



ELECTRONIC TUBE REFERENCE

6H4GT

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated single-diode rectifier for series-heater receiver service. Its low current capability suits auxiliary and small electronic DC supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5AF	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	100 V
NOMINAL OUTPUT CURRENT	4 mA
PEAK FORWARD CURRENT	16 mA
Values promoted only where clearly published for this section in the approved source.	

Indirectly heated single diode for series-heater receiver service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 National Union

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

1938 NATIONAL UNION

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
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SOURCE OPERATING CONDITIONS

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195X General Electric Essential Characteristics

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195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC output current	4 mA	HalfWaveRectifier
Maximum RMS supply voltage	100 V	HalfWaveRectifier
Maximum peak current	18 mA	HalfWaveRectifier