



ELECTRONIC TUBE REFERENCE

SR125

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Very-low-current 125 V glow stabilizer for temperature-independent high-voltage regulation, including photomultiplier supply applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	125 V
MINIMUM REGULATOR CURRENT	0.1 mA
MAXIMUM REGULATOR CURRENT	0.5 mA
STARTING VOLTAGE	155 V
MAINTAINING VOLTAGE	125 V

Glow stabilizer for temperature-independent stabilization of high voltages at very low current, including photomultiplier applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Cerberus

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1962 CERBERUS

Section 1 · Voltage Regulator

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maintaining voltage tolerance	122–127 V	IK=0.1mA

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maintaining voltage maximum	135 V	IK=0.5mA

TUBE TINKER

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