# **Technical Data Sheet**



SP4T Terminated Ramses SMA 3GHz Normally open 28Vdc Positive common D-sub connector

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574303415

#### RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

### **ELECTRICAL CHARACTERISTICS**

Actuator : NORMALLY OPEN

Nominal current \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
Terminals : 25 pins D-SUB male connector

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 2 million cycles per position

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 250 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)



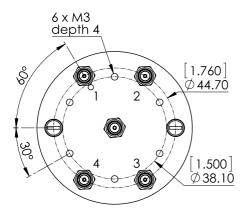




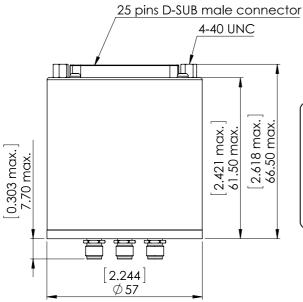
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#### **DRAWING**



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

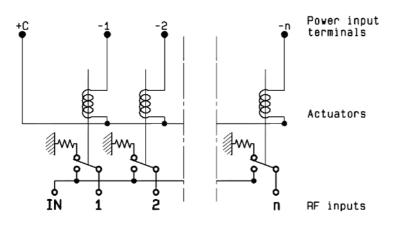


# **LABEL RADIALL®** R574303415 0 - 3 GHz Un: 28V Lot : \_ \_ \_ \_ BOTTOM VIEW 2

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General tolerances: ±0,5 mm [0,02 in]

## **SCHEMATIC DIAGRAM**



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