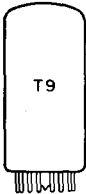
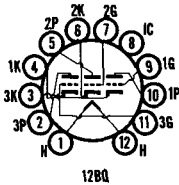


OSCILLATOR, MIXER
AMPLIFIER or AFC

6D10

High Mu Triple Triode

Construction.....Compactron T-9
Base Button 12 Pin, E12-70
Basing 12BQ
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	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 mhos
Amplification Factor	57
Ec for Ib = 20 μ a	-4 Volts