

ELECTRONIC TUBE REFERENCE

8326

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

High-power hydrogen thyatron for radar modulator and general high-energy pulse-switching service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 3.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	33000 V
MAXIMUM CATHODE CURRENT	7 A
Hydrogen thyatron; 33 kV peak anode rating and 7 A maximum average cathode current promoted where semantically compatible.	

High-power hydrogen thyatron for radar modulator and pulse switching service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltageNominal	6.3 V	—
HeaterOrFilamentCurrentNominal	3.5 A	—
Maximum Peak Anode Voltage	33000 V	—
MaximumCathodeCurrentPeak	4000 A	—
MaximumCathodeCurrentAverage	7 A	—
MaximumCathodeCurrentRMS	100 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage Drop Maximum	400 V	—
AnodeDelayTimeMaximum	1 us	—

TUBE TINKER

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and their source documents.

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