

ELECTRONIC TUBE REFERENCE

7782

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Ceramic-metal hydrogen thyatron for compact radar and missile pulse modulators.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	12000 V

Ceramic-metal hydrogen thyatron for compact radar and missile modulators.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	3.5-7.0 A	—
Minimum Heating Time	180 s	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Anode Voltage Forward	12000 V	—
Maximum Peak Anode Voltage Inverse	12000 V	—
Maximum Peak Anode Current	200 A	—
Maximum Average Anode Current	200 mA	—
Maximum RMS Anode Current	5 A	—
Maximum Anode Current Rate of Rise	2000 A/us	—
Maximum Anode Delay Time	0.5 us	—

TUBE TINKER

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and their source documents.

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