



ELECTRONIC TUBE REFERENCE

G1802G

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Cold-cathode voltage stabilizer with two symmetrical anodes, providing approximately 150 V regulation over a 5–45 mA operating range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
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	150 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	45 mA
STARTING VOLTAGE	180 V
MAINTAINING VOLTAGE	150 V
<i>Published ratings/characteristics promoted where applicable.</i>	

Cold-cathode voltage stabiliser with two symmetrical anodes.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Stabilising voltage at 25 mA	150 V	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum auxiliary anode striking voltage	200 V	Published datasheet value
Maximum regulation 5-45 mA	5 V	Published datasheet value