

ELECTRONIC TUBE REFERENCE

SR44

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Subminiature voltage-reference tube with low tritium preionization for stable operation over approximately 0.5–5 mA.

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

SECTION1 Voltage Regulator	
REGULATOR VOLTAGE	84 V
MINIMUM REGULATOR CURRENT	0.5 mA
MAXIMUM REGULATOR CURRENT	5 mA
STARTING VOLTAGE	115 V
MAINTAINING VOLTAGE	84 V

Subminiature cold-molybdenum-cathode voltage reference tube with low tritium preionization for a 0.5-5 mA stabilizing range.

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
Stabilized voltage	82–87 V	1.5mA
Voltage regulation maximum	1.5 V	1-3mA
Current for normal glow discharge	4 mA	—
Stabilized-voltage change over 20000 h maximum	1 V	—