



ELECTRONIC TUBE REFERENCE

M8223

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Special-quality rugged 150 V gas-filled stabilizer for equipment exposed to shock and vibration, with statistically controlled electrical characteristics.

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

SECTION1 Voltage Regulator	
REGULATOR VOLTAGE	150 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	165 V
MAINTAINING VOLTAGE	150 V
Gas-discharge device.	

SPECIAL QUALITY STABILISING TUBE M Special quality 150V gas-filled voltage stabiliser for use in equipment where mechanical vibration and shocks are unavoidable and where statistically controlled major electrical characteristics are required. PRELIMINARY DATA This data should be read in conjunction with the GENERAL NOTES— SPECIAL The supplied datasheet publishes electrical ratings and characteristics for this voltageregulator device.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RegulatorVoltage	150	Promoted field source value
RegulatorCurrentMinimum	0.005	Promoted field source value
RegulatorCurrentMaximum	0.03	Promoted field source value
RegulatorStartingVoltage	165	Promoted field source value
RegulatorMaintainingVoltage	150	Promoted field source value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum starting current	75 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Mullard Gas Filled Tubes

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

1971 MULLARD GAS FILLED TUBES

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maintaining voltage	150 V	—
Regulation voltage	3 V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ignition/striking voltage	165 V	—
Minimum cathode current	5 mA	—
Maximum cathode current	30 mA	—