

ELECTRONIC TUBE REFERENCE

7323

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Self-indicating subminiature thyatron for low-power control circuits. Its gas discharge provides switching while visible glow indicates conduction state.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	1.25 V / 280 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
MAXIMUM CATHODE CURRENT	3 mA
Gas-filled self-indicating thyatron; switching ratings retained as parameters.	

The 7323 is a gas-filled, directly heated subminiature thyatron with negative control-grid characteristics and a visible glow bright enough for direct indication in transistor-era control circuits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodeSupplyVoltageRMSMaximum	80 V	—
Anode Supply Voltage	66 V	RMS
Anode Current	2 mA	—
Grid Bias Voltage	-4.5 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage Drop	18 V	AnodeCurrent=3mA



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tung Sol Electronic Tubes 4 of 4

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

1966 TUNG SOL ELECTRONIC TUBES 4 OF 4

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage	0 vac	PublishedTable
Filament Current	280 MA	PublishedTable
Anode Supply Voltage (Rms)	65 vac	PublishedTable
Anode Circuit Resistance	0 OHMS	PublishedTable

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
The Circuit Resistance• The Grid Circuit Should Contain A 1,000 Ohm	0 OHM	PublishedTable

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current @	75 VOLTS	PublishedTable