



ELECTRONIC TUBE REFERENCE

AG50001

Voltage Regulator
electronic tubeVOLTAGEREGULATOR-VOLTAGEREGULATOR-
VOLTAGEREGULATOR-VOLTAGEREGULATOR

CONSOLIDATED TECHNICAL DATA

4 SECTIONS

CONSTRUCTION

AEG inert-gas voltage stabilizer with four approximately 125 V regulating sections usable in series for roughly 500 V stabilization.

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	0.1 mA
MAXIMUM REGULATOR CURRENT	5 mA
STARTING VOLTAGE	160 V
MAINTAINING VOLTAGE	125 V
DYNAMIC IMPEDANCE	500 Ω
<i>Representative section for repeated identical sections.</i>	

SECTION2 Voltage Regulator	
REGULATOR VOLTAGE	125 V
MINIMUM REGULATOR CURRENT	0.1 mA
MAXIMUM REGULATOR CURRENT	5 mA

SECTION3 Voltage Regulator	
REGULATOR VOLTAGE	125 V
MINIMUM REGULATOR CURRENT	0.1 mA
MAXIMUM REGULATOR CURRENT	5 mA

SECTION4 Voltage Regulator	
REGULATOR VOLTAGE	125 V
MINIMUM REGULATOR CURRENT	0.1 mA
MAXIMUM REGULATOR CURRENT	5 mA

Four-section cold-cathode inert-gas voltage stabilizer.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage minimum per section	123 V	—
Operating voltage maximum per section	127 V	—
Operating voltage four sections series	500 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum starting current	5 mA	120s

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Inert gas	—

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