



ELECTRONIC TUBE REFERENCE

6993

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Indirectly heated high-vacuum rectifier for electronic power supplies. Its 6.3 V heater and moderate output capability suit conventional half-wave DC supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5993	BASE PINS	—
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1250 V
NOMINAL OUTPUT CURRENT	60 mA
PEAK FORWARD CURRENT	230 mA
<i>Published maximum ratings and representative operating characteristics reviewed.</i>	

6993 is a high-vacuum rectifier listed in the supplied receiving-tube handbook.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output current	60 mA	FullWave
Peak inverse voltage	1250 V	FullWave
RMS supply voltage per plate	260 V	FullWave
Peak current per plate	230 mA	FullWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	Published heater/filament rating
Heater/filament current	800 mA	Published heater/filament rating

TUBE TINKER

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and their source documents.

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