



ELECTRONIC TUBE REFERENCE

G551K

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Miniature cold-cathode gas-filled voltage stabilizer providing approximately 55 V over a broad 2–30 mA operating range.

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	
MAXIMUM CATHODE CURRENT	75 mA
REGULATOR VOLTAGE	55 V
MINIMUM REGULATOR CURRENT	2 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	90 V
MAINTAINING VOLTAGE	55 V
Published ratings/characteristics promoted where applicable.	

Miniature cold-cathode gas-filled voltage stabilizer providing approximately 55 V stabilized output for industrial and radio equipment.

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	60 V	Published datasheet value
Maximum peak current	75 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum stabilising voltage at 2 mA	50 V	Published datasheet value

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Stabilising / Maintaining Voltage	55 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Continuous Operating Current	30 mA	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Current	75 mA	10 seconds maximum

TUBE TINKER

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