



ELECTRONIC TUBE REFERENCE

6N7GTG

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Dual power triode designed for push-pull Class B audio service. Two matched sections share one envelope and provide moderate transconductance and plate dissipation, with published operating data showing roughly 10 W output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 800 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0032 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	5.5 W
Representative identical section.	

SECTION2 Triode	
PLATE RESISTANCE	11000 Ω
TRANSCONDUCTANCE	0.0032 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	5.5 W
<i>Second identical physical triode section; added to align physical rows with SectionCount.</i>	

The 6N7GTG is a DualTriode intended for push-pull Class B audio service. Published ratings, characteristics and typical operating data from the supplied datasheet were captured.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 2 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 2 OF 4

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	250 V	ClassA
Power_output	10 W	PushPull,TwoTubes,ClassB

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	3200 μ S	ClassA
Plate resistance	11000 ohm	ClassA
Amplification factor	35	ClassA

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	3 pF	Section1
Output capacitance	3 pF	Section1