



ELECTRONIC TUBE REFERENCE

GT1C

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled grid-controlled thyatron for controlled rectification, relay, industrial control, oscillator, or pulse-switching service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1.3 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
MAXIMUM CATHODE CURRENT	1 A
<i>Gas thyatron; pulse and ignition values retained as parameters.</i>	

The Marconi GT1C is a long-life gas thyatron for controlling currents up to one ampere.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	4 V	—
Heater current	1.3 A	—
Cathode heating time	30 s	—
Maximum anode voltage	500 V	—
Peak anode current	1 A	—
Average anode current	300 mA	—
RMS anode current maximum	500 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-cathode voltage drop	16 V	—
Control ratio	28	—

TUBE TINKER

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and their source documents.

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