Technical Data Sheet



DPDT Ramses SMA2.9 40GHz Latching 28Vdc Pins Terminals

PAGE 1/2 ISSUE 26-01-17 SERIE : DPDT PART NUMBER : R577833002

RF CHARACTERISTICS

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	1.90
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012

Life : 2.5 million cycles

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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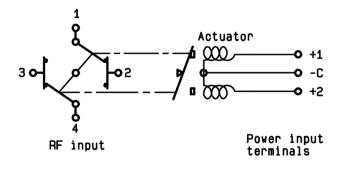
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PAGE **2/2** ISSUE 26-01-17 SERIE: DPDT PART NUMBER: **R577833002 DRAWING** 0.909 23.10 [0.638] □ 16.20 4 x M3 depth 3.50 LABEL [0.909] 23.10 +1 +2 -C **RADIALL®** R577833002 0 - 40 GHz Un: 28V [0.138 min.] Lot : _ _ _ _ 3.50 min. 1.555 max. 39.50 max. 0.252 max. 1.276 □ 32.40

SCHEMATIC DIAGRAM



General tolerances: ±0,5 mm [0,02 in]

Voltage	RF Continuity		
-C +1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$		
-C +2	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$		