



ELECTRONIC TUBE REFERENCE

5787

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Subminiature cold-cathode gas-filled voltage regulator maintaining approximately 100 V over roughly a 5-25 mA operating range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Voltage Regulator	
MAXIMUM PLATE VOLTAGE	135 V
MAXIMUM CATHODE CURRENT	26 mA
REGULATOR VOLTAGE	100 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	25 mA
STARTING VOLTAGE	135 V
MAINTAINING VOLTAGE	100 V
<i>Published maximum ratings and characteristics promoted from the approved source; repeated identical sections compressed where applicable.</i>	

Cold-cathode gas-filled subminiature voltage regulator maintaining approximately 100 V over a 5 to 25 mA operating-current range.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Voltage Regulator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	135 V	—
Maximum Cathode Current	26 mA	—
RegulatorVoltage	100 V	—
RegulatorCurrentMinimum	5 mA	—
RegulatorCurrentMaximum	25 mA	—
RegulatorStartingVoltage	135 V	—
RegulatorMaintainingVoltage	100 V	—

TUBE TINKER

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and their source documents.

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