



ELECTRONIC TUBE REFERENCE

6102

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Oil-immersed high-vacuum thoriated-tungsten half-wave rectifier for specialized high-voltage supplies, providing approximately 40 kV inverse-voltage capability and moderate current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 7.4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM PLATE DISSIPATION	140 W
PEAK INVERSE VOLTAGE	40000 V
NOMINAL OUTPUT CURRENT	150 mA
PEAK FORWARD CURRENT	900 mA
<i>Published ratings and characteristics promoted from the approved Westinghouse/RMA source.</i>	

Oil-immersion high-vacuum thoriated-tungsten-filament diode for rectifier applications to 40-kV peak inverse voltage.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Rectifier

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	OilImmersedHighVoltageRectifier text	—

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