ELECTRONIC TUBE REFERENCE

SR7

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	104 V
MINIMUM REGULATOR CURRENT	0.5 mA
MAXIMUM REGULATOR CURRENT	5 mA
STARTING VOLTAGE	140 V
MAINTAINING VOLTAGE	104 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

1962 Cerberus

SOURCE PDF

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	**140 V**	—
Typical supply voltage	**190 V**	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Stabilized voltage at 1.5 mA	**102–105 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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