## **Technical Data Sheet**



SPDT Ramses SMA2.9 40GHz Failsafe 28Vdc Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570813000

# 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 : FAILSAFE
Nominal current \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)

#### MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012

Life : 10 million cycles

Switching Time\*\*\* : <10 ms

Construction : Splashproof

Weight : <45 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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## **Technical Data Sheet**



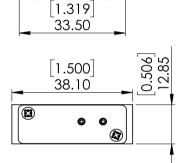
4 x ♥ 3.10

0.441

11.20

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PAGE **2/2** ISSUE **22-03-22** SERIE: SPDT PART NUMBER: **R570813000 DRAWING** [1.343] 34.10 [0.138 min.] 3.50 min. LABEL [0.264 max.] 6.70 max. 1.528 max. 38.80 max. 0.122



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0.880 22.35

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[0.134] 3.40

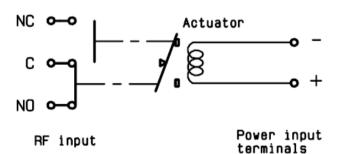
**RADIALL®** R570813000 0 - 40 GHz Un : 28V Lot : \_ \_ \_ \_ NO С NC

General tolerances: ±0,5 mm [0,02 in]

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#### SCHEMATIC DIAGRAM

#### Position Energized:



Voltage	RF Continuity		
De-energized	$C \leftrightarrow NC$		
energized	$C \leftrightarrow NO$		

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