

ELECTRONIC TUBE REFERENCE

6805

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
No fixed ratings recorded.

Double broadband TR tube for microwave transmitter/receiver protection systems.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 Varian Assoc

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

1953 VARIAN ASSOC

Section 1 · Microwave TR Switch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Flat leakage power maximum	40 mW	—
Transmitter peak power maximum	200 kW	—
Transmitter average power maximum	200 W	—
Ignitor current maximum	200 uA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Recovery time maximum	10 us	At 200 kW Peak

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Device type	Double broadband TR tube	—

TUBE TINKER

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and their source documents.

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