

ELECTRONIC TUBE REFERENCE

6546

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETR SWITCH

Gas-filled microwave TR switch centered near 34.86 GHz for branched radar duplexers, protecting the receiver from high-power transmitter 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 semantically from the approved source; repeated identical sections compressed where applicable.

Microwave transmit-receive gas switching tube centered near 34.86 GHz for branched radar duplexer service.

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
Center Frequency	34860 MHz	—
Transmitter Peak Power Minimum	20 kW	—
Arc Loss Maximum	0.9 dB	—