

ELECTRONIC TUBE REFERENCE

SR6

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Subminiature molybdenum-cathode voltage-reference tube with soldering leads, operating 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
Published electrical characteristics preserved in parameter rows; regulator-specific fields promoted where applicable.	

Cold molybdenum-cathode subminiature voltage reference tube with soldering leads; stabilizing range 0.5-5 mA.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Breakdown voltage A-K	115 V	—
Typical supply voltage	160 V	—
Typical operating current	1.7 mA	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Stabilized voltage at 1.5 mA	82–87 V	—
Operating current	0.5–5 mA	—
Regulation over 0.5-3 mA	1.5 V	—
Variation of stabilized voltage during 20000 h	1 V	—
Life expectancy	30000— h	Exceeding

TUBE TINKER

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and their source documents.

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