Technical Data Sheet



DPDT Ramses SMA 26.5GHz Latching 12Vdc Pins Terminals

PAGE 1/2 ISSUE 26-10-15 SERIE : DPDT PART NUMBER : R577F32002

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 : LATCHING
Nominal current ** : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

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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RF input

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PAGE **2/2** ISSUE **26-10-15** SERIE: DPDT PART NUMBER: R577F32002 **DRAWING** 16,2 4 SMA connectors panel drilling: DIA 8.5 min 16,2 LABEL 4 holes M3 depth 3,5 +1 +2 -C **RADIALL®** R577F32002 0 - 26.5 GHz Un: 12V Lot : _ _ _ 33 ⊙ ⊙ ⊙ General tolerances: ±0.5 mm 32,3 SCHEMATIC DIAGRAM 1 Actuator RF Continuity Voltage -C +1 $1 \leftrightarrow 3 \ / \ 2 \leftrightarrow 4$ -C +2 $1 \leftrightarrow 2 / 3 \leftrightarrow 4$

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Power input

terminals