



ELECTRONIC TUBE REFERENCE

879

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-voltage half-wave rectifier, co-designated with the 2X2. Its multi-kilovolt capability and low output current suit specialized high-voltage supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4P	BASE PINS	4
NOMINAL HEATER	2.5 V / 1.75 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	12500 V
NOMINAL OUTPUT CURRENT	7.5 mA
PEAK FORWARD CURRENT	100 mA
<i>Published promoted fields populated from Maximum Ratings / Characteristics / Typical Operation headings.</i>	

High-voltage half-wave rectifier, explicit co-designation on the 2X2/879 source.



SOURCE OPERATING CONDITIONS

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	2.5 V	—
HeaterOrFilamentCurrent	1.75 A	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC anode voltage RMS maximum	2700 V	—
Peak inverse voltage maximum	7500 V	—
Average rectified current maximum	7.5 mA	—



1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Inverse Voltage	12500 V	HighVoltageRectifier