



ELECTRONIC TUBE REFERENCE

6Y3G

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated high-voltage rectifier for low-current electronic supplies. Its multi-kilovolt inverse-voltage capability suits specialized high-voltage applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4AC	BASE PINS	—
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	14000 V
NOMINAL OUTPUT CURRENT	7.5 mA
PEAK FORWARD CURRENT	100 mA
<i>Published values promoted where clearly attributable to this section.</i>	

The 6Y3G is a rectifier described in the approved English datasheet.

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 peak inverse voltage	14000 V	—
Nominal DC output current	7.5 mA	—
Maximum peak forward current	100 mA	—
Maximum RMS supply voltage	5000 V	—