



ELECTRONIC TUBE REFERENCE

703A

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Ultra-high-frequency triode with short direct leads and low capacitance for oscillator, amplifier, or mixer service to approximately 1500 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	1.15 V / 4.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.002075 S
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM PLATE DISSIPATION	20 W

Ultra-high-frequency triode with short direct leads, close electrode spacing, and low capacitance, suitable for oscillator, amplifier, or mixer service to frequencies as high as 1500 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	1.15 V	Nominal
Heater current	4.5 A	Nominal

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	0.9 pF	Direct electrode capacitance
Grid-to-filament capacitance	0.85 pF	Direct electrode capacitance
Plate-to-filament capacitance	0.6 pF	Direct electrode capacitance

TUBE TINKER

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