# **Technical Data Sheet**



SP6T Terminated Ramses SMA 3GHz Normally open 12Vