Technical Data Sheet



DPDT Ramses SMA 26.5GHz Failsafe 28Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : DPDT PART NUMBER : R577F13102

RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	65 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)
TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 ms

Construction : Splashproof

Weight : < 100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)



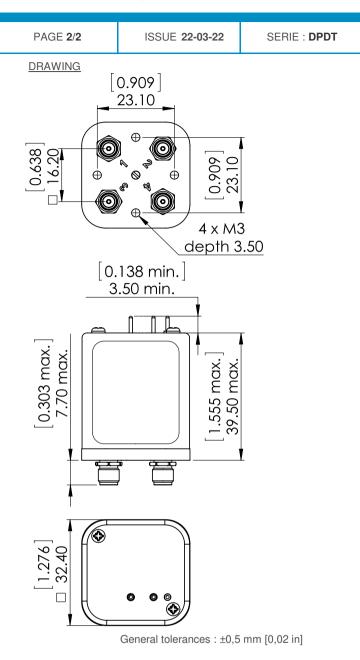
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LABEL

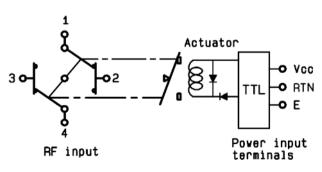
E GND Vcc

RADIALL® R577F13102 0 - 26.5 GHz Un : 28V

Lot : ____

SCHEMATIC DIAGRAM

Position: De energized



TTL input	RF Continuity		
E = 1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$		
E = 0	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$		