

ELECTRONIC TUBE REFERENCE

6396

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETRSwitch

Broadband ATR microwave switching tube for approximately 9.3 GHz waveguide service, providing radar receiver isolation and RF-path control.

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.

Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.

Broad-band ATR tube designed for operation at a center frequency of 9300 MHz and contact mounting at the waveguide window.

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	9300 MHz	Published datasheet value
Loaded Q maximum	6.5	Published datasheet value
Arc loss maximum	0.8 dB	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter peak power minimum	4 kW	Published datasheet value