



ELECTRONIC TUBE REFERENCE

2X2

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

High-voltage half-wave high-vacuum rectifier, also designated 879, for low-current supplies requiring approximately 12.5 kV peak inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4P	BASE PINS	7
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

SECTION 1 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, explicitly co-designated 2X2/879.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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](#)

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