

6SN7 Series Tubes

Classification- It is a Twin triode. Dome-type bulb of glass, copper ceramic base with eight golden pins.

Application -It intended for use a voltage amplifier or Phase inverter.

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.

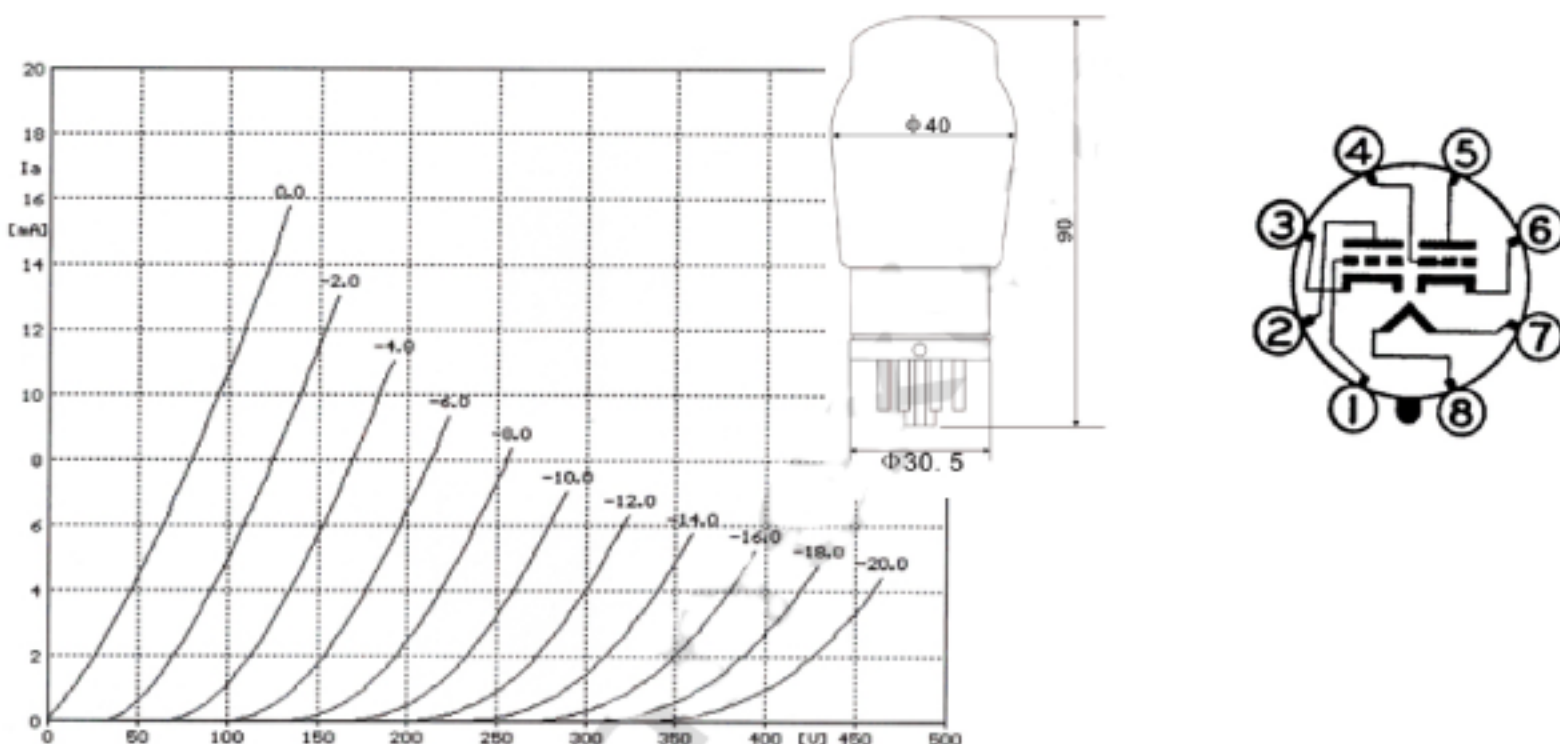


图3

Nominal operating conditions and parameters

Heater voltage	6.3V
Heater current	0.6A
Plate voltage	250V
Grid voltage	-8V
Plater resistance	7.7kohms
Plate current	9mA
Amplification factor	20
Heater-cathode voltage	90V

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.

Limiting Operation Conditions for Safe Nor simultaneous ratings

Maximum plate voltage	300 V
Maximum Grid voltage	-50V
Maximum Grid voltage	0V
Maximum Power of plate	2.5W