



ELECTRONIC TUBE REFERENCE

Z2689

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

General Electric ceramic-metal planar low-current rectifier diode for compact electronics. Rated for approximately 1 kV peak inverse voltage, 25 mA DC output, and 150 mA peak current.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	25 mA
PEAK FORWARD CURRENT	150 mA
FORWARD VOLTAGE DROP	15 V

The Z2689 is described by the approved General Electric datasheet.

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
Peak Inverse Plate Voltage	1000 V	Heater Characteristics and Ratings
Steady-State Peak Plate Current	150 mA	Heater Characteristics and Ratings
DC Output Current	25 mA	Heater Characteristics and Ratings
DC Component	175 V	Heater Characteristics and Ratings
Total DC and Peak	225 V	Heater Characteristics and Ratings

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
I _b 40 Milliamperes DC	15 V	AVERAGE CHARACTERISTICS
+ Heater current of a bogey tube at E _f	6.3 V	AVERAGE CHARACTERISTICS

TUBE TINKER

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