

ELECTRONIC TUBE REFERENCE

6779

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Cold-cathode inert-gas trigger tube designed for timers and over-voltage protection, providing rapid gas-discharge triggering without a heated cathode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron
No fixed ratings recorded.
Substantive ratings/characteristics/operating-condition extraction from supplied Mullard source.

Cold-cathode inert-gas trigger tube for timers and over-voltage protection.

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
TriggerBreakdownVoltageNominal	132 V	—
PlateWorkingVoltageMinimum	170 V	—
PlateWorkingVoltageMaximum	290 V	—
MaintainingVoltage	105 V	—
PrimingCurrentMinimum	2 uA	—
PrimingCurrentMaximum	25 uA	—
PrimingResistanceRecommended	10 Mohm	—
PeakCathodeCurrentMaximum	25 mA	—
Average Cathode Current Maximum	8 uA	—
PrimingPlateBreakdownVoltageMinimum	150 V	—