



ELECTRONIC TUBE REFERENCE

5859

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Oil-immersed high-voltage X-ray rectifier designed specifically for medical or industrial X-ray generator supplies, using oil insulation for reliable operation at extreme inverse voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 12 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier

No fixed ratings recorded.

X-ray rectifier tube; published filament ranges and X-ray service retained.

Oil-immersed high-voltage X-ray rectifier tube.



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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FilamentVoltageRange	0-11.5 V	—
FilamentCurrentRange	11.3-12.8 A	—

TUBE TINKER

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and their source documents.

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