TECHNICAL DATA

Sylvania

TENTATIVE

TYPE 1B64

Miniature Voltage Regulator
Glow Discharge

Ratings and Characteristics

Maximum Starting Voltage 225 Vdc
Maximum Operating Voltage 75 Vdc
Minimum Operating Voltage 65 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.) 70 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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SYLVANIA ELECTRIC PRODUCTS INC.

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