



ELECTRONIC TUBE REFERENCE

EY83

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Television booster or efficiency diode designed for horizontal line-output energy recovery, providing high inverse-voltage and heater-cathode isolation for repetitive sweep operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	5000 V
NOMINAL OUTPUT CURRENT	150 mA
PEAK FORWARD CURRENT	800 mA
MAXIMUM HEATER-CATHODE VOLTAGE	5000 V
<i>Published ratings and characteristics promoted from the supplied Brimar source.</i>	

Miniature booster diode for AC/DC television receivers with high heater-to-cathode voltage capability.



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 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	1 A	—
Application	TelevisionBoosterDiode	—

TUBE TINKER

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and their source documents.

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