



ELECTRONIC TUBE REFERENCE

R17

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Industrial miniature indirectly heated half-wave rectifier for compact equipment. Rated for approximately 1.45 kV peak inverse voltage and 125 mA nominal rectified output for reliable power-supply service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	1450 V
NOMINAL OUTPUT CURRENT	125 mA
PEAK FORWARD CURRENT	750 mA
MAXIMUM HEATER-CATHODE VOLTAGE	700 V
<i>Published ratings and characteristics promoted semantically from the approved source; identical repeated sections compressed where applicable.</i>	

Industrial miniature indirectly heated half-wave rectifier for compact equipment, rated to 1450 V peak inverse voltage.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Anode Current	750 mA	—
Peak Inverse Voltage	1450 V	—
Peak Heater-Cathode Voltage	700 V	—
Direct Output Current	125 mA	350 V RMS input

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Commercial Equivalent	CV2218	—