

**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 <sup>1</sup>	Unshielded
Plate to Plate . . . . .	0.09	0.2 $\mu\mu\text{f}$
Input (Each Section)		
P to K + H + IS and ES . . . . .	2.2	1.6 $\mu\mu\text{f}$
Cathode to H + P + IS and ES (Each Section) . . . . .	2.8	2.6 $\mu\mu\text{f}$

**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 . . . . .	$\pm 330$ Volts Max.
Plate Current for 10 Volts Tube Voltage Drop (Each Plate) . . . . .	15 Ma

**TYPICAL OPERATION (Single Section)**

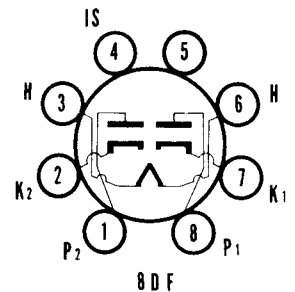
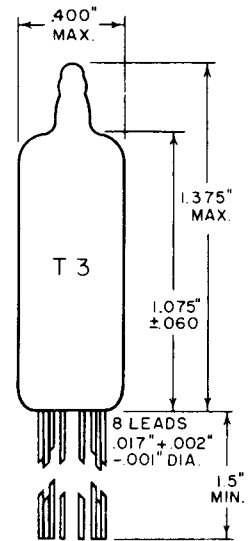
<b>Half Wave Rectifier — Capacitor Input to Filter</b>	
Plate Supply Voltage (RMS—Each Plate) . . . . .	50 Volts
Total Effective Plate Supply Impedance (Each Plate) . . . . .	400 Ohms Min.
Filter Input Capacitance . . . . .	8 $\mu\text{f}$
DC Output Current (Each Plate) . . . . .	4 Ma

**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.



**SYLVANIA ELECTRIC PRODUCTS INC.**

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