



ELECTRONIC TUBE REFERENCE

2051

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Gas tetrode thyatron for relay service. Grid-controlled gas discharge provides abrupt electronic switching for control circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	8J	BASE PINS	8
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
MAXIMUM CATHODE CURRENT	375 mA
<i>Gas tetrode thyatron; source gives peak inverse anode voltage and peak/average cathode current.</i>	

Raytheon catalog entry for the 2051 gas tetrode thyatron, intended for relay service with a 6.3 V heater.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Raytheon Special Purpose Tubes

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

195X RAYTHEON SPECIAL PURPOSE TUBES

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Inverse Anode Voltage	700 V	—
Maximum Peak Cathode Current	375 mA	—
Maximum Average Cathode Current	75 mA	—

TUBE TINKER

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

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