

<< 45/n 45/c Vacuum Tube

Classification- Dome-type or Aubergine-type bulb of glass, a white ceramic base with four-prong bayonet golden pins, oxide coated filamentary, mesh plate or carbon plate triode.

Application -Audio frequency amplifier where power outputs of approximately 1.6 watts.

Dimensions -Dimensions, outline diagrams of the tube and bases, and the arrangement of electrode connections to the base terminals are shown in Figures 1 and 2.

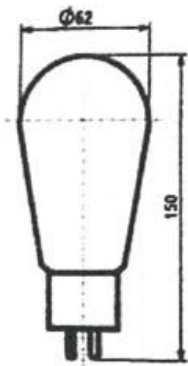


Fig. 1

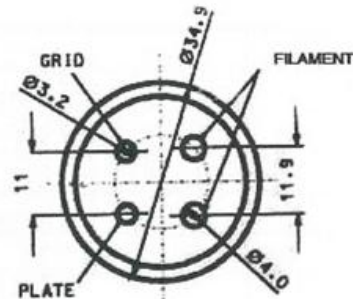


Fig. 2

Nominal operating conditions and parameters

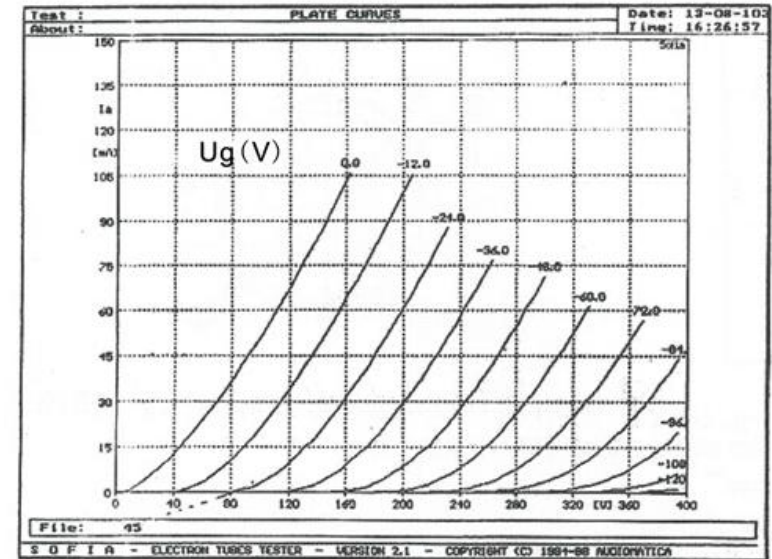
Filament voltage*
2.5V	
Nominal filament current
1.5A	
Plate voltage
250V	
Grid voltage**
50V	
Plate current
34mA	
Amplification factor
3.5	
Load resistance
3900 ohms	
Grid Current
.....0.05 μ A	

*Alternating-current filament supply or Direct-current filament supply.

**Alternating-current filament supply is used. The grid and plate returns should be connected to a center tap on the secondary of the filament transformer. Direct-current filament supply is used. The grid and plate returns are connected to the negative end of the filament.

Characteristics-Average characteristics

Figure 3. shown typical curves of plate currents of grid voltage for several values of plate voltages. It is alternating-current filament supply.



Ua (V)

Fig 3

Limiting Operation Conditions for Safe Nor simultaneous ratings

Maximum plate voltage 275 volts