



ELECTRONIC TUBE REFERENCE

6AX4GTA

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Improved 6AX4-family television damper diode designed for horizontal-deflection service, with controlled heater characteristics and high pulse-current capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	5.3 W
PEAK INVERSE VOLTAGE	4400 V
NOMINAL OUTPUT CURRENT	175 mA
PEAK FORWARD CURRENT	1 A
FORWARD VOLTAGE DROP	32 V
<i>Promoted from clearly identified published values; additional operating points, capacitances, rectifier/damper limits, RF/IF characteristics, and section-specific values are retained in TUBE_SECTION_PARAMETER.</i>	

Improved 6AX4-series television damper diode with controlled heater ratings.



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	1.2 A	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse plate voltage maximum	4400 V	TVDamper
Plate dissipation maximum	5.3 W	TVDamper
Steady-state peak plate current maximum	1000 mA	TVDamper
DC output current maximum	175 mA	TVDamper
Application	Horizontal-deflection damping diode in television receivers	Section1

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube voltage drop	32 V	SpecifiedPlateCurrent

TUBE TINKER

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