



ELECTRONIC TUBE REFERENCE

6375

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Mullard directly heated triode with published ratings and characteristics. Available source material does not establish a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8DN	BASE PINS	8
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	4100 Ω
TRANSCONDUCTANCE	0.0034 S
AMPLIFICATION FACTOR	14
MAXIMUM PLATE VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	2.4 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Promoted from clearly identified printed ratings/characteristics; additional published operating points and capacitances retained in TUBE_SECTION_PARAMETER.</i>	

Mullard triode 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 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input capacitance	1.3 pF	Section1
Output capacitance	1.9 pF	Section1
Grid-to-plate capacitance	1.4 pF	Section1

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	150 V	ClassA
Control-grid voltage	-4.5 V	ClassA
Plate current	12 mA	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	4100 Ω	ClassA
Transconductance	3400 μS	ClassA
Amplification factor	14	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

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	1.25 V	—
HeaterOrFilamentCurrent	200 mA	—
Plate Voltage	150 V	—
Grid Voltage	-4.5 V	—
Plate Current	12 mA	—
Transconductance	3400 μ S	—
Amplification Factor	14	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
OscillatorPowerOutput	450 mW	Oscillator;500MHz