



ELECTRONIC TUBE REFERENCE

5768

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-mu planar triode designed primarily as a grounded-grid continuous-wave amplifier across approximately the 1-3 GHz frequency range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 400 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0045 S
AMPLIFICATION FACTOR	85
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	4 W
Published maximum ratings and characteristics promoted semantically from the approved source.	

High-mu planar triode designed primarily as a grounded-grid continuous-wave amplifier in the 1000-3000 MHz range.



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
Transconductance	4500 μ S	—
Amplification Factor	85	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	350 V	—
Maximum Plate Dissipation	4 W	—
Plate Voltage	180 V	Cathode resistor 400 ohm
Plate Current	4 mA	—
Operating Frequency Maximum	3000 MHz	—

TUBE TINKER

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and their source documents.

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