



ELECTRONIC TUBE REFERENCE

559

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

High-frequency lighthouse diode for half-wave rectification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Rectifier	
PEAK INVERSE VOLTAGE	200 V
NOMINAL OUTPUT CURRENT	27 mA
PEAK FORWARD CURRENT	180 mA
<i>Lighthouse half-wave diode; PIV 200 V, peak 180 mA, average 27 mA.</i>	

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

9999 Mixed H 1000

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

9999 MIXED H 1000

Section 0 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse plate voltage total DC plus peak	200 V	Maximum peak inverse plate voltage
Heater/filament voltage	6.3 V	Heater voltage
Heater/filament current	700 mA	Heater current