



ELECTRONIC TUBE REFERENCE

1B55

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETR SWITCH

Broadband TR gas-switching tube designed to protect and decouple a radar receiver during transmission. Its gas discharge rapidly changes microwave-path impedance.

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

SECTION 1 MicrowaveTRSwitch	
MAXIMUM PLATE VOLTAGE	425 V
Physical section extracted from supplied datasheet.	

Broad-band TR switching tube designed to protect/decouple a receiver during transmission.

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
Transmitter Peak Power(min.).... 10 kw Voltage(dce) -500 to -700 volts	-700 V	Transmitter Peak Power(min.).... 10 kw Voltage(dce) -500 to -700 volts