



ELECTRONIC TUBE REFERENCE

3V420B

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Indirectly heated mercury-vapor thyatron for controlled switching and rectifier service, using grid triggering to initiate the conductive gas-discharge state.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	5 V / 5.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
PEAK INVERSE VOLTAGE	1.5 V
NOMINAL OUTPUT CURRENT	2.5 A
PEAK FORWARD CURRENT	12.5 A
<i>Values transcribed from the approved datasheet; additional published data retained as parameters.</i>	

Indirectly heated mercury-vapor thyatron.



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
Heater/filament nominal current	5.5 A	Nominal published value

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