

ELECTRONIC TUBE REFERENCE

8036

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	4
NOMINAL HEATER	6.3 V / 10 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1	Thyatron
MAXIMUM PLATE VOLTAGE	25000 V
Published promoted fields populated by semantic section ownership; identical repeated sections compressed.	

Ceramic zero-bias hydrogen thyatron designed for high-power switching and severe environmental service.

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
ForwardAnodeVoltage	25 kV	Pulse
Peak Cathode Current	3000 A	Pulse

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode Heating Time	3 min	—

TUBE TINKER

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and their source documents.

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