



ELECTRONIC TUBE REFERENCE

5741

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated radiation-cooled high-voltage rectifier with pure-tungsten filament. Its multi-kilovolt inverse-voltage capability and heavy filament suit specialized professional power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4D-10	BASE PINS	—
NOMINAL HEATER	10 V / 5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	20000 V
NOMINAL OUTPUT CURRENT	20 mA
PEAK FORWARD CURRENT	100 mA
FORWARD VOLTAGE DROP	280 V
<i>Absolute rectifier ratings; forward drop published at 100 mA.</i>	

The 5741 is a two-electrode radiation-cooled rectifier with a pure-tungsten filament and a 20 kV peak-inverse-voltage rating.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode Capacitance	1.8 pF	—
Tube Voltage Drop	280 V	PlateCurrent=100mA

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