



ELECTRONIC TUBE REFERENCE

5784

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Subminiature dual-control RF pentode whose transconductance can be varied through the third grid. Manufacturer Class A data document operation at different grid-3 biases, making it useful where electronic gain or signal control is required.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5702	BASE PINS	8
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0032 S
MAXIMUM PLATE VOLTAGE	180 V
MAXIMUM SCREEN VOLTAGE	140 V
<i>Dual-control RF pentode.</i>	

Subminiature dual-control RF pentode with control-grid-dependent transconductance.

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 · Pentode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	3.9 pF	—
Output capacitance	3 pF	—
Grid-to-plate capacitance	0.03 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	120 V	ClassA
Screen-grid voltage	120 V	ClassA
Grid No.1 voltage	-2 V	ClassA
Plate current	5.2 mA	ClassA Grid3=0V
Plate current	3.6 mA	ClassA Grid3=-3V
Screen-grid current	4.8 mA	ClassA Grid3=-3V

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	3200 μ S	Grid3=0V
Transconductance	1850 μ S	Grid3=-3V

TUBE TINKER

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and their source documents.

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