

ELECTRONIC TUBE REFERENCE

6AD4

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

General-purpose triode for receiving, amplification, driver, or electronic service as documented by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8DK	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

8DK - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 — G1	A	G1 — Control Grid	CONNECTED
PIN3 — H	—	H — Heater	CONNECTED
PIN5 — K	A	K — Cathode	CONNECTED
PIN6 — H	—	H — Heater	CONNECTED
PIN8 — P	A	P — Plate (Anode)	CONNECTED

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	35000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	70
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	0.3 W
MAXIMUM CATHODE CURRENT	2 mA
<i>High-mu triode section.</i>	

Sylvania 6AD4 is a subminiature high-mu triode with flexible leads, 6.3-volt heater, and published 100-volt operating characteristics.



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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	35000 ohm	—
Transconductance	2000 μ S	—
Amplification Factor	70	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	150 V	—
Maximum Plate Dissipation	0.3 W	—
Maximum Cathode Current	2 mA	—
Typical Plate Voltage	100 V	—
Typical Plate Current	1.4 mA	—



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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	1.9 pF	Published table value
Output capacitance	2.2 pF	Published table value
Grid-to-plate capacitance	0.7 pF	Published table value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	100 V	ClassA
Cathode resistor	820 ohm	ClassA
Plate current	1.4 mA	ClassA

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