



ELECTRONIC TUBE REFERENCE

3G501A

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled grid-controlled thyatron for switching, controlled-rectifier, relay, motor-control, oscillator, or pulse service as documented by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 21 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron

No fixed ratings recorded.

Values transcribed from the approved datasheet; additional published data retained as parameters.

Inert-gas thyatron for industrial control.

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
Anode to control grid	0.8 pF	Published direct interelectrode capacitance
Control grid to cathode	45 pF	Published direct interelectrode capacitance
Heater/filament nominal current	21 A	Nominal published value

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