



ELECTRONIC TUBE REFERENCE

2C36

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

UHF triode designed for high-frequency oscillator, amplifier, or frequency-multiplier service in television, communications, or specialized RF equipment.

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

SECTION1 Triode	
TRANSCONDUCTANCE	0.0045 S
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	5 W
Electrical section extracted from supplied datasheet.	

UHF triode oscillator designed for service at frequencies up to the range stated by the manufacturer.

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 Voltage (acordc) 6.3 V 6.3 Volts	6.3 V	Heater Voltage (acordc) 6.3 Volts
Heater Current. 400 Ma 400 Ma	400 Ma	Heater Current. 400 Ma
Transconductance 4500 umhos 4500 umhos	4500 umhos	Transconductance 4500 umhos
Plate Current 120 Ma 120Ma	120 Ma	Plate Current 120Ma
Heater Voltage 063 6.3 V 6.3 6.3 6.3 6.3 Volts	6.3 V	Heater Voltage 063 6.3 6.3 6.3 6.3 Volts
Peak Plate Current 900 Ma 900 900 900 900 900 Ma	900 Ma	Peak Plate Current 900 900 900 900 900 Ma
Grid Voltage 0 0 0 V 0 0 0 Volts	0 V	Grid Voltage 0 0 0 0 0 Volts
Peak Power OQutpuc. -20 W 250 200 175 150 15-20 Watts	-20 W	Peak Power OQutpuc. 250 200 175 150 15-20 Watts
Grid Voltage for I, == 10pa . -28 -28 -28 -28 -28 Volts	-28 V	Grid Voltage for I, == 10pa . -28 -28 -28 -28 -28 Volts

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Dissipation 5.0 Watts	5 W	Maximum Plate Dissipation 5.0 Watts
Maximum Plate Voltage (Pulsed) 1500 Volts	1500 V	Maximum Plate Voltage (Pulsed) 1500 Volts

TUBE TINKER

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and their source documents.

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