



ELECTRONIC TUBE REFERENCE

V1901

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Directly heated high-voltage rectifier for specialized supplies. Its heavy filament and roughly 60 kV inverse-voltage capability emphasize very-high-voltage, relatively low-current service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	16.5 V / 15.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	60000 V
NOMINAL OUTPUT CURRENT	40 mA
PEAK FORWARD CURRENT	1.2 A
<i>Published ratings and characteristics promoted where directly established; remaining useful published data retained as parameters.</i>	

V1901 is a rectifier described in the approved United Electronics engineering datasheet.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 United Electronics

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

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Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	16.5 V	Nominal general rating
Filament current	15.25 A	Nominal general rating