

ELECTRONIC TUBE REFERENCE

6334

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETR SWITCH

Dual band-pass TR microwave tube with common gas fill for X-band balanced duplexer service, providing paired receiver-protection switching paths.

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.
Electrical ratings/characteristics audited; additional published numeric data retained in parameter table.

Dual band-pass TR tube consisting essentially of two TR sections with a common gas fill for X-band balanced 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
Frequency range minimum	8490 MHz	Published datasheet value
Frequency range maximum	9578 MHz	Published datasheet value
Ignitor open-circuit voltage	-700 V	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Flat leakage power maximum	20 mW	40 kW transmitter power

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1972 Thomson CSF

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1972 THOMSON CSF

Section 1 · MicrowaveTRSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
pour un courant de [1]	100 A	pour un courant de 100 pA -200 & =375 V
pour un courant de [2]	-200 A	pour un courant de 100 pA -200 & =375 V
pour un courant de [3]	375 A	pour un courant de 100 pA -200 & =375 V
par impulsion de I _{pus} , maximum c _{eee}	15	par impulsion de I _{pus} , maximum c _{eee} 0,15 erg

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tension d'alimentation minimale des Electrodes en circuit v (	2 V	Tension d'alimentation minimale des Electrodes en circuit v (2)
tation doit [1]	8 A	tation doit 8tre faite 3 courant constant & 1'aide de source
tation doit [2]	3 A	tation doit 8tre faite 3 courant constant & 1'aide de source
tation doit [3]	1 A	tation doit 8tre faite 3 courant constant & 1'aide de source