

ELECTRONIC TUBE REFERENCE

5683

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Grid-controlled gas rectifier and thyatron for electronic power control. Triggering initiates gas-discharge conduction for controlled switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron
No fixed ratings recorded.
Published rectifier/control ratings promoted where applicable.

The 5683 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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average tube voltage drop	8 V	Published datasheet value
Heating time	25 s	Published datasheet value