

ELECTRONIC TUBE REFERENCE

6619

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETRSwitch

Gas-filled microwave TR/ATR switching device for pulsed radar duplexers, protecting or isolating transmitter and receiver paths during high-power RF 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.	
Gas-discharge duplexer device has no directly corresponding canonical active SectionType; Other used.	

High-power gas-discharge microwave switching device for polarization-twist radar duplexers in the 2700-2900 MHz range.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · MicrowaveTRSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency Minimum	2700 MHz	—
Frequency Maximum	2900 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter Peak Power	5 MW	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	2700 MHz	—
Frequency maximum	2900 MHz	—
Transmitter peak power	2.5 MW	—

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

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