



ELECTRONIC TUBE REFERENCE

2B22

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Special directly heated high-frequency rectifier for pulse and RF-related applications. Rated for approximately 100 V peak inverse voltage, 20 mA DC current, and 300 mA peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	6.3 V / 750 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	100 V
NOMINAL OUTPUT CURRENT	20 mA
PEAK FORWARD CURRENT	300 mA
<i>Promoted values are taken from the printed ratings on the uploaded source; additional non-promoted values are retained in TUBE_SECTION_PARAMETER.</i>	

Special high-frequency rectifier tube with pulsed cathode-current ratings.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Duty factor maximum	0.05	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltageNominal	6.3 V	—
HeaterOrFilamentCurrentNominal	750 mA	—
RectifierMaximumPeakInverseVoltage	100 V	—
RectifierPeakForwardCurrent	300 mA	—