

Sylvania

T E N T A T I V E

TYPE 1B47

Miniature Voltage Regulator

Glow Discharge

PHYSICAL SPECIFICATIONS

Cathode: Cold

Base: Bayonet Candelabra,
Double Contact

Bulb: T-4, Metal Shell

Dimensions: As per Outline

Mounting Position: Any

BASE CONNECTIONS

As Per Outline

Ratings and Characteristics

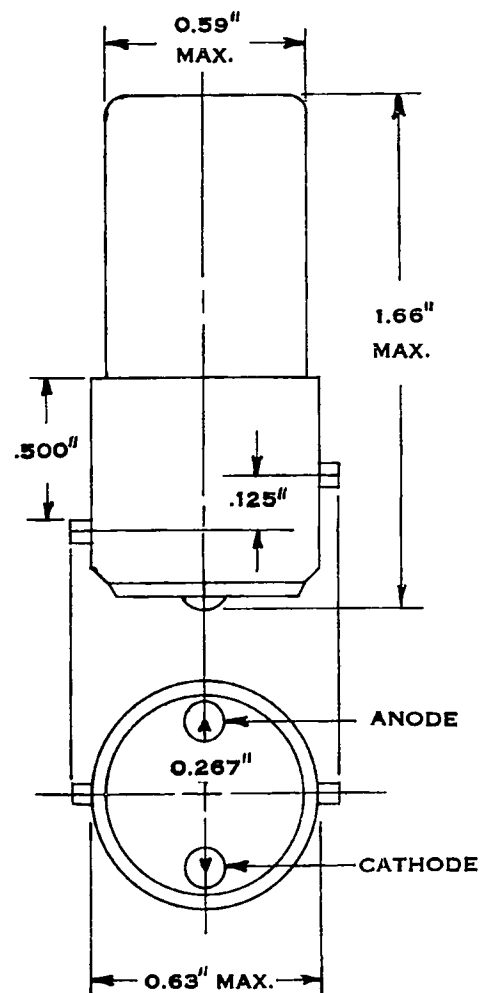
Maximum Starting Voltage	225	Vdc
Maximum Operating Voltage	90	Vdc
Minimum Operating Voltage	75	Vdc
Maximum Operating Current	2.0	mA _{dc}
Minimum Operating Current	1.0	mA _{dc}
Maximum Regulation*	3.0	Vdc

Typical Operating Conditions and Characteristics

Anode Supply Voltage	250	Vdc
Operating Current	1.0 - 2.0	mA _{dc}
Operating Voltage (Approx.)	82	Vdc
Series Protective Resistance (Approx.)**	15,000	ohms

* Regulation is maximum voltage variation with tube operating within specified current range.

**Value shown is for a typical circuit. Sufficient resistance must always be used in series with the tube to limit the current through the tube to 2.0 mA_{dc} under continuous (steady - state) operation.



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