



ELECTRONIC TUBE REFERENCE

GT4A

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled grid-controlled thyatron for controlled rectification, relay, industrial control, oscillator, or pulse-switching service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron

No fixed ratings recorded.

Published Mullard ratings, characteristics, operating conditions, and capacitances extracted from supplied datasheet.

Gas triode/thyatron for controlled switching and rectifier service.

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	4 V	—
HeaterOrFilamentCurrent	1.2 A	—
Anode Cathode Capacitance	3.1 pF	—
Grid Cathode Capacitance	3.4 pF	—
Anode Grid Capacitance	2.7 pF	—
MinimumGridResistance	1000 ohm/V	—
Maximum Grid Resistance	0.5 Mohm/V	—
GasVoltageDrop	17 V	—
ControlRatio	20	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakVoltageBetweenAnyElectrodesMaximum	350 V	—
PeakAnodeVoltageMaximum	300 V	—
PeakAnodeCurrentMaximum	300 mA	—
AverageAnodeCurrentMaximum	3 mA	—
HeaterCathodeVoltageMaximum	100 V	—

TUBE TINKER

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and their source documents.

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