RCA Type	Name	Outline	Terminal Diagram	Heater or Filament (F) Volts	Amperes	Use Values to right give operating conditions and characteristics for indicated typical use
★3BL2 ★3BL2A	Half-Wave Rectifier	9B	12HK	3.3F	0.285	Pulsed Rectifier in TV Receivers
★3BM2	Half-Wave Rectifier	9B	12HK	3F	0.3	Pulsed Rectifier in TV Receivers
★3BN2 ★3BN2A	Half-Wave Rectifier	9B	12FV	3.15	0.3	Flyback Rectifiers in TV Receivers
3BN4	Medium-Mu Triode	5C	7EG	3.0	0.45	Class A Amplifier
★3BS2A	Half-Wave Rectifier	9B	12HY	3.15	0.48	Flyback Rectifiers in TV Receivers
3BU8	Sharp-Cutoff Twin Pentode	6E	9FG	3.15	0.6	Class A Amplifier (With both sections operating)
3BY6	Pentagrid Amplifier	5C	7CH	3.15	0.6	Class A Amplifier
★3CA3	Half-Wave Rectifier	14E	8MH	3.6	0.225	Pulsed Rectifier in TV Receivers
3CE5	Sharp-Cutoff Pentode	5C	7BD	3.15	0.6	Class A Amplifier
3CF6	Sharp-Cutoff Pentode	5C	7CM	3.15	0.6	Class A Amplifier
★3CN3A	Half-Wave Rectifier	14F	8MU	3.15	0.48	Flyback Rectifiers in TV Receivers
★3CX3	Half-Wave Rectifier	14G	8MT	3.15	0.48	Pulsed Rectifier in TV Receivers
★3DA3/ 3DH3	Half-Wave Rectifier	14G	8MY	3.15	0.48	Pulsed Rectifiers in TV Receivers
★3DR3	Half Wave Rectifier	29Q	8NL	3.15	0.3	Pulsed Rectifier in TV Receivers
★3DS3	Half-Wave Rectifier	29P	8NL	3.15	0.48	Pulsed Rectifier in TV Receivers
3DZ4	Medium-Mu Triode	5B	7DK	3.2	0.45	Class A Amplifier
3EA5	Sharp-Cutoff Tetrode	5C	7EW	2.9	0.45	Class A Amplifier
3EJ7	Sharp-Cutoff Pentode	6C	9AQ	3.4	0.6	Class A Amplifier
3FH5	High-Mu Triode	5C	7FP	3.0	0.45	Class A Amplifier
3GS8 3GS8/ 3BU8	Sharp-Cutoff Twin Pentode	6E	9LW	3.15	0.6	Class A Amplifier (With both sections operating)
3HA5	High-Mu Triode	5A	7GM	2.7	0.45	Class A Amplifier
3HS8	Sharp-Cutoff Twin Pentode	6E	9FG	3.15	0.6	Class A Amplifier (With both sections operating)
3JC6	Sharp-Cutoff Pentode	6B	9PM	3.5	0.6	Class A Amplifier
3JD6	Sharp-Cutoff Pentode	6B	9PM	3.5	0.6	Class A Amplifier
3LF4	Beam Power Tube	12B	6BA	1.4F 2.8F	0.1 0.05	Class A Amplifier
3Q4	Power Pentode	5C	7BA	1.4F 2.8F	0.1 0.05	Class A Amplifier
3Q5GT	Beam Power Tube	13D	7AP	1.4F 2.8F	0.1 0.05	Class A Amplifier
3S4	Power Pentode	5C	7BA	1.4F 2.8F	0.1 0.05	Class A Amplifier
3V4	Power Pentode	5C	6BX	1.4F 2.8F	0.1 0.05	Class A Amplifier
4BC5	Sharp-Cutoff Pentode	5C	7BD	4.2	0.45	Class A Amplifier
4BL8	Medium-Mu Triode— Sharp-Cutoff Pentode	6B	9DC	4.6	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
4BQ7A/ 4BZ7	Medium Mu Twin Triode	6B	9AJ	4.2	0.6	Each Unit as Class A Amplifier
4BS8	Medium-Mu Twin-Triode	6B	9AJ	4.6	0.6	Class A Amplifier
4BU8	Sharp-Cutoff Twin Pentode	6E	9FG	4.2	0.45	Class A Amplifier (With both sections operating)

★ See Safety Precautions at end of this section.

