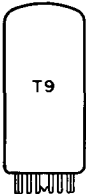
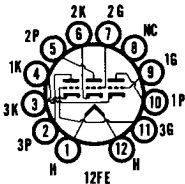


6U10

Color Television Type
GENERAL PURPOSE AMPLIFIER

**Two Medium Mu Triodes
and One High Mu Triode**

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



ELECTRICAL DATA

HEATER OPERATION

Heater Voltage.....	6.3 Volts
Heater Current.....	600 Ma
Heater Warm-up Time.....	11 Seconds
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

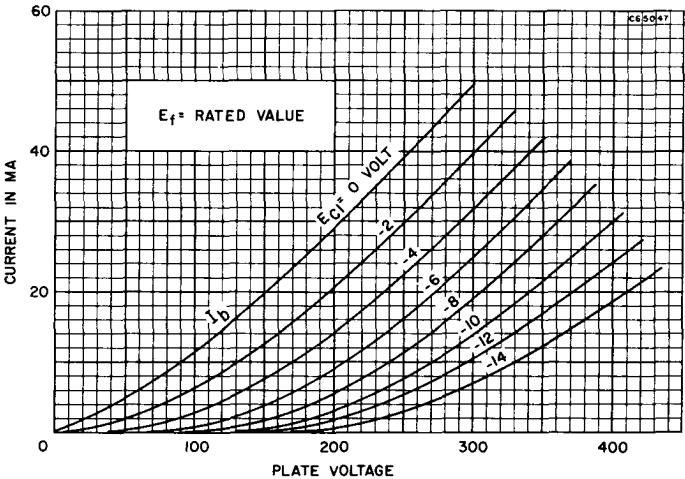
DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

	Section No. 1	Section No. 2	Section No. 3
Grid to Plate	1.3	1.3	1.2 Pf
Input: g to (h + k)	1.7	1.5	1.8 Pf
Output: p to (h + k)	0.26	0.28	0.9 Pf

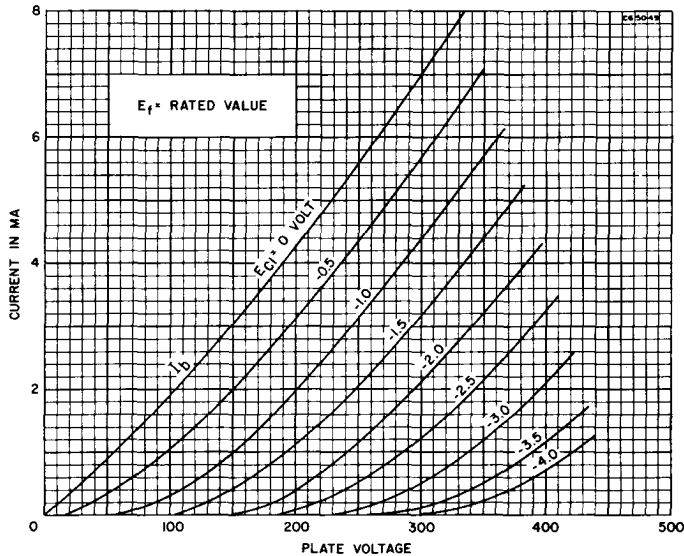
RATINGS (Design Maximum Rating System)

	Sections No. 1 and 3	Section No. 2
Plate Voltage (Max.)	330	330 Volts
Plate Dissipation (Max.)	2.0	1.0 Watts
Cathode Current (Max.)	20	— Ma
Positive Grid Voltage (Max.)	6	0 Volt
Negative Grid Voltage (Max.)	50	50 Volts
Grid Circuit Resistance		
Fixed Bias (Max.)	1.0	0.5 Megohm
Cathode Bias (Max.)	2.2	1.0 Megohms

**AVERAGE PLATE CHARACTERISTICS
(Sections 1 and 3)**



AVERAGE PLATE CHARACTERISTICS
(Section No. 2)



CHARACTERISTICS AND TYPICAL OPERATION
Class A1 Amplifier

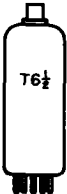
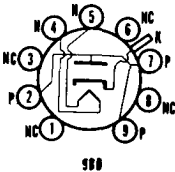
	Sections No. 1 and 3	Section No. 2
Plate Voltage	200	200 Volts
Grid Voltage	-6.0	-1.5 Volts
Plate Current	9.6	1.2 Ma
Plate Resistance.....	7700	61,000 Ohms
Transconductance	2300	1600 μ mhos
Amplification Factor	17.5	98
Ec for Ib = 100 μ a	-15	— Volts
Ec for Ib = 35 μ a	—	-3 Volts

DAMPER

6V3A

Heater Cathode Diode

- Construction Miniature T-6½
- Base Button 9 Pin, E9-1
- Top Cap C1-2
- Basing 9BD
- Outline 6-101
- Maximum Diameter 0.875 In.
- Maximum Seated Height 2.625 In.
- Maximum Overall Height 3.125 In.



ELECTRICAL DATA
HEATER OPERATION

Heater Voltage.....	6.3 Volts
Heater Current	1750 Ma
Maximum Heater-Cathode Voltage	
Heater Negative with Respect to Cathode	
DC	750 Volts
Total DC and Peak.....	6750 Volts
Heater Positive with Respect to Cathode	
DC	100 Volts
Total DC and Peak.....	300 Volts