

ELECTRONIC TUBE REFERENCE

7568

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Zero-bias hydrogen thyatron for very-high-peak-current crowbar protection with fast switching and recovery.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 16 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 ratings and characteristics mapped semantically; identical repeated sections compressed.	

Zero-bias hydrogen thyatron for crowbar protective circuits, designed for very high peak current and fast recovery.

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	800 A	Crowbar
ForwardAnodeVoltage	25 kV	Crowbar

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