



ELECTRONIC TUBE REFERENCE

AG858

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Precision low-noise gas voltage reference providing approximately 82.2 V for instrumentation, with recommended operation near 3 mA.

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

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	82.2 V
MINIMUM REGULATOR CURRENT	1.7 mA
MAXIMUM REGULATOR CURRENT	8 mA
STARTING VOLTAGE	120 V
MAINTAINING VOLTAGE	82.2 V
DYNAMIC IMPEDANCE	500 Ω

Subminiature cold-cathode voltage stabilizer for reference and regulation service.



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

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Recommended reference current	3 mA	ReferenceService

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Gas	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Noise voltage	1 mV	—

TUBE TINKER

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