



ELECTRONIC TUBE REFERENCE

4GZ5

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Heavy-duty power pentode with approximately 18 W plate dissipation for demanding audio and related output-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	4 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM SCREEN VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	18 W
MAXIMUM SCREEN DISSIPATION	11 W
MAXIMUM CATHODE CURRENT	40 mA
Power pentode for television audio/output and related amplifier service.	

Power pentode for television audio/output and related 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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid2DissipationContinuous	11 W	—
Plate Dissipation	18 W	—



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 · Pentode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GRID #	0.24 pF	Capacitances GRID #1 TO PLATE: G1 TO P 0.24 pf

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
CURRENT OPERATION	40 mA	Average Characteristics CURRENT OPERATION 600+40 MA.
PLATE DISSIPATION	4.8 W	Maximum Ratings PLATE DISSIPATION 4.8 WATTS
FIXED BIAS	5 Mohm	Maximum Ratings FIXED BIAS .5 MEGOHM

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PLATE RESISTANCE (APPROX.) - -- .j	5 Mohm	ClassA PLATE RESISTANCE (APPROX.) --- .j5 MEGOHMS

TUBE TINKER

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