



ELECTRONIC TUBE REFERENCE

1D5GT

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Variable-mu or remote-cutoff screen-grid tetrode for controlled RF or IF voltage amplification, permitting smooth receiver gain control over an extended grid-bias range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5R	BASE PINS	5
NOMINAL HEATER	2 V / 60 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
PLATE RESISTANCE	600000 Ω
TRANSCONDUCTANCE	0.00065 S
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM SCREEN VOLTAGE	67.5 V
Remote-cutoff RF tetrode section.	

Remote-cutoff RF directly heated tetrode for Class A RF 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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	180 V	—
Maximum screen-grid voltage	67.5 V	—
Plate voltage	180 V	ClassA RFamplifier
Screen-grid voltage	67.5 V	ClassA RFamplifier
Control-grid voltage	-3 V	ClassA RFamplifier
Plate current	2.2 mA	ClassA RFamplifier
Screen-grid current	0.7 mA	ClassA RFamplifier
Plate resistance	600000 Ohm	ClassA RFamplifier
Transconductance	650 uS	ClassA RFamplifier

TUBE TINKER

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and their source documents.

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