ELECTRONIC TUBE REFERENCE

G1802M

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Gas-filled cold-cathode voltage stabilizer with two symmetrical anodes, maintaining approximately 150 V over roughly 5–45 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

SECTION1 Voltage Regulator

REGULATOR VOLTAGE	150 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	45 mA
STARTING VOLTAGE	180 V
MAINTAINING VOLTAGE	150 V

Published ratings/characteristics promoted where applicable.

Cold-cathode voltage stabiliser with two symmetrical anodes.

SOURCE OPERATING CONDITIONS

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

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