

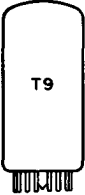
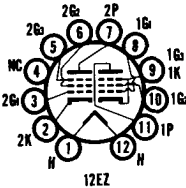
Zero-Signal Screen Current	3.0 Ma
Maximum Signal Screen Current	9.0 Ma
Load Resistance	3000 Ohms
Total Harmonic Distortion (Approx.)	10 Percent
Maximum Signal Power Output	2.4 Watts

17BF11A

Color Television Type
**AUDIO POWER AMPLIFIER
FM DETECTOR**

**Beam Pentode and
Sharp Cutoff Pentode**

Construction.....Compactron T-9
Base Button 12 Pin, E12-70
Basing 12EZ
Outline
Maximum Diameter 1.188 In.
Maximum Seated Height 1.875 In.
Maximum Overall Height 2.250 In.
The 17BF11A is identical to the 17BF11 except for shorter bulb.

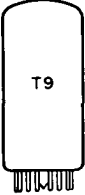
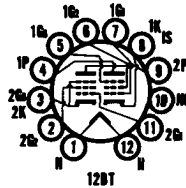


17X10

**FM LIMITER/DISCRIMINATOR
AUDIO POWER AMPLIFIER**

Double Dissimilar Pentode

Construction.....Compactron T-9
Base Button 12 Pin, E12-70
Basing 12BT
Outline 9-59
Maximum Diameter 1.188 In.
Maximum Seated Height 2.250 In.
Maximum Overall Height 2.625 In.



ELECTRICAL DATA

HEATER OPERATION

Heater Voltage.....	16.8 Volts
Heater Current	450 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

Grid No. 1 to (h + 1k + 1g2 + 1g3 + 1S)	4.4 Pf
Grid No. 3 to (h + 1k + 1g1 + 1g2 + 1p + 1S).....	3.2 Pf
Grid No. 1 to Grid No. 3	0.005 Pf

Section No. 2

Grid to Plate	0.24 Pf
Input: g to (h + 2k + 2g2 + g3 + 1k + 1S)	12.0 Pf
Output: p to (h + 2k + 2g2 + g3 + 1k + 1S)	9.0 Pf

RATINGS (Design Maximum Rating System)

Section No. 1

Plate Supply Voltage.....	330 Volts
Accelerator Voltage (G2)	110 Volts
Peak Positive G1 Voltage	60 Volts
DC Cathode Current	13 Ma

Section No. 2

Plate Voltage	165 Volts
Screen Voltage.....	150 Volts