

ELECTRONIC TUBE REFERENCE

TH3062

Specialized - Magnetron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MAGNETRON

Integral-magnet mechanically tunable high-power S-band pulsed magnetron for radar transmitter service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8.5 V / 9 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Magnetron	
MAXIMUM PLATE VOLTAGE	36000 V
Magnetron oscillator; specialized magnetic-field and pulse parameters are preserved in TUBE_SECTION_PARAMETER.	

The Thomson-CSF TH3062 is a integral-magnet mechanically tunable s-band high-power pulsed magnetron.

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 · Magnetron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency range	2900–3050 MHz	—
Heater voltage	8.5 V	—
Heater current	9 A	—
Peak anode voltage minimum	30000 V	—
Device type	Pulsed magnetron	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak output power minimum	1000 kW	—
Peak anode voltage maximum	36000 V	—
Average anode current	150 mA	—
Peak anode current maximum	80 A	—
Heater starting current maximum	40 A	—
Cathode warm-up time minimum	6 min	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker