
30	0V	30	0.16	0.45	700000	430	—	—	—	1AD5
67.5	0V	67.5	0.75	1.85	700000	735	—	—	—	
Max. Peak Inverse Plate Volts, 25000 Max. Peak Plate mA, 45							Max. Average Plate mA, 0.5			1AX2
Max. Peak Inverse Plate Volts, 26000 Max. Peak Plate mA, 50							Max. Average Plate mA, 0.5			1AY2
Max. Peak Inverse Plate Volts, 26000 Max. Peak Plate mA, 50							Max. Average Plate mA, 0.5			1B3GT
For other characteristics, refer to Type 1E5GP										1B4P
For other characteristics, refer to Type 1H6G										1B5/ 25S
For other characteristics, refer to Type 1A7GT										1B7GT