

ELECTRONIC TUBE REFERENCE

1B38

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETR SWITCH

Two-electrode cold-cathode pre-TR microwave gap for pulsed duplexer protection, characterized by microwave wavelength and VSWR performance.

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.
Pre-TR gap; specialized RF parameters retained.

The 1B38 is a two-electrode cold-cathode Pre-TR 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 · MicrowaveTRSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electrode Count	2	—
Center Frequency Wavelength	10.7 cm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
VSWR At Center Frequency	1.05	—
Leakage Energy	0.00013 J	—
Temperature Range	-40–100 C	—

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