

ELECTRONIC TUBE REFERENCE

2DZ4

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Medium-mu miniature triode for UHF oscillator and Class-A amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	2.35 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2000 Ω
TRANSCONDUCTANCE	0.0067 S
AMPLIFICATION FACTOR	14
MAXIMUM PLATE VOLTAGE	135 V
MAXIMUM PLATE DISSIPATION	2.3 W
MAXIMUM CATHODE CURRENT	40 mA
Medium-mu triode for UHF oscillator and Class-A amplifier service.	

Medium-mu triode for UHF oscillator and Class-A amplifier service.



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

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Plate Capacitance	1.8 pF	—
Input Capacitance	2.2 pF	—
Output Capacitance	1.3 pF	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 1 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 1 OF 4

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GRID TO PLATE	1.8 pF	Capacitances GRID TO PLATE 1.8 pf
HEATER WARM-UP TIME	11 s	Capacitances HEATER WARM-UP TIME 11 SECONDS
LIMITS OF SUPPLIED CURRENT	40 mA	Capacitances LIMITS OF SUPPLIED CURRENT 600 ± 40 MA.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PLATE VOLTAGE	135 V	Oscillator PLATE VOLTAGE 135 VOLTS
NEGATIVE GRID VOLTAGE	50 V	Oscillator NEGATIVE GRID VOLTAGE 50 VOLTS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PLATE DISSIPATION	2.3 W	Oscillator PLATE DISSIPATION 2.3 WATTS
PLATE SUPPLY VOLTAGE	80 V	Oscillator PLATE SUPPLY VOLTAGE 80 VOLTS
PLATE DROPPING RESISTOR	2.7 ohm	Oscillator PLATE DROPPING RESISTOR 2.700 OHMS
GRID RESISTOR	10 ohm	Oscillator GRID RESISTOR 10.000 OHMS
PLATE CURRENT	15.5 mA	Oscillator PLATE CURRENT 15.5 MA.

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PLATE SUPPLY VOLTAGE	60 V	ClassA PLATE SUPPLY VOLTAGE 60 VOLTS
PLATE DROPPING RESISTOR	2.7 ohm	ClassA PLATE DROPPING RESISTOR 2.700 OHMS
PLATE CURRENT	15 mA	ClassA PLATE CURRENT 15 MA.
TRANSCONDUCTANCE	6.7 uS	ClassA TRANSCONDUCTANCE 6.700 pMHOS
PLATE RESISTANCE APPROX	2 ohm	ClassA PLATE RESISTANCE APPROX. 2.000 OHMS
GRID VOLTAGE FOR Ib	-11 V	ClassA GRID VOLTAGE FOR Ib = 20 NA. APPRO X. -11 VOLTS

TUBE TINKER

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and their source documents.

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