

MECHANICAL DATA

Bulb	T-5½
Base	E7-1, Miniature Button 7-Pin
Outline	5-2
Basing	7BJ
Cathode	Coated Unipotential
Mounting Position	Any

ELECTRICAL DATA

HEATER CHARACTERISTICS

Heater Voltage	6.3 Volts
Heater Current	200 Ma
Heater-Cathode Voltage Per Unit (Design Center Values)	
Heater Negative with Respect to Cathode	
Total D C and Peak	90 Volts Max.
Heater Positive with Respect to Cathode	
Total D C and Peak	90 Volts Max.

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

Plate No. 1 to (P2 + P3 + P4)	1.2 μ f
Plate No. 2 to (P1 + P3 + P4)	1.1 μ f
Plate No. 3 to (P1 + P2 + P4)	1.1 μ f
Plate No. 4 to (P1 + P2 + P3)	1.3 μ f
Any Plate to Cathode	0.5 μ f

RATINGS (Design Center Values)

Peak Inverse Plate Voltage	210 Volts Max.
Peak Plate Current Per Plate	45 Ma Max.
D C Output Current Per Plate	8.0 Ma Max.

CHARACTERISTICS

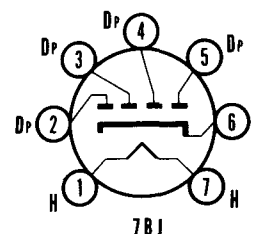
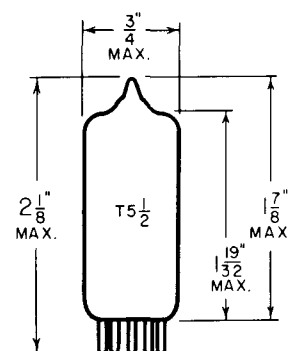
Voltage Drop at $I_b = 6.6$ Ma Per Plate	9.0 Volts
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TYPICAL OPERATION

A C Plate Voltage Per Plate RMS	75 Volts
D C Output Current Per Plate	3.3 Ma

QUICK REFERENCE DATA

The Sylvania Type 6AN6 is a cathode type rectifier having four diode plates around a common cathode. It is designed for use in compact or portable equipment where rectification of four separate voltages is required.



**SYLVANIA ELECTRIC
PRODUCTS INC.**

**RADIO TUBE DIVISION
EMPORIUM, PA.**

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