

ELECTRONIC TUBE REFERENCE

3V560E

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Directly heated hot-cathode mercury-vapor thyatron for controlled high-voltage rectifier and switching circuits, corresponding to the 4079GA family.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	3
NOMINAL HEATER	5 V / 38 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM CATHODE CURRENT	7.5 A
PEAK INVERSE VOLTAGE	20 V
NOMINAL OUTPUT CURRENT	7.5 A
PEAK FORWARD CURRENT	20 A
Mercury-vapour thyatron; canonical SectionType fallback Other.	

Directly heated hot-cathode mercury-vapour thyatron for controlled high-voltage rectifier and switching circuits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	20000 V	—
Maximum peak anode current	20 A	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Thyatron

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Mercury vapour	—

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filter type	Choke input	—
Supply frequency	50 Hz	—
Control method	Grid phase control	—

TUBE TINKER

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

