



ELECTRONIC TUBE REFERENCE

95A1

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Low-current gas voltage stabilizer providing approximately 95 V over roughly 2-10 mA for compact reference and shunt-regulator circuits.

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	
REGULATOR VOLTAGE	95 V
MINIMUM REGULATOR CURRENT	2 mA
MAXIMUM REGULATOR CURRENT	10 mA
STARTING VOLTAGE	110 V
MAINTAINING VOLTAGE	95 V
Voltage stabilizer discharge with priming electrode.	

The Mullard 95A1 is a miniature gas-filled voltage stabilizer with an auxiliary ignition electrode.

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 Ignition Voltage	110 V	—
Maximum Burning Current	10 mA	—
Minimum Burning Current	2 mA	OCR source reads 20mA but characteristic range specifies 2-10mA
Maximum Auxiliary Anode Current	0.5 mA	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Auxiliary Anode Ignition Voltage	150 V	—
Burning Voltage Minimum	90 V	—
Burning Voltage Maximum	100 V	—
Maximum Burning Voltage Range	5 V	CurrentRange=2-10mA

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker