MECHANICAL DATA
Bulb ........................................ T-61/2
Base .......................................... E9-1 Small Button 9-Pin
Outline ...................................... 6-2
Basing ........................................ 9AX
Cathode ...................................... Coated Unipotential
Mounting Position ......................... Any

ELECTRICAL DATA
HEATER CHARACTERISTICS
Heater Voltage ................................ 6.3 Volts
Heater Current ................................ 450 Ma
Peak Heater-Cathode Voltage
Heater Negative with Respect to Cathode .... 200 Volts Max.
Heater Positive with Respect to Cathode .... 200 Volts Max.

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)
Plate No. 1 to Cathode No. 1,
Heater and Internal Shield ................. 3.5 μf
Plate No. 2 to Cathode No. 2,
Heater and Internal Shield ................. 5.5 μf
Plate No. 3 to Cathode No. 3,
Heater and Internal Shield ................. 3.5 μf

RATINGS (Design Center Values — Each Section)
Peak Inverse Plate Voltage .................. 330 Volts Max.
D C Output Current ............................ 12 Ma Max.
Peak Plate Current ............................ 54 Ma Max.

CHARACTERISTICS
Plate Current at $E_b = 5$ Volts
Diode No. 1 .................................. 35 Ma
Diode No. 3 .................................. 35 Ma
Plate Current at $E_b = 0$ Volts
Diode No. 1 .................................. 21 μa Max.
Diode No. 3 .................................. 21 μa Max.
Plate Current Ratio at $E_b = 5$ Volts
Diode No.1: No. 3 and/or
Diode No. 3: No. 1 .......................... 1.3 Max.

QUICK REFERENCE DATA
The Sylvania Type 6BC7 is a miniature triple diode featuring separate unipotential cathodes for each section.
AVERAGE PLATE CHARACTERISTICS

CURRENT IN MILLIAMPERES

PLATE VOLTAGE

E_f = RATED VALUE