Plate Volts	Grid Bias or Cathode Resistor	Screen Grid Volts	Screen Grid Current mA	Plate Current mA	AC Plate Resistance Ohms	Transconductance Micromhos	Amplification Factor	Power Load Ohms	Power Output Watts	RCA Type
	Max. Peak Inverse Plate Volts, 33000 Max. Peak Plate mA, 100						Max. Average Plate mA, 2			3BL2 **3BL2A**
	Max. Peak Inverse Plate Volts, 33000 Max. Peak Plate mA, 100						Max. Average Plate mA, 2			**3BM2**
	Max. Peak Inverse Plate Volts, 30000 Max. Peak Plate mA, 88						Max. Average Plate mA, 1.7			3BN2 **3BN2A**
	For other characteristics, refer to Type 6BN4									3BN4
	Max. Peak Inverse Plate Volts, 38000 Max. Peak Plate mA, 110						Max. Average Plate mA, 2.2			3BS2A
100	—	67.5	6.5	—	—	—	—	—	—	3BU8
100	—	67.5	3.3	2.2	—	—	—	—	—	
	For other characteristics, refer to Type 6BY6									3BY6
	Max. Peak Inverse Plate Volts, 30000 Max. Peak Plate mA, 100						Max. Average Plate mA, 2			3CA3
	For other characteristics, refer to Type 6CE5									3CE5
	For other characteristics, refer to Type 6CF6									3CF6
	Max. Peak Inverse Plate Volts, 38000 Max. Peak Plate mA, 110						Max. Average Plate mA, 2.2			3CN3A
	For other characteristics, refer to Type 3DA3/3DH3									**3CX3**
	Max. Peak Inverse Plate Volts, 38000 Max. Peak Plate mA, 110						Max. Average Plate mA, 2.2			**3DA3/ 3DH3**
	Max. Peak Inverse Plate Volts, 38000 Max. Peak Plate mA, 100						Max. Average Plate mA, 2			**3DR3**
	For other characterstics, refer to type 3DA3/3DH3									**3DS3**
	For other characteristics, refer to Type 2DZ4									**3DZ4**
250	—1V	140	0.95	10	150000	8000	—	—	—	3EA5
190	— 2.35V	190	4.1	10	350000	15000	—	—	—	3EJ7
200	— 2.5V	200	4.1	10	350000	15000	—	—	—	
	For other characteristics, refer to Type 6FH5									3FH5
	For other characteristics, refer to Type 4GS8/4BU8									3GS8 3GS8/ 3BU8
135	87Ω	—	10	19	1000	20000	80	—	—	3HA5
			—	11.5	5600	14500	72			
100	—	67.5	7	—	—	—	—	—	—	**3HS8**
100	—	67.5	4.4	2	—	—	—	—	—	
125	56Ω	125	3.2	13	180000	15000	—	—	—	3JC6
125	56Ω	125	3.4	14	180000	16000	—	—	—	
	For other characteristics, refer to Type 6JD6									3JD6
	For other characteristics, refer to Type 3Q5GT									3LF4
	For other characteristics, refer to Type 3V4									**3Q4**
110	— 6.6V	110	1.4	10.0	100000	2200	—	8000	0.40	**3Q5GT**
110	— 6.6V	110	1.1	8.5	110000	2000		8000	0.33	
90	— 7V	67.5	1.4	7.4	100000	1575	—	8000	0.27	3S4
90	— 7V	67.5	1.1	6.1	100000	1425	—	8000	0.235	
90	— 4.5V	90	2.1	9.5	100000	2150	—	10000	0.27	**3V4**
90	— 4.5V	90	1.7	7.7	120000	2000	—	10000	0.24	
250	180Ω	150	2.1	7.5	800000	5700	—	—	—	4BC5
	For other characteristics, refer to Type 6BL8									4BL8
	For other characteristics, refer to Type 6BQ7A									4BQ7A/ 4BZ7
	For other characteristics, refer to Type 3BU8									4BS8
	For other characteristics, refer to Type 6BS8									4BU8