



ELECTRONIC TUBE REFERENCE

STR9040

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Cold-cathode glow-discharge voltage stabilizer for heaterless shunt regulation and 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	90 V
MINIMUM REGULATOR CURRENT	1 mA
MAXIMUM REGULATOR CURRENT	40 mA
STARTING VOLTAGE	125 V
MAINTAINING VOLTAGE	90 V
DYNAMIC IMPEDANCE	300 Ω
Published glow-discharge voltage-stabilizer characteristics.	

A cold-cathode glow-discharge voltage regulator for automatic stabilization of a 90 V DC supply.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal maintaining voltage	90 V	—
Voltage variation over current range	14 V	—
Lifetime voltage change	1 %	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current range	1 to 40 mA	—
Nominal current	20 mA	—

TUBE TINKER

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and their source documents.

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