



ELECTRONIC TUBE REFERENCE

G1081K

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Miniature cold-cathode gas-filled voltage stabilizer maintaining approximately 108 V over a 5–30 mA operating range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	–	BASE PINS	7
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	108 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	127 V
MAINTAINING VOLTAGE	108 V
Published ratings/characteristics promoted where applicable.	

Miniature cold-cathode gas-filled voltage stabiliser.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum stabilising voltage at 30 mA	112 V	Published datasheet value
Maximum peak current	75 mA	Published datasheet value
Maximum regulation 5-30 mA	3.5 V	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum stabilising voltage at 5 mA	105 V	Published datasheet value

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