

ELECTRONIC TUBE REFERENCE

6H6GTG

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Glass-tubular twin diode designed for detector, automatic-volume-control, and low-drain rectifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7	BASE PINS	7
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
PEAK INVERSE VOLTAGE	330 V
NOMINAL OUTPUT CURRENT	8 mA
PEAK FORWARD CURRENT	54 mA
FORWARD VOLTAGE DROP	11 V
Representative identical diode section; GT/G envelope version.	

SECTION2 Diode	
No fixed ratings recorded.	
Physical second diode section added during approved section-structure reconciliation.	

The 6H6GT/G is the glass tubular version of the twin-diode detector/AVC/low-drain rectifier family, with two separate diode sections.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 2 of 4

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

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Section 1 · Diode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate-to-cathode capacitance	3 pF	—
Plate-to-plate capacitance	0.1 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum AC plate voltage RMS	150 V	EachDiode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	11 V	At15mADCPerPlate

TUBE TINKER

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and their source documents.

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