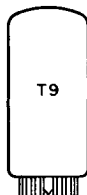
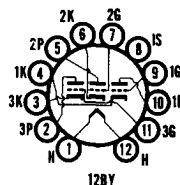


6AV11

Color Television Type

**AMPLIFIER, PHASE INVERTER
or OSCILLATOR****Triple Medium Mu Triode**

Construction.....Compactron T-9
 Base Button 12 Pin, E12-70
 Basing 12BY
 Outline 9-56
 Maximum Diameter 1.188 In.
 Maximum Seated Height 1.500 In.
 Maximum Overall Height 1.875 In.



6.3 Volts
600 Ma

ELECTRICAL DATA**HEATER OPERATION**

Heater Voltage.....
 Heater Current.....
 Maximum Heater-Cathode Voltage.....
 Heater Negative with Respect to Cathode.....
 Total DC and Peak.....200 Volts
 Heater Positive with Respect to Cathode.....
 DC.....100 Volts
 Total DC and Peak.....200 Volts

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

	Section 1	Section 2	Section 3
Grid to Plate (g to p).....	1.2	1.2	1.2 Pf
Input: g to (h + k + IS).....	1.9	1.9	1.9 Pf
Output: p to (h + k + IS).....	1.8	0.7	2.0 Pf

RATINGS (Design Maximum Rating System) (Each Section)

Plate Voltage (Max.).....330 Volts
 Plate Dissipation (Max.).....2.75 Watts
 Total Plate Dissipation (All Plates) (Max.).....6.0 Watts
 DC Cathode Current (Max.).....20 Ma
 Grid Circuit Resistance.....
 With Fixed Bias (Max.).....0.25 Megohm
 With Cathode Bias (Max.).....1.0 Megohm

CHARACTERISTICS AND TYPICAL OPERATION (Each Section)

	100	250 Volts
Plate Voltage.....	0	-8.5 Volts
Grid Voltage.....	20	17
Amplification Factor.....	6500	7700 Ohms
Plate Resistance (Approx.).....	3100	2200 μ mhos
Transconductance.....	11.8	10.5 Ma
Plate Current.....	—	-24 Volts
Grid Voltage (Approx.).....	—	—
Ib = 10 μ a.....	—	—

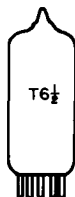
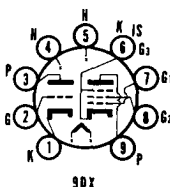
6AW8A

8AW8A

Color Television Type

**SYNC SEPARATOR (T)
VIDEO AMPLIFIER (P)****High Mu Triode and Sharp Cutoff Pentode**

Construction.....Miniature T-6½
 Base Button 9 Pin, E9-1
 Basing 9DX
 Outline 6-3
 Maximum Diameter 0.875 In.
 Maximum Seated Height 2.375 In.
 Maximum Overall Height 2.625 In.

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

	8AW8A	6AW8A
Heater Voltage.....	8.4	6.3 Volts
Heater Current.....	450	600 Ma
Heater Warm-up Time.....	11	11 Seconds
Maximum Heater-Cathode Voltage.....		
Heater Negative with Respect to Cathode.....		
Total DC and Peak.....		200 Volts