

ELECTRONIC TUBE REFERENCE

1B37

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETRSwitch

Gas-filled microwave TR/TR switching tube for pulsed transmitter/receiver duplexer service, protecting or isolating receiver and transmitter paths during radar pulses.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 MicrowaveTRSwitch
No fixed ratings recorded.
ATR gap; specialized RF parameters retained.

The 1B37 is a two-electrode cold-cathode ATR gap listed in RMA Release No. 428 with microwave wavelength, VSWR and related RF characteristics.

SOURCE OPERATING CONDITIONS

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Microwave TRSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electrode Count	2	—
Center Frequency Wavelength	3.43 cm	—
Loaded Q	5.5	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
VSWR At Center Frequency	25	—
Temperature Range	-40–100 C	—

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