# **Technical Data Sheet**



DPDT Ramses SMA 18GHz Latching 28Vdc Pins Terminals with bracket

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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 \*\* : 125 mA

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

## MECHANICAL CHARACTERISTICS

Connectors : SMA 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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# **Technical Data Sheet**



DPDT Ramses SMA 18GHz Latching 28Vdc Pins Terminals with bracket

PAGE **2/2** SERIE: DPDT PART NUMBER: **R577433000** ISSUE 10-07-19 DRAWING [0.909] 23.10 0.638 □່16.20 4 x M3 depth 3.50 **LABEL RADIALL®** R577433000 0 - 18 GHz Un: 28V Lot : \_ \_ \_ \_ [0.138 min.] [1.799] 45.70 3.50 min.  $\oplus$ 0.161 3x <sup>¹</sup>Ø 4.10 <sup>¹</sup> [0.303 max.] 7.70 max. [2.177] 55.30 0.059 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM 1 RF Continuity Actuator -C +1 -C +2  $1 \leftrightarrow 2 / 3 \leftrightarrow 4$ **-0**2 Power input terminals RF input