

ELECTRONIC TUBE REFERENCE

SR2A

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Precision cold-cathode reference maintaining approximately 88 V with high stability and at least 30,000 hours specified service life.

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	88 V
MINIMUM REGULATOR CURRENT	2 mA
MAXIMUM REGULATOR CURRENT	80 mA
STARTING VOLTAGE	120 V
MAINTAINING VOLTAGE	88 V

Precision voltage stabilizer and reference tube with molybdenum cathode, extremely long life, high stability and low tritium preionization.

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
Breakdown voltage	100–135 V	—
Stabilized voltage	86–90 V	30mA
Service life minimum	30000 h	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Preferred operating-current range	20–40 mA	—