

ELECTRONIC TUBE REFERENCE

75B1

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Miniature gas-filled voltage stabilizer with auxiliary ignition electrode for reliable starting and approximately 70-80 V regulation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B7G	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	75 V
MINIMUM REGULATOR CURRENT	2 mA
MAXIMUM REGULATOR CURRENT	22 mA
STARTING VOLTAGE	110 V
MAINTAINING VOLTAGE	75 V
Promoted values are taken directly from the supplied datasheet; additional ratings, characteristics and operating points are preserved in TUBE_SECTION_PARAMETER.	

Miniature gas-filled voltage-stabiliser tube with auxiliary ignition electrode, maintaining roughly 70 to 80 V over its specified current range.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum voltage necessary for ignition	110 V	—
Maximum burning current	22 mA	—
Minimum burning current	2 mA	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum ignition voltage	110 V	—
Burning voltage minimum	70 V	—
Burning voltage maximum	80 V	—
Maximum burning-voltage variation	6 V	CurrentRange=2-20mA

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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