



ELECTRONIC TUBE REFERENCE

EN92

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Miniature inert-gas tetrode thyatron for industrial control service. Grid-triggered discharge provides compact electronic switching.

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.

Gas-discharge device.

Miniature inert-gas tetrode thyatron for industrial control service.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U _f	6.3 V	U _f 6,3 V 8
U _i	11 V	U _i 11 V
U _z	40 V	U _z 40 V
Cg1/a ca	0.05 pF	Cg1/a ca. 0,05 pF Fassung: 7-10, TGL 11607
J a8 max	500 V	J a8 max. 500 V maX. 10 v
Eks max	100 mA	Eks max. 100 mA maX. 100 kOhm 3)
Di. max	25 mA	Di. max. 25 mA MmaX. 30 5
U g1 max	100 v	U g1 max. 100 v 2)
1 mMaX	100 V	1 mMaX. 100 V
U 18 MaX	10 V	-U 18 MaX. 10 V maX. 25 V
x1 MAaX	5 mA	x1 MAaX. 5 mA MaXe 90 °
R mM8aX	10 MOhm	R mM8aX. 10 MOhm maX. 30 °
PublishedValue	1 v	1 v 1)
Ug	2 S	-Ug2 S MAX . 50
Zündkennlinien-Streubereiche bei 4 =	0.1 MOhm	Zündkennlinien-Streubereiche bei 4 = 0,1 MOhm und Ry4 = 10 MOhm,
oder Überheizung (	6.9 V	oder Überheizung (6,9 V) auftreten können.

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	10 V	—

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



SOURCE DATA APPENDIX

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

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	—
Heater/filament current	150 mA	—

TUBE TINKER

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