



ELECTRONIC TUBE REFERENCE

W10130

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Indirectly heated high-voltage rectifier diode for rectifier and pulse circuits. Rated for approximately 30 kV peak inverse voltage, 100 mA DC output, and 400 mA peak current.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	60 W
PEAK INVERSE VOLTAGE	30000 V
NOMINAL OUTPUT CURRENT	100 mA
PEAK FORWARD CURRENT	400 mA
<i>Representative electrical section; repeated identical sections are compressed where applicable.</i>	

High-voltage rectifier diode intended for high-voltage rectifier circuits and pulse circuits.



SOURCE OPERATING CONDITIONS

196X Lamina

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

196X LAMINA

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak forward current	400 mA	—
Maximum plate dissipation	60 W	—

TUBE TINKER

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and their source documents.

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