



ELECTRONIC TUBE REFERENCE

6BA4

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

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	8700 Ω
TRANSCONDUCTANCE	0.008 S
AMPLIFICATION FACTOR	70
MAXIMUM PLATE VOLTAGE	150 V
<i>High-mu planar triode.</i>	

Miniature triode intended for receiving and electronic applications.



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
Heater Current 375 to 425 Ma	425 mA	Heater Current 375 to 425 Ma
Plate Current 10 Ma	10 mA	Plate Current 10 Ma
Transconductance 8000 umhos	8000 umhos	Transconductance 8000 umhos

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage 200 Volts Max.	200 V	Plate Voltage 200 Volts Max.



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	ClassA

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode resistor	100 ohm	ClassA
Plate current	10 mA	ClassA

TUBE TINKER

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and their source documents.

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