



ELECTRONIC TUBE REFERENCE

2B4

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	5A	BASE PINS	5
NOMINAL HEATER	2.5 V / 1.4 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
MAXIMUM PLATE VOLTAGE	300 V
<i>Gas-discharge sweep-oscillator/control section.</i>	

The Du Mont 2B4 is a gas-filled triode used as a sweep oscillator and in control or counter circuits.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Du Mont

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

1960 DU MONT

Section 1 · Thyatron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube Voltage Drop	19 V	Approximate
Minimum Sweep Frequency	1 Hz	—
Maximum Sweep Frequency	30000 Hz	—
Grid-to-Anode Capacitance	2.8 pF	Nominal
Grid-to-Cathode Capacitance	1.7 pF	Nominal
Anode-to-Cathode Capacitance	2 pF	Nominal

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Instantaneous Anode Voltage	300 V	SweepOscillator
Maximum Peak Anode Current	300 mA	SweepOscillator
Maximum Average Anode Current	1 mA	SweepOscillator