



ELECTRONIC TUBE REFERENCE

6AX6G

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Full-wave high-vacuum rectifier designed for television deflection damper service and also usable in conventional full-wave rectifier applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	70	BASE PINS	8
NOMINAL HEATER	6.3 V / 2.5 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	2000 V
NOMINAL OUTPUT CURRENT	250 mA
PEAK FORWARD CURRENT	600 mA
FORWARD VOLTAGE DROP	21 V
Two identical full-wave rectifier sections represented once.	

The 6AX6G 1S A FULL-WAVE HIGH VACUUM RECTIFIER DESIGNED FOR DAMPER SERVICE IN TELEVISION DEFLECTION CIRCUITS. IT CAN ALSO BE USED IN CONVENTIONAL RECTIFIER APPLICATIONS.

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
RMS supply voltage per plate	350 V	FullWave
Damper maximum DC output current per plate	125 mA	TVDamper
Damper peak inverse voltage	2000 V	TVDamper
Damper peak current per plate	600 mA	TVDamper

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	2.5 A	—
AC voltage each plate	350 V	CapacitorInputFilter
DC output current	250 mA	CapacitorInputFilter
Effective plate supply impedance each plate	146 ohm	CapacitorInputFilter

TUBE TINKER

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and their source documents.

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