

ELECTRONIC TUBE REFERENCE

HSE951

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETR SWITCH

Narrow-band tunable radar receiver-protection discharge tube for X-band antenna-switch assemblies.

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	
MINIMUM REGULATOR CURRENT	0.1 mA
MAXIMUM REGULATOR CURRENT	0.15 mA
STARTING VOLTAGE	700 V
MAINTAINING VOLTAGE	325 V
Receiver-protector discharge section; auxiliary-discharge ignition/maintaining values promoted, with the full ranges retained in parameters.	

Narrow-band tunable receiver-protection discharge tube for radar antenna-switch assemblies in the X-band region.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Microwave TRSwitch

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating frequency	9.375 GHz	Radar receiver-protection tube
Maximum pulse input power	50 kW	Published pulse limit

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