

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)**Triode**

Grid to Plate 2.4 Pf

Input 2.6 Pf

Output 0.38 Pf

Pentode

Grid to Plate 0.046 Pf

Input 7.0 Pf

Output 2.4 Pf

Coupling

Pentode Grid No. 1 to Triode Plate 0.004 Pf

Triode Grid to Pentode Plate 0.016 Pf

Pentode Plate to Triode Plate 0.095 Pf

RATINGS (Design Center Rating System)

	Triode	Pentode
Plate Voltage (Max.)	300	300 Volts
Grid No. 2 Supply Voltage (Max.)	—	300 Volts
Grid No. 2 Voltage	See Rating Chart (Gen. Info. Sec.)	
Plate Dissipation (Max.)	2.5	3.0 Watts
Grid No. 2 Dissipation (Max.)	—	1.0 Watt
Grid No. 1 Circuit Resistance		
Fixed Bias (Max.)	0.5	0.25 Megohm
Self Bias (Max.)	1.0	1.0 Megohm

CHARACTERISTICS AND TYPICAL OPERATION**Class A1 Amplifier**

	Triode	Pentode
Plate Voltage	150	200 Volts
Grid No. 2 Voltage	—	125 Volts
Grid No. 1 Voltage	—5	— Volts
Cathode Bias Resistor	—	82 Ohms
Amplification Factor	17	—
Plate Resistance (Approx.)	5150	150,000 Ohms
Transconductance	3300	7000 μ mhos
Plate Current	9.5	15 Ma
Grid No. 2 Current	—	3.4 Ma
Grid No. 1 Voltage (Approx.)		
For $I_b = 100 \mu$ a	-14	-8 Volts

6BH11

Color Television Type

**TWO GENERAL PURPOSE TRIODES
HORIZONTAL DEFLECTION OSCILLATOR****Double Medium Mu Triode
and Sharp Cutoff Pentode**

Construction.....Compactron T-9

Base Button 12 Pin, E12-70

Basing 12FP

Outline 9-58

Maximum Diameter 1.188 In.

Maximum Seated Height 2.000 In.

Maximum Overall Height 2.375 In.

ELECTRICAL DATA**HEATER OPERATION**

Heater Voltage..... 6.3 Volts

Heater Current 800 Ma

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DC Component 100 Volts

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