# **Technical Data Sheet**



DPDT Ramses SMA 26.5GHz Latching 28Vdc Pins Terminals with bracket

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### 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 \*\* : 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

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)



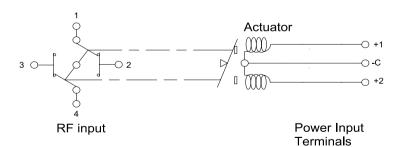




DPDT Ramses SMA 26.5GHz Latching 28Vdc Pins Terminals with bracket

PAGE **2/2** ISSUE 12-09-22 SERIE: DPDT PART NUMBER: R577F33000 **DRAWING** [0.909] 23.10 0.638 □ 16.20 4 x M3 depth 3.50 LABEL +1 +2 -C RADIALL® R577F33000 0 - 26.5 GHz Un: 28V Lot : \_\_\_\_ [1.799] [0.138 min.] 45.70 3.50 min.  $\bigoplus$ 0.750] [0.161] 3x Ø 4.10 [0.303 max.] 7.70 max. [2.177] 55.30 0.059 General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



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