



ELECTRONIC TUBE REFERENCE

GR2820

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Cold-cathode glow-discharge voltage stabilizer for heaterless shunt regulation or reference service in electronic power supplies.

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	125 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	60 mA
STARTING VOLTAGE	180 V
MAINTAINING VOLTAGE	125 V
DYNAMIC IMPEDANCE	150 Ω
Published electrical ratings and characteristics promoted from the approved source.	

Voltage-regulator discharge tube for automatic stabilization of DC voltage around 125 V; equivalent to GR28-20.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Voltage Regulator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RegulatorVoltage	125 V	—
RegulatorCurrentMinimum	5 mA	—
RegulatorCurrentMaximum	60 mA	—
RegulatorStartingVoltage	180 V	—
RegulatorMaintainingVoltage	125 V	—
RegulatorDynamicImpedance	150 ohm	—

TUBE TINKER

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and their source documents.

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