

ELECTRONIC TUBE REFERENCE

CV9443

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA  
1 SECTION  
CONSTRUCTION  
MICROWAVETR SWITCH

Broadband single-primer S-band TR tube for radar duplexing. Gas-discharge action isolates the receiver during high-power transmitter pulses.

GENERAL CHARACTERISTICS

|                     |                        |                      |               |
|---------------------|------------------------|----------------------|---------------|
| BASE DESIGNATION    | —                      | BASE PINS            | —             |
| NOMINAL HEATER      | — / —                  | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect; cold cathode | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes      | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                     |
|-------------------------------------------------------------------------------------|
| SECTION1 MicrowaveTRSwitch                                                          |
| No fixed ratings recorded.                                                          |
| Special-purpose microwave device; applicable published data retained as parameters. |

Broad-band single-primer S-band TR tube.

## SOURCE OPERATING CONDITIONS

# 1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

## Section 1 · MicrowaveTRSwitch

| CHARACTERISTIC    |                 |                  |
|-------------------|-----------------|------------------|
| PARAMETER         | PUBLISHED VALUE | CONDITION / NOTE |
| Frequency minimum | 3600 MHz        | —                |
| Frequency maximum | 3780 MHz        | —                |