



ELECTRONIC TUBE REFERENCE

EN91

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Inert-gas tetrode thyatron for relay and grid-controlled rectifier circuits, in the same functional family as the 2D21.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
MAXIMUM PLATE VOLTAGE	1300 V
MAXIMUM CATHODE CURRENT	600 mA
<i>Gas-discharge device.</i>	

Inert-gas tetrode thyatron for relay and grid-controlled rectifier circuits; equivalent family to 2D21.



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 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	600 mA	—
Anode Voltage Drop	8 V	—
Anode To Grid Capacitance	0.03 pF	—
GridToCathodeAndShieldCapacitance	2.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakInverseAnodeVoltageMaximum	1300 V	—
PeakForwardAnodeVoltageMaximum	650 V	—
PeakCathodeCurrentMaximum	500 mA	—
Average Cathode Current Maximum	100 mA	—
ControlGridNegativeVoltageMaximum	100 V	BeforeConduction



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 Mullard Gas Filled Tubes

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

1971 MULLARD GAS FILLED TUBES

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak anode voltage	1.3 kV	—
Maximum average cathode current	600 mA	—
Heater/filament voltage	6.3 V	—
Heater/filament current	600 mA	—

TUBE TINKER

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