

MECHANICAL DATA

Bulb	T-6 $\frac{1}{2}$
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 μ f
Minimum Total Effective Plate Supply Impedance	145 Ohms

RATINGS (Absolute Maximum Values)¹

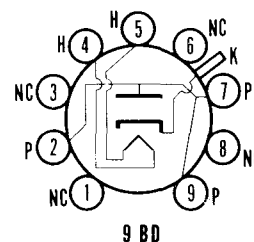
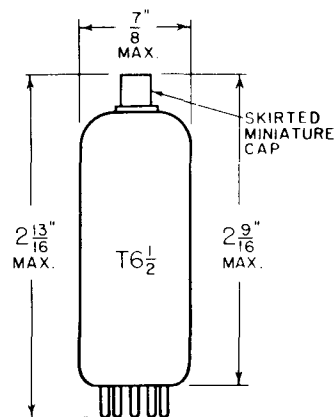
Damper Service ²	
Peak Inverse Voltage	6000 Volts Max.
Steady State Peak Current	600 Ma Max.
Heater-Cathode Voltage (Heater Negative)	750 Volts Max.
Peak Heater-Cathode Voltage	6750 Volts Max.
DC Output Current	135 Ma Max.

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.



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