



ELECTRONIC TUBE REFERENCE

R19

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Brimar miniature directly heated high-voltage rectifier for television EHT supplies, providing approximately 25 kV peak inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	25000 V
NOMINAL OUTPUT CURRENT	2 mA
PEAK FORWARD CURRENT	12 mA
<i>Published ratings and characteristics promoted semantically from source; repeated identical physical sections compressed where applicable.</i>	

The BRIMAR R19 is a directly heated miniature high-voltage rectifier for television EHT supplies, rated to 25 kV peak inverse voltage and 2 mA DC anode current.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage	1.25 V	—
Filament Current	200 mA	—
Anode-to-Filament Capacitance	1 pF	Approximate

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Inverse Voltage	25000 V	—
Peak Anode Current	12 mA	—
DC Anode Current	2 mA	—