



ELECTRONIC TUBE REFERENCE

6483

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Subminiature cold-cathode gas-filled trigger tube for compact pulse and switching circuits.

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

SECTION 1 Thyatron	
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM PLATE DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	10 mA
<i>Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.</i>	

Subminiature cold-cathode gas-filled trigger/switching tube.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Hold-off voltage maximum	500 V	Published datasheet value
Anode voltage minimum	350 V	Published datasheet value
Anode voltage maximum	500 V	Published datasheet value
Peak cathode current maximum	10 A	Pulse
Typical trigger pulse voltage	300 V	Published datasheet value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HoldOffVoltageMaximum	500 V	—
AnodeVoltageMinimum	350 V	—
AnodeVoltageMaximum	500 V	—
TriggerGridBreakdownVoltage	220 V	—
Plate Dissipation Maximum	1 W	—
PeakCathodeCurrentMaximum	10 A	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	450 V	—
TriggerGridBias	0 V	—
TriggerPulseVoltage	300 V	—
DischargeCapacitance	0.25 uF	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DeviceFunction	Gas-filled trigger and switching tube	—

TUBE TINKER

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and their source documents.

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