

ELECTRONIC TUBE REFERENCE

TH368

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated transmitting triode for radio-frequency power service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.3 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.03 S
AMPLIFICATION FACTOR	145
MAXIMUM PLATE VOLTAGE	10000 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM GRID DISSIPATION	1.5 W
MAXIMUM CATHODE CURRENT	150 mA
Promoted maximum ratings/characteristics mapped semantically from the printed ratings tables; additional published electrical data are preserved in TUBE_SECTION_PARAMETER.	

Miniature planar triode for oscillator/amplifier/frequency-multiplier and pulse-modulator service to 3 GHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1972 Thomson CSF

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

1972 THOMSON CSF

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Warm-up Time Minimum	60 s	—
Anode-Grid Capacitance	1.5 pF	—
Cathode-Grid Capacitance	9.5 pF	—
Cathode-Anode Capacitance	0.06 pF	—
Amplification Factor Cutoff	90	—
Peak Anode Voltage Maximum	10000 V	—
DC Anode Current Maximum	150 mA	—
Peak Anode Current Maximum	5 A	—
Pulse Duration Maximum	6 us	—
Duty Factor Maximum	0.0033	—

TUBE TINKER

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and their source documents.

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