

ELECTRONIC TUBE REFERENCE

5864

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETR SWITCH

Broadband X-band ATR gas switching tube for transmitter-receiver antenna decoupling around 9.375 GHz, designed for radar duplexing and protection of sensitive receiver circuitry.

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 maximum ratings and characteristics promoted semantically from the approved source.

Broadband X-band ATR gas switching tube for transmitter-receiver antenna decoupling around 9375 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 · Microwave TR Switch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Center Frequency	9375 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter Peak Power Maximum	500 kW	—
Typical Power Output	200 kW	—
Duty Cycle	0.001	—

TUBE TINKER

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

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