



ELECTRONIC TUBE REFERENCE

3T100A1

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Directly heated high-frequency power triode for RF amplifier and oscillator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 4.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	50 W
Directly heated thoriated-tungsten HF power triode.	

Thoriated-tungsten directly heated triode for high-frequency amplification and oscillation, including Class-C RF power service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1960 MAZDA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumGridVoltage	-500 V	ClassC
Maximum Anode Current	150 mA	ClassC
MaximumGridCurrent	40 mA	ClassC
MaximumAnodeInputPower	200 W	ClassC
MaximumFrequencyFullRating	150 MHz	—

TUBE TINKER

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and their source documents.

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