

ELECTRONIC TUBE REFERENCE

Z225

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated half-wave rectifier for high-voltage supplies. Rated for approximately 10 kV peak inverse voltage, 250 mA DC output, and 1 A peak current with a low conducting drop.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	10000 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	1 A
FORWARD VOLTAGE DROP	15 V
WARM-UP TIME	10 s
Published ratings and characteristics promoted where directly established; remaining useful published data retained as parameters.	

Z225 is a rectifier described in the approved United Electronics engineering datasheet.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 United Electronics

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

1945 UNITED ELECTRONICS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	2.5 V	Nominal general rating
Filament current	5 A	Nominal general rating

TUBE TINKER

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and their source documents.

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