Technical Data Sheet



DPDT Ramses SMA 3GHz Latching 12Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 06-02-18 SERIE : DPDT PART NUMBER : R577332102

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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 msConstruction : 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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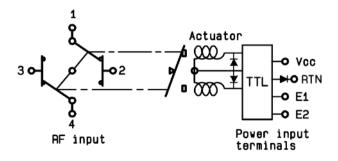
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PAGE **2/2** ISSUE 06-02-18 SERIE: DPDT PART NUMBER: **R577332102 DRAWING** 0.909 23.10 \oplus LABEL E1 E2 GND Vcc RADIALL® 4 x M3 R577332102 depth 3.50 0 - 3 GHz Un: 12V [0.138 min.] Lot : _ _ _ 3.50 min. 0.303 max.] [1.555 max.] 39.50 max. 7.70 max. General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



TTL input	RF Continuity
E1=1 / E2=0	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$
E1=0 / E2=1	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$
E1=0 / E2=0	Memory
E1=1 / E2=1	Forbidden