



ELECTRONIC TUBE REFERENCE

12J5GT

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

General-purpose triode for resistance-coupled voltage amplification and oscillator service in radio and electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	60	BASE PINS	8
NOMINAL HEATER	12.6 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	7700 Ω
TRANSCONDUCTANCE	0.0026 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	20 mA
Source-defined physical/function section.	

The Ken-Rad 12J5GT 1s a cathode type general purpose amplifier triode designed for use in resistance coupled smpilers or in super-heterodyne circuits as an oscillator. The high mutual conductance and low output capacitence make the tube especally suited for high frequency oscillator service. The 12J50T 1s a glass tube equipped with a small octel base. The electrical characteristics of this type are identicel to those of type 6J5GT except for heater requirements.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Ken Rad

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

1937 KEN RAD

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	250 V	Plate Voltage 250 Volts Max.
Grid Voltage	-8 V	Grid Voltage -8 Volts
Plate Resistance	7700 ohm	Plate Resistance 7700 Ohms Approx.
Amplification Factor	20 ratio	Amplification Factor 20
Maximum Plate Dissipation	2.5 W	Maximum plate dissipation . + ¢« &« o ¢« o o ¢ o 6 ¢ ¢ ¢ o ¢ ¢ & 2.5 watts
Plate Voltage	90 V	Plate voltage., ., . . 90 volts
Grid Voltage	0 V	Grid voltage , ., . . . 0 volts



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	12.6 V	—
Heater current	150 mA	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	3.8 pF	—

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