

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	
2AF4A 2AF4B	Medium-Mu Triode	5B	7DK	2.35	0.6	Class A Amplifier
★2AH2	Half-Wave Rectifier	9A	12DG	2.5	0.3	Pulsed Rectifier in TV Receivers
★2AS2	Half-Wave Rectifier	9B	12EW	2.5	0.33	Pulsed Rectifier in TV Receivers
2B7	Twin Diode—Remote-Cutoff Pentode	24B	7D	2.5	0.8	Pentode Unit as Amplifier
2BA2	Half-Wave Rectifier	6B	9U	1.8F	0.3	Flyback Rectifier in TV Receivers
★2BJ2	Half-Wave Rectifier	7A	9RT	2.3	0.3	Pulsed Rectifier in TV Receivers
★2BJ2A	Half-Wave Rectifier	7A	9RT	2.3	0.3	Pulsed Rectifier in TV Receivers
2BN4	Medium-Mu Triode	5C	7EG	2.3	0.6	Class A Amplifier
2D21W♦	Gas-Tetrode	5C	7BN	6.3	0.6	Thyratron
★2CN3A	Half-Wave Rectifier	14F	8MU	1.8	0.9	Flyback Rectifier in TV Receivers
2DZ4	Medium-Mu Triode	5B	7DK	2.35	0.6	Class A Amplifier
2E5	Electron-Ray Tube	22 or 13H	6R	2.5	0.8	Visual Indicator
2EN5	Twin Diode	5C	7FL	2.1	0.45	Horizontal Phase Detector
2ER5	High-Mu Triode	5C	7FP	2.3	0.6	Class A Amplifier
2FQ5A	High-Mu Triode	5C	7FP	2.3	0.6	Class A Amplifier
2GK5	High-Mu Triode	5C	7FP	2.3	0.6	Class A Amplifier
2GU5	Beam Hexode	5C	7GA	2.4	0.6	Class A Amplifier
★3A2	Half-Wave Rectifier	7A	9DT	3.15	0.22	Pulsed Rectifier in TV Receivers
★3A3 3A3/3B2	Half-Wave Rectifier	14E	8EZ	3.15	0.22	Pulsed Rectifier in TV Receivers
3A3A ★3A3A/ 3B2	Half-Wave Rectifier	14F	8EZ	3.15	0.22	Pulsed Rectifier in TV Receivers
★3A3B	Half-Wave Rectifier	14F	8EZ	3.15	0.22	Pulsed Rectifier in TV Receivers
3A4♦	Tetrode	5C	7BB	1.4F 2.8F	0.2 0.1	AF Power Amplifier
3A8GT	Diode-Triode—Pentode	29G	8AS	1.4F 2.8F	0.1 0.05	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
3AF4A	Medium-Mu Triode	5B	7DK	3.15	0.45	Class A Amplifier
★3AT2	Half-Wave Rectifier	9B	12FV	3.15	0.22	Pulsed Rectifier in TV Receivers
3AV6	Twin Diode—High-Mu Triode	5C	7BT	3.15	0.6	Triode Unit as Class A Amplifier
3AW2	Half-Wave Rectifier	9B	12EW	3.15	0.39	Pulsed Rectifier in TV Receivers
3AW3	Half-Wave Rectifier	14B	8EZ	3.15	0.22	Pulsed Rectifier in TV Receivers
3B2	Half-Wave Rectifier	21C	8GH	3.15	0.22	Pulsed Rectifier in TV Service
3B4WA♦	Beam Power Tube	5C	7CY	1.25F 2.50F	0.33 0.165	Class C Amplifier
3BA6	Remote-Cutoff Pentode	5C	7BK	3.15	0.6	Class A Amplifier
3BC5	Sharp-Cutoff Pentode	5C	7BD	3.15	0.6	Class A Amplifier
3BE6	Pentagrid Converter	5C	7CH	3.15	0.6	Converter

♦ Industrial type

★ 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- conduct- ance Micromhos	Amplifi- cation Factor	Power		RCA Type
								Load Ohms	Out- put Watts	
80	150Ω	—	—	17.5	2100	6500	13.5	—	—	2AF4A 2AF4B
Max. Peak Inverse Plate Volts, 30000							Max. Average Plate mA, 1.5		2AH2	
Max. Peak Plate mA, 80										
Max. Peak Inverse Plate Volts, 30000							Max. Average Plate mA, 1.5		2AS2	
Max. Peak Plate mA, 80										
For other characteristics, refer to Type 6B8G										2B7
Max. Peak Inverse Plate Volts, 8250							Max. Average Plate mA, 0.6		2BA2	
Max. Peak Plate mA, 50										
Max. Peak Inverse Plate Volts, 20000							Max. Average Plate mA, 1		2BJ2	
Max. Peak Plate mA, 80										
Max. Peak Inverse Plate Volts, 22000							Max. Average Plate mA, 1		2BJ2A	
Max. Peak Plate mA, 80										
150	220Ω	—	—	9	6300	6800	43	—	—	2BN4
For other characteristics, refer to Type 2D21										2D21W*
For other characteristics, refer to Type 3CN3A										2CN3A
80	—	—	—	15	2000	6700	14	—	—	2DZ4
For other characteristics, refer to Type 6E5										2E5
Max. Peak Heater-Cathode Volts, ±200							Max. DC Plate mA, 5		2EN5	
DC Volts Not to Exceed +100										
For other characteristics, refer to Type 6ER5										2ER5
For other characteristics, refer to type 6FQ5A										2FQ5A
For other characteristics, refer to Type 6GK5/6FQ5A										2GK5
For other characteristics, refer to Type 6GU5										2GU5
Max. Peak Inverse Plate Volts, 18000							Max. Average Plate mA, 1.5		3A2	
Max. Peak Plate mA, 80										
Max. Peak Inverse Plate Volts, 30000							Max. Average Plate mA, 1.7		3A3	
Max. Peak Plate mA, 88									3A3/3B2	
Max. Peak Inverse Plate Volts, 30000							Max. Average Plate mA, 2		3A3A	
Max. Peak Plate mA, 100									3A3A/ 3B2	
Max. Peak Inverse Plate Volts, 38000							Max. Average Plate mA, 2		3A3B	
Max. Peak Plate mA, 100										
150	-8.4V	90	2.2	133	100000	1900	—	8000	0.7	3A4*
90	0V	—	—	0.2	200000	325	65	—	—	3A8GT
90	0V	90	0.5	1.5	800000	750	—	—	—	3AF4A
For other characteristics, refer to Type 2AF4B										3AF4A
Max. Peak Inverse Plate Volts, 30000							Max. Average Plate mA, 1.7		3AT2	
Max. Peak Plate mA, 88										
For other characteristics, refer to Type 6AV6										3AV6
For other characteristics, refer to Type 3CZ3										3AW2
For other characteristics, refer to Type 3A3/3B2										3AW3
Max. Peak Plate mA, 80							Max. DC Inverse Plate Volts, 25000		3B2	
Max. Total DC & Peak Inverse Plate Volts, 35000 (Abs.)							Max. Average Plate mA, 1.1			
150	-38V	135	6.2	25	—	—	—	—	1.25	3B4WA*
100	68Ω	100	4.4	10.8	250000	4300	—	—	—	3BA6
250	68Ω	100	4.2	11	1 M	4400	—	—	—	
100	180Ω	100	1.4	4.7	600000	4900	—	—	—	3BC5
250	180Ω	150	2.1	7.5	800000	5700	—	—	—	
250	Self- Excited	100	6.8	2.9	1 M	Conversion Transcond., 475 μmhos Grid-No. 1 Resistor, 20000 ohms				3BE6