

ELECTRONIC TUBE REFERENCE

CK5962

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Extremely low-current Raytheon high-voltage regulator providing approximately 700 V at microampere currents for measurement and reference circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8W	BASE PINS	8
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	700 V
MINIMUM REGULATOR CURRENT	0.002 mA
MAXIMUM REGULATOR CURRENT	0.055 mA
STARTING VOLTAGE	730 V
MAINTAINING VOLTAGE	700 V
Promoted only from clearly identified printed electrical values; additional values retained in TUBE_SECTION_PARAMETER.	

Cold-cathode voltage-regulator tube operating at approximately 700 V.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Raytheon Special Purpose Tubes

Published test conditions and operating points. Values on this page are preserved as reported by this source.

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 1 · Voltage Regulator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum starting-voltage supply	730 V	VoltageRegulator
Maximum operating current	0.055 mA	VoltageRegulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage	700 V	VoltageRegulator
Minimum operating current	0.002 mA	VoltageRegulator
Maximum regulation	15 V	VoltageRegulator

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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