



ELECTRONIC TUBE REFERENCE

1N6GT

Voltage Pentode or Tetrode (with diode) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-PENTODE

GT-envelope battery-receiver tube combining a detector diode with a power-amplifier pentode for detection and audio output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7AM	BASE PINS	—
NOMINAL HEATER	1.4 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Detector diode section.

SECTION2 Pentode

PLATE RESISTANCE	300000 Ω
TRANSCONDUCTANCE	0.0008 S
MAXIMUM PLATE VOLTAGE	110 V
MAXIMUM SCREEN VOLTAGE	110 V

GT-envelope detector diode and power-amplifier pentode for battery receivers.

GT-envelope detector diode and power-amplifier pentode for battery receivers. Electrical ratings and representative operating data were extracted from the approved manual page.

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 2 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	90 V	ClassA; OperatingPoint1
Screen voltage	90 V	ClassA; OperatingPoint1
Control-grid bias	4.5 V	ClassA; OperatingPoint1
Plate current	3.4 mA	ClassA; OperatingPoint1
Screen current	0.7 mA	ClassA; OperatingPoint1
Load resistance	25000 ohm	ClassA; OperatingPoint1
Power output	0.1 W	ClassA; OperatingPoint1