



ELECTRONIC TUBE REFERENCE

2V560E

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Hot-cathode mercury-vapor half-wave rectifier for high-current, high-voltage power conversion, providing approximately 20 kV inverse-voltage capability and several amperes average output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	2
NOMINAL HEATER	5 V / 38 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	7.5 A
PEAK FORWARD CURRENT	20 A
<i>Mercury-vapour or high-voltage rectifier ratings promoted from the published maximum-ratings table.</i>	

Hot-cathode mercury-vapour rectifier.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Supply frequency	50 Hz	ChokeInputFilter



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Rectifier

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Mercury vapour	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filter type	Choke input	—
Supply frequency	50 Hz	—

TUBE TINKER

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and their source documents.

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