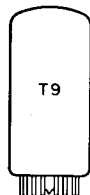
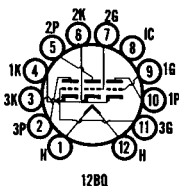


**OSCILLATOR, MIXER
AMPLIFIER or AFC**

6D10

High Mu Triple Triode

Construction.....Compactron T-9
 BaseButton 12 Pin, E12-70
 Basing12BQ
 Outline9-56
 Maximum Diameter1.188 In.
 Maximum Seated Height1.500 In.
 Maximum Overall Height1.875 In.



ELECTRICAL DATA

HEATER OPERATION

Heater Voltage.....	6.3 Volts
Heater Current.....	450 Ma
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) (Each Section)

Grid to Plate.....	1.5 Pf
Input.....	2.2 Pf
Output.....	0.5 Pf

RATINGS (Design Maximum Rating System) (Each Section)

Plate Voltage (Max.).....	330 Volts
Plate Dissipation (Each Plate) (Max.).....	2.0 Watts
Plate Dissipation (Plates 1, 2, and 3) (Max.).....	6.0 Watts
Positive Grid Voltage (Max.).....	0 Volt
Negative Grid Voltage (Max.).....	50 Volts

CHARACTERISTICS AND TYPICAL OPERATION

Class A1 Amplifier—Each Section

Plate Voltage.....	125 Volts
Grid Voltage.....	-1.0 Volt
Plate Current.....	4.2 Ma
Plate Resistance.....	13,600 Ohms
Transconductance.....	4200 μ mhms
Amplification Factor.....	57
Ec for Ib = 20 μ a.....	-4 Volts