



ELECTRONIC TUBE REFERENCE

EN70

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Subminiature inert-gas tetrode thyatron with negative-control characteristic. Its compact construction suits low-power switching and control circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	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.

Subminiature inert-gas tetrode thyatron with negative control characteristic.

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	150 mA	—
Anode Voltage Drop	11 V	—
Anode To Grid Capacitance	0.08 pF	—
Input Capacitance	1.1 pF	—
Output Capacitance	1.2 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakInverseAnodeVoltageMaximum	500 V	—
PeakForwardAnodeVoltageMaximum	500 V	—
PeakCathodeCurrentMaximum	100 mA	—
Average Cathode Current Maximum	20 mA	—
ControlGridNegativeVoltageMaximum	100 V	BeforeConduction
MaximumOperatingFrequency	100 Hz	—