



ELECTRONIC TUBE REFERENCE

6373

Voltage - Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Mullard pentode with published Class A ratings and characteristics. The available manufacturer source establishes conventional signal-amplifier operation but does not provide sufficiently explicit application or cutoff terminology for a narrower functional classification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8CP	BASE PINS	8
NOMINAL HEATER	1.25 V / 110 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0015 S
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM SCREEN DISSIPATION	0.45 W
MAXIMUM CATHODE CURRENT	15 mA
<i>Promoted from clearly identified printed ratings/characteristics; additional published operating points and capacitances retained in TUBE_SECTION_PARAMETER.</i>	

Mullard pentode with published ratings and characteristics extracted from the supplied datasheet.



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 pF	Section1
Output capacitance	0.7 pF	Section1
Grid-to-plate capacitance	0.1 pF	Section1

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	ClassA
Plate current	5.5 mA	ClassA
Screen current	1.4 mA	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	1500 μ S	ClassA



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	1.25 V	—
HeaterOrFilamentCurrent	100 mA	—
Plate Voltage	150 V	—
Screen Voltage	90 V	—
Grid Voltage	-7.5 V	—
Plate Current	6.5 mA	—
Screen Current	1.4 mA	—
Transconductance	1500 uS	—
PlateToGridCapacitanceMax	0.1 pF	—
Input Capacitance	3 pF	—
Output Capacitance	7 pF	—

TUBE TINKER

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and their source documents.

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