

ELECTRONIC TUBE REFERENCE

FG17

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Negative-control mercury-vapor thyatron for relay circuits and low-grid-power control. Its massive filament supports heavy industrial switching current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 50 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron

No fixed ratings recorded.

Promoted fields mapped semantically from printed ratings/characteristics headings. Fixed promoted fields are largely inapplicable to this special-purpose device; additional published data is retained in TUBE_SECTION_PARAMETER where text recovery permits.

Negative-control mercury-vapor thyatron for relay circuits and low-grid-power control.

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
Filament heating time, typical..... .. S	5 seconds	Filament heating time, typical..... .. S 5 seconds
Ionization time, approx	10 microseconds	Ionization time, approx.....10 microseconds
Deionization time, approx	1000 microseconds	Deionization time, approx..... 1000 microseconds
Maximum time of averaging current. C	15 seconds	Maximum time of averaging current. C.....15 seconds
Temperature limits, condensed mercury.....1t40 to +	80 degC	Temperature limits, condensed mercury.....1t40 to +80 centigrade
Recommended temperature, condensed mercury. +	40 degC	Recommended temperature, condensed mercury. +40 centigrade
///, //A	2 %	///, //A 2%4 2400

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker