

ELECTRONIC TUBE REFERENCE

6984

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Xenon-filled grid-controlled rectifier tube designed for controlled high-current power conversion, combining triggered conduction with substantial rectifier current capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
PEAK INVERSE VOLTAGE	1700 V
NOMINAL OUTPUT CURRENT	4 A
PEAK FORWARD CURRENT	50 A
FORWARD VOLTAGE DROP	11 V
WARM-UP TIME	60 s
Published rectifier/control ratings promoted where applicable.	

Xenon-filled grid-control rectifier tube for controlled high-current rectifier service. The supplied datasheet was read for published construction, ratings, characteristics, and stated applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1942 Electronics Inc

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

1942 ELECTRONICS INC

Section 1 · Thyatron

CHARACTERISTICS

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

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage	1700 V	Published maximum instantaneous rating



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Amperex

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

1953 AMPEREX

Section 1 · Thyatron

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	2.5 V	—
Heater/Filament Current	17.2 A	—
Maximum Peak Inverse Voltage	1700 V	—

TUBE TINKER

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

