

ELECTRONIC TUBE REFERENCE

4G48P

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

High-power hydrogen thyatron with adjustable hydrogen reservoir, designed for high-speed pulse switching where large peak currents and repeatable triggering are required.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 29 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
High-power hydrogen thyatron with adjustable hydrogen reservoir.	

High-power hydrogen thyatron with adjustable hydrogen reservoir.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1982 Toshiba

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

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Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Anode Current	1000 A	—
Average Anode Current	1 A	—
Minimum DC Supply Voltage	5000 V	—
Maximum Rate of Rise of Anode Current	5000 A/us	—
Pulse Repetition Rate	1500 pps	—
Pulse Duration	6 us	—