



ELECTRONIC TUBE REFERENCE

6988

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Gas-filled grid-controlled rectifier thyatron documented for controlled power conversion, with published filament and rectifier operating ratings.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
PEAK INVERSE VOLTAGE	1250 V
NOMINAL OUTPUT CURRENT	6.4 A
PEAK FORWARD CURRENT	77 A
<i>Published rectifier/control ratings promoted where applicable.</i>	

The 6988 is a gas-filled grid-controlled rectifier/thyatron documented in the approved datasheet, with published filament and rectifier operating ratings.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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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 forward voltage	750 V	Published datasheet value
Peak inverse voltage	1250 V	Published maximum instantaneous rating
Continuous DC anode/output current	6.4 A	D-c meter value continuous
Continuously recurring peak current	77 A	Oscillograph peak

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating time	60 s	Published datasheet value

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and their source documents.

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