

ELECTRONIC TUBE REFERENCE

6545

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETR SWITCH

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	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1	MicrowaveTRSwitch
<p>No fixed ratings recorded.</p> <p>Published ratings and characteristics promoted semantically from the approved source; repeated identical sections compressed where applicable.</p>	

Microwave transmit-receive gas switching tube for branched radar duplexers, designed for high peak transmitter power at millimeter-wave frequency.



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 TRSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter Peak Power	100 kW	—
Recovery Time Maximum	4 us	—

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker