

ELECTRONIC TUBE REFERENCE

4D1

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

General-purpose triode for amplifier and leaky-grid detector service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	250 V
General-purpose triode.	

General-purpose triode with 13 V heater for amplifier and leaky-grid detector service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1948 Brimar Radio Valve Manual

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

1948 BRIMAR RADIO VALVE MANUAL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	—
Plate Current	10 mA	—
Control Grid Voltage	-3 V	—
Anode Supply Voltage	250 V	LeakyGridDetector
Anode Load Resistance	25000 ohm	LeakyGridDetector
Grid Condenser	200 pF	LeakyGridDetector

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	10000 ohm	—
Transconductance	4000 μ S	—
Amplification Factor	40	—



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 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	250 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Current	10 mA	—
Control Grid Voltage	-3 V	—
Cathode Bias Resistor	300 ohm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid Condenser	200 pF	LeakyGridDetector
Grid Leak	1.5 Mohm	LeakyGridDetector; approximate midpoint of 1-2Mohm range

TUBE TINKER

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

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