

**MECHANICAL DATA**

Bulb . . . . .	T-6½
Base . . . . .	Small Button 9-Pin
Basing . . . . .	9BD
Cap . . . . .	Skirted Miniature
Cathode . . . . .	Unipotential
Mounting Position . . . . .	Any

**ELECTRICAL DATA**

**HEATER CHARACTERISTICS**

Heater Voltage . . . . .	6.3 Volts
Heater Current . . . . .	1.75 Amperes

**RATINGS (Design Center Values)**

**Half Wave Rectifier**

AC Plate Voltage . . . . .	350 Volts Max.
Average Tube Drop (at 150 Ma) . . . . .	14 Volts
DC Output Current . . . . .	125 Ma Max.
Filter Input Capacitor . . . . .	20 µf
Minimum Total Effective Plate Supply Impedance . . . . .	145 Ohms

**RATINGS (Absolute Maximum Values)<sup>1</sup>**

**Damper Service<sup>2</sup>**

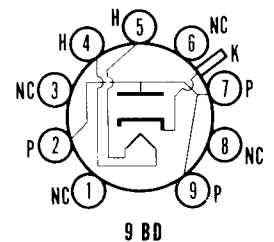
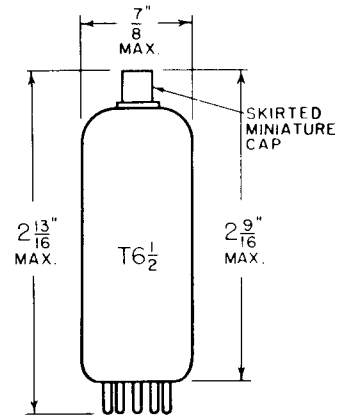
Peak Inverse Voltage . . . . .	6000 Volts Max.
Steady State Peak Current . . . . .	600 Ma Max.
Heater-Cathode Voltage (Heater Negative) . . . . .	750 Volts Max.
Peak Heater-Cathode Voltage . . . . .	6750 Volts Max.
DC Output Current . . . . .	135 Ma Max.

**NOTES:**

1. Should not be exceeded under any condition of high line voltage or misadjustment.
2. For operation in a 525 line, 30 frame system as described in "Standards of Good Engineering Practice for Television Broadcast Stations: Federal Communications Commission", the duty cycle of the voltage pulse must not exceed 15% of one scanning cycle.

**QUICK REFERENCE DATA**

Indirectly heated half-wave rectifier designed for service as a damping diode in television receiver direct drive sweep circuits. The cathode is connected to the top cap.



**SYLVANIA ELECTRIC PRODUCTS INC.**

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