

ELECTRONIC TUBE REFERENCE

6J9

Voltage - Triple Triode electronic tube

CONSOLIDATED TECHNICAL DATA
3 SECTIONS
CONSTRUCTION
TRIODE-TRIODE-TRIODE

Triple triode designed to combine RF amplifier, oscillator, and mixer functions throughout the VHF range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0052 S
AMPLIFICATION FACTOR	57
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	2 W
Published maximum ratings and characteristics promoted semantically from the approved source.	

SECTION2 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0052 S
AMPLIFICATION FACTOR	57
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	2 W
<i>Physical triode section; electrically identical triple-triode section.</i>	

SECTION3 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0052 S
AMPLIFICATION FACTOR	57
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM PLATE DISSIPATION	2 W
<i>Physical triode section; electrically identical triple-triode section.</i>	

Triple triode designed to combine RF amplifier, oscillator, and mixer functions through the VHF 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
Plate Resistance	11000 ohm	—
Transconductance	5200 μ S	—
Amplification Factor	57	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	330 V	—
Maximum Plate Dissipation	2 W	—
Plate Voltage	125 V	ClassA; each section
Plate Current	6 mA	ClassA; each section

TUBE TINKER

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and their source documents.

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