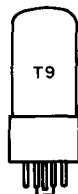
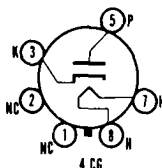


6AU4GTA**19AU4GTA**

Color Television Type

DAMPER**Heater-Cathode Diode**

Construction Octal T-9
 Base⁽¹⁾ Octal 5 or 6 Pin, B5-85 or B6-60
 Basing⁽¹⁾ 4CG
 Outline 9-44
 Maximum Diameter 1.188 In.
 Maximum Seated Height 3.250 In.
 Maximum Overall Height 3.813 In.

**ELECTRICAL DATA
HEATER OPERATION**

	19AU4GTA	6AU4GTA
Heater Voltage.....	18.9	6.3 Volts
Heater Current.....	600	1800 Ma
Heater Warm-up Time.....	11	— Seconds
Maximum Heater-Cathode Voltage		
Heater Negative with Respect to Cathode		
DC.....		900 Volts
Total DC and Peak.....		4500 Volts
Heater Positive with Respect to Cathode		
DC.....		100 Volts
Total DC and Peak.....		300 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

Heater to Cathode	4.0 Pf
Plate to Cathode and Heater.....	8.5 Pf
Cathode to Plate and Heater.....	11.5 Pf

RATINGS (Design Maximum Rating System)**Damper Diode⁽²⁾**

Peak Inverse Plate Voltage (Abs. Max.).....	4500 Volts
DC Plate Current (Max.).....	190 Ma
Steady State Peak Plate Current (Max.)	1150 Ma
Plate Dissipation (Max.).....	6.0 Watts

CHARACTERISTICS AND TYPICAL OPERATION**Damper Service—90° Deflection Scan System**

Peak Inverse Plate Voltage	3.65 Kv
Peak Heater-Cathode Voltage.....	3.9 Kv
Average Cathode Current	120 Ma
Peak Cathode Current	500 Ma
Boosted B+ Voltage	640 Volts
Plate Dissipation	2.8 Watts
Average Tube Voltage Drop for Ib = 350 Ma	25 Volts

NOTES:

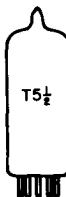
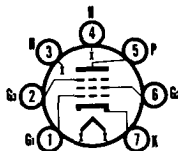
- (1) May be either 5 or 6 pin. Socket terminals No. 1 (if used), 2, 4, and 6 shall not be used as tie points. Pin No. 1 may be omitted on 5 pin base.
- (2) For operation in a 525-line, 30-frame system, the duty cycle of the horizontal voltage pulse must not exceed 15% of one horizontal scanning cycle. Power rectification service is not recommended.

6AU6A**3AU6, 4AU6, 12AU6**

Color Television Type

RF AMPLIFIER**Sharp Cutoff Pentode**

Construction Miniature T-5½
 Base Button 7 Pin, E7-1
 Basing 7BK
 Outline 5-2
 Maximum Diameter 0.750 In.
 Maximum Seated Height 1.875 In.
 Maximum Overall Height 2.125 In.



7BK