



ELECTRONIC TUBE REFERENCE

3B24WA

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Ruggedized directly heated half-wave high-vacuum rectifier with bonded-thoria tungsten filament for severe shock and vibration. High inverse-voltage capability suits demanding professional equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 3 A	PARALLEL HEATER	2.5 V / 6 A
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	60 mA
PEAK FORWARD CURRENT	300 mA
Published ratings and characteristics promoted where clearly stated.	

Ruggedized half-wave high-vacuum service rectifier with bonded-thoria tungsten filament for severe shock and vibration.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	5 V	Published nominal value
Heater or filament current	3 A	Published nominal value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage	20000 V	Published rectifier rating
DC output current	60 mA	Published rectifier rating
Peak forward current	300 mA	Published rectifier rating