



ELECTRONIC TUBE REFERENCE

5576200

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Machlett high-vacuum half-wave rectifier for extremely high-voltage industrial supplies. Its massive filament and roughly 150 kV capability provide greater peak current than the related 5575100.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / 32 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	1000 W
PEAK INVERSE VOLTAGE	150000 V
PEAK FORWARD CURRENT	2.5 A
<i>Published high-vacuum rectifier maximum ratings promoted.</i>	

The Machlett 5576200 is a high-voltage high-vacuum rectifier rated for 150 kv peak inverse voltage.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Machlette Laboratories

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

1971 MACHLETTE LABORATORIES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse anode voltage	150000 V	—
Peak anode current	2.5 A	—
Plate dissipation	1000 W	—
Minimum filament heating time	30 s	—

TUBE TINKER

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and their source documents.

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