



ELECTRONIC TUBE REFERENCE

6214

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETR SWITCH

Instant-firing ATR microwave switching tube for beacon radar systems. Its rapid discharge controls RF routing and receiver isolation during pulsed operation.

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

No fixed ratings recorded.

Representative electrical section; promoted values mapped from published ratings/characteristics where applicable.

Instant-firing ATR switching tube developed for beacon radar systems and intended for shunt mounting in waveguide.

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
Low-level frequency	9375 MHz	Published datasheet value
High-level frequency	9310 MHz	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transmitter peak power minimum	4 kW	Published datasheet value
Ignitor supply voltage	-650 V	Published datasheet value

TUBE TINKER

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