



ELECTRONIC TUBE REFERENCE

5995

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Subminiature indirectly heated half-wave diode for general rectifier service, providing moderate inverse voltage and current in compact electronic power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5995	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	850 V
NOMINAL OUTPUT CURRENT	45 mA
PEAK FORWARD CURRENT	275 mA
FORWARD VOLTAGE DROP	25 V
<i>Single half-wave high-vacuum rectifier section.</i>	

Subminiature heater-cathode diode for general rectifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ACPlateVoltageRMS	300 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Output Current	45 mA	HalfWave
Maximum Peak Inverse Voltage	850 V	HalfWave
Maximum RMS Supply Voltage	300 V	HalfWave
Maximum Peak Current	275 mA	HalfWave

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward Voltage Drop	25 V	HalfWave
Forward Voltage Drop Test Current	100 mA	HalfWave

TUBE TINKER

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and their source documents.

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