

ELECTRONIC TUBE REFERENCE

SR55

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Cold pure-metal-cathode voltage stabilizer operating over a 5-30 mA regulating range.

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	105 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	127 V
MAINTAINING VOLTAGE	105 V
Published electrical characteristics preserved in parameter rows; regulator-specific fields promoted where applicable.	

Cold pure-metal-cathode voltage stabilizer tube with a 5-30 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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Breakdown voltage A-K	127 V	—
Inverse anode voltage	75 V	—
Starting current	75 mA	—
Typical supply voltage	250 V	—
Typical operating current	15 mA	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Stabilized voltage at 30 mA	112 V	—
Stabilized voltage at 5 mA	105 V	—
Operating current	5–30 mA	—
Regulation over 5-30 mA	3.5 V	—
RMS noise voltage	5 mV	5-30 mA; 50-5000 Hz
Life expectancy	10000— h	Exceeding