

MECHANICAL DATA

Bulb	T-3
Base	Subminiature Button, Flexible Leads
Basing	8DF
Cathode	Coated Unipotential
Mounting Position	Any

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage	6.3 Volts
Heater Current	150 Ma

DIRECT INTERELECTRODE CAPACITANCES

	Shielded ¹	Unshielded
Plate to Plate	0.09	0.2 μf
Input (Each Section)		
P to K + H + IS and ES	2.2	1.6 μf
Cathode to H + P + IS and ES		
(Each Section)	2.8	2.6 μf

RATINGS (Design Center Values)

Plate Supply Voltage	
(RMS—Each Plate)	150 Volts Max.
Peak Inverse Voltage	420 Volts Max.
Steady State Peak Plate Current	
(Each Plate)	24 Ma Max.
DC Output Current (Each Plate)	4 Ma Max.
DC Heater-Cathode Voltage	± 330 Volts Max.
Plate Current for 10 Volts Tube	
Voltage Drop (Each Plate)	15 Ma

TYPICAL OPERATION (Single Section)

Half Wave Rectifier—Capacitor Input to Filter

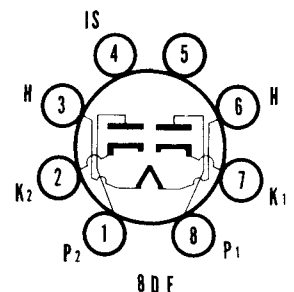
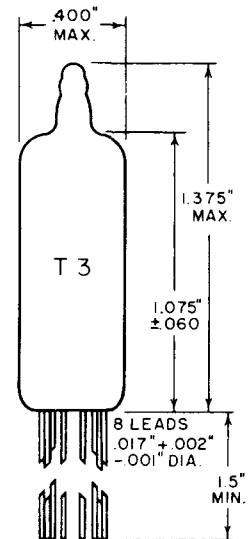
Plate Supply Voltage	
(RMS—Each Plate)	50 Volts
Total Effective Plate Supply	
Impedance (Each Plate)	400 Ohms Min.
Filter Input Capacitance	8 μf
DC Output Current (Each Plate)	4 Ma

NOTES:

1. With external shield 0.045" diameter connected to heater.

QUICK REFERENCE DATA

Subminiature general purpose double diode for use as a diode detector, a v c rectifier and low current power supply rectifier.



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