ELECTRONIC TUBE REFERENCE

6164

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETRSWITCH

Integral-cavity broadband transmit-receive microwave tube for 8.5–9.6 GHz monopulse radar systems, providing rapid receiver isolation during transmission.

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.

Values promoted from the supplied Sylvania source where explicitly published.

Integral-cavity broadband transmit-receive microwave tube for 8500–9600 MHz monopulse systems.

SOURCE OPERATING CONDITIONS

1950 Sylvania

SOURCE PDF

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**
OperatingFrequencyMinimum	**8500 MHz**	—
OperatingFrequencyMaximum	**9600 MHz**	—
TransmitterPeakPowerMinimum	**4 kW**	Pulsed

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