## **Technical Data Sheet**



DPDT Ramses SMA 18GHz Latching Indicators 12Vdc Pins Terminals

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#### RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

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

Indicator rating : 1 W / 30 V / 100 mA

### 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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PAGE **2/2** ISSUE 16-03-16 SERIE: DPDT PART NUMBER: **R577442002 DRAWING** 4 SMA connectors panel drilling: 16,2 DIA 8.5 min **LABEL** 4 holes M3 depth 3,5 •1 +2 •C 1 2 C **RADIALL®** R577442002 0 - 18 GHz Un: 12V Lot : \_\_\_\_ 3,5 33 ⊙⊙⊙ ⊙ ⊙ ⊙ General tolerances: ±0.5 mm 32,3 SCHEMATIC DIAGRAM Indicator terminals **o** 2 **-0** 1 RF Continuity **-o** C Voltage Ind. Actuator C.1 -C +1 1 ↔ 2 / 3 ↔ 4 -C +2 Power input terminals RF input

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