



ELECTRONIC TUBE REFERENCE

561

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Central Electronics high-vacuum industrial diode for substantial rectifier service. Its massive filament and very high peak-current capability emphasize heavy pulse-current operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	11.5 V / 15.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	860 mA
PEAK FORWARD CURRENT	50 A
<i>Published ratings and characteristics promoted where applicable; remaining useful published values retained as parameters.</i>	

561: Central Electronic Manufacturers high-vacuum diode with published electrical ratings and operating data. The complete approved datasheet was read semantically, including specifications, maximum ratings, operating conditions, cooling requirements and characteristic data where published.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Central Electronics

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

195X CENTRAL ELECTRONICS

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	11.5 V	—
Filament current	15.25 A	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak anode current	50 A	—
Average anode current	860 mA	—
Maximum anode temperature	800 °C	—
Anode dissipation	450 W	—

TUBE TINKER

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and their source documents.

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