



ELECTRONIC TUBE REFERENCE

1G4GT

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated medium-mu triode for Class A amplification, using a very low-power filament suited to battery-operated equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	G-6X	BASE PINS	7
NOMINAL HEATER	1.4 V / 50 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	10700 Ω
TRANSCONDUCTANCE	0.000825 S
AMPLIFICATION FACTOR	8.8
MAXIMUM PLATE VOLTAGE	110 V
MAXIMUM CATHODE CURRENT	4 mA
Class A1 typical characteristics at 90 V plate.	

Directly heated medium-mu triode for Class A amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	110 V	—
Plate voltage	90 V	ClassA
Control-grid voltage	-6 V	ClassA
Plate current	2.3 mA	ClassA
Plate resistance	10700 Ohm	ClassA
Transconductance	825 uS	ClassA
Amplification factor	8.8	ClassA

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	2.2 pF	—
Output capacitance	3.4 pF	—
Grid-to-plate capacitance	2.8 pF	—

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
Filament Voltage	1.4 V	Nominal
Filament Current	50 mA	Nominal
Plate Voltage	90 V	ClassA1
Grid Voltage	-6 V	ClassA1
Plate Current	2.3 mA	ClassA1

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Plate Capacitance	2.8 pF	—
Input Capacitance	2.2 pF	—
Output Capacitance	3.4 pF	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	10700 ohm	ClassA1
Transconductance	825 uS	ClassA1
Amplification Factor	8.8	ClassA1