

ELECTRONIC TUBE REFERENCE

7605

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Hydrogen thyatron for fast high-voltage, high-current pulse switching in radar modulators, pulse networks, crowbar protection, or related pulsed-power systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 23 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	30000 V
Published ratings and characteristics mapped semantically; identical repeated sections compressed.	

Zero-bias hydrogen thyatron for high-current crowbar protective circuits, capable of 3000-ampere peak current at high voltage.



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
Peak Cathode Current	3000 A	Crowbar
ForwardAnodeVoltage	30 kV	Crowbar

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode Heating Time	15 min	—

TUBE TINKER

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and their source documents.

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