



ELECTRONIC TUBE REFERENCE

F3023

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

MICROWAVETR SWITCH

Broadband total-coupling pre-TR radar protection tube for 1.2-1.4 GHz systems handling very high transmitter peak power.

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.

Microwave performance and operating ratings are stored as condition-aware parameters from the supplied CSF source.

Broadband total-coupling pre-TR radar protection tube for 1200-1400 MHz systems up to about 10 MW peak.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Microwave TRSwitch

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
OperatingFrequencyMinimum	1200 MHz	—
OperatingFrequencyMaximum	1400 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakPowerMaximum	10 MW	Radar
AveragePowerMaximum	10 kW	Radar
PulseWidthMaximum	6 us	Radar