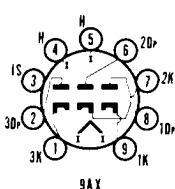
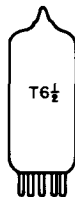


6BC7

Color Television Type

**DC RESTORER or FM DISCRIMINATOR
or AM DETECTOR****Triple Diode**

Construction Miniature T-6½
 Base Button 9 Pin, E9-1
 Basing 9AX
 Outline 6-2
 Maximum Diameter 0.875 In.
 Maximum Seated Height 1.938 In.
 Maximum Overall Height 2.188 In.

**ELECTRICAL DATA****HEATER OPERATION**

Heater Voltage.....	6.3 Volts
Heater Current	450 Ma
Maximum Heater-Cathode Voltage	200 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

Plate Diode No. 1 to All Other Elements	3.5 Pf
Plate Diode No. 2 to All Other Elements	5.5 Pf
Plate Diode No. 3 to All Other Elements	3.5 Pf

RATINGS (Design Center Rating System) (Each Section)

Peak Inverse Plate Voltage (Max.)	330 Volts
DC Output Current (Max.)	12 Ma
Peak Plate Current (Max.)	54 Ma

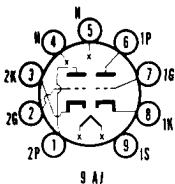
6BC8

4BC8

Color Television Type

VHF CASCODE AMPLIFIER**Medium Mu, Semi-Remote
Cutoff Twin Triode**

Construction Miniature T-6½
 Base Button 9 Pin, E9-1
 Basing 9AJ
 Outline 6-2
 Maximum Diameter 0.875 In.
 Maximum Seated Height 1.938 In.
 Maximum Overall Height 2.188 In.

**ELECTRICAL DATA****HEATER OPERATION**

Heater Voltage.....	4BC8 4.2	6BC8 6.3 Volts
Heater Current	600	400 Ma
Heater Warm-up Time	11	— Seconds

Maximum Heater-Cathode Voltage

Heater Negative with Respect to Cathode ⁽¹⁾ Total DC and Peak.....	200 Volts
--	-----------

Heater Positive with Respect to Cathode DC	100 Volts
Total DC and Peak.....	200 Volts

DIRECT INTERELECTRODE CAPACITANCES (Shielded)⁽²⁾

	Section 1	Section 2
Grid to Plate	1.2	1.2 Pf
Input	2.6	5.5 Pf
Output	1.3	2.4 Pf
Heater to Cathode	2.8	2.8 Pf
Plate Section No. 1 to Plate Section No. 2.....	0.02	Pf
Grid Section No. 1 to Grid Section No. 2 (Max.)	0.04	Pf

RATINGS (Design Maximum Rating System) (Each Section)

Plate Voltage (Max.) ⁽¹⁾	250 Volts
Plate Dissipation (Max.)	2.2 Watts
Cathode Current (Max.)	22 Ma
Grid Circuit Resistance (Max.)	0.5 Megohm

CHARACTERISTICS AND TYPICAL OPERATION (Each Section)**Class A1 Amplifier**

Plate Voltage	150 Volts
---------------------	-----------