

ELECTRONIC TUBE REFERENCE

5922

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETR SWITCH

Anti-transmit-receive microwave switching tube for operation near 3.4 GHz. Its gas-discharge action controls RF routing and receiver protection during radar pulses.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 MicrowaveTRSwitch
No fixed ratings recorded. Published ratings and characteristics promoted from the supplied General Electric source where explicitly available.

Anti-transmit-receive microwave switching tube designed for operation near 3400 MHz.

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
OperatingFrequencyMinimum	3325 MHz	—
OperatingFrequencyMaximum	3475 MHz	—
CenterFrequency	3400 MHz	—

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · MicrowaveTRSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter Peak Power (min,) 20 kw ceive tube designed for	20 kW	Transmitter Peak Power (min,) 20 kw ceive tube designed for
(1) Tested with linas RF power of 20 kw, 1 usec	20 kW	(1) Tested with linas RF power of 20 kw, 1 usec

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter Peak Power {max.) 1000 kw use at a center frequen-	1000 kW	Transmitter Peak Power {max.) 1000 kw use at a center frequen-