



ELECTRONIC TUBE REFERENCE

6004

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Indirectly heated full-wave high-vacuum rectifier for general power-supply service. Its five-volt heater construction provides moderate-current dual-diode rectification for receiver and general electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6004	BASE PINS	—
NOMINAL HEATER	5 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1400 V
NOMINAL OUTPUT CURRENT	120 mA
PEAK FORWARD CURRENT	375 mA
FORWARD VOLTAGE DROP	60 V
Source-local record retained; detailed section classification not reliably readable.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1400 V
NOMINAL OUTPUT CURRENT	120 mA
PEAK FORWARD CURRENT	375 mA
FORWARD VOLTAGE DROP	60 V
Second physical rectifier section; electrical properties populated from applicable published ratings.	

The supplied CBS-Hytron 6004 sheet did not yield sufficiently reliable searchable text for a more specific classification.

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
Maximum RMS supply voltage per plate	375 V	FullWave
Maximum DC output current	120 mA	FullWave
Maximum peak inverse voltage	1400 V	FullWave
Maximum peak current per plate	375 mA	FullWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	60 V	At 120 mA DC output

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 2 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS supply voltage per plate	375 V	FullWave
Maximum DC output current	120 mA	FullWave
Maximum peak inverse voltage	1400 V	FullWave
Maximum peak current per plate	375 mA	FullWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	60 V	At 120 mA DC output

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