

ELECTRONIC TUBE REFERENCE

6AH4GT

Power - TV Vertical Output electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

High-perveance power triode designed specifically for television vertical-deflection output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B6-60	BASE PINS	8
NOMINAL HEATER	6.3 V / 750 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	1780 Ω
TRANSCONDUCTANCE	0.0045 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	7.5 W
MAXIMUM CATHODE CURRENT	60 mA
Peak positive pulse plate voltage 2000 V and peak cathode current 180 mA retained as parameters.	

High-perveance power triode designed for television vertical-deflection output service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak positive plate voltage	2000 V	VerticalDeflection



SOURCE OPERATING CONDITIONS

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195X General Electric Essential Characteristics

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195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	7 pF	Published table value
Output capacitance	1.7 pF	Published table value
Grid-to-plate capacitance	4.4 pF	Published table value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	VerticalDeflection
Grid voltage	-23 V	VerticalDeflection
Plate current	30 mA	VerticalDeflection
Peak positive-pulse plate voltage	2000 V	VerticalDeflection;PulseDuration<=15%ScanCycle



SOURCE OPERATING CONDITIONS

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1961 Tung Sol

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1961 TUNG SOL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumPeakPositivePlateVoltage	2000 V	TVVerticalDeflection
Plate Voltage	250 V	—



SOURCE OPERATING CONDITIONS

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1966 Tung Sol Electronic Tubes 1 of 4

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1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	100 V	VerticalDeflection
Plate current	5 mA	VerticalDeflection
Plate voltage	250 V	VerticalDeflection
Plate current	30 mA	VerticalDeflection
Application	Vertical-deflection output triode	Section1

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	1750 Ω	Section1
Amplification factor	8	Section1



SOURCE OPERATING CONDITIONS

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1968 General Electric Co

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1968 GENERAL ELECTRIC CO

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltageNominal	6.3 V	—
HeaterOrFilamentCurrentNominal	475 mA	—
Maximum Plate Voltage	500 V	—
Maximum Plate Dissipation	7.5 W	—
Maximum Peak Inverse Voltage	0.06 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	1780 Ohm	—
Transconductance	4500 uS	—
Amplification Factor	8	—

TUBE TINKER

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and their source documents.

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