

ELECTRONIC TUBE REFERENCE

TV3304A

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
MICROWAVETR SWITCH

Specialized microwave TR-switching device. Available source material establishes microwave switching construction but does not support a more specific functional description.

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 audited; detailed numeric data retained in parameter table.

The TV3304A is a fixed-tuned broadband S-band crystal-protector tube operating from 2825 to 3125 MHz at peak power levels up to 30 kW. An ignitor-initiated gas discharge protects the receiver from high microwave energy.



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
to operate from [1]	2825 MHz	to operate from 2825 to 3125 MHz with a maximum power
to operate from [2]	3125 MHz	to operate from 2825 to 3125 MHz with a maximum power
ignitor interaction for a	200 A	ignitor interaction for a 200 yA current \

TUBE TINKER

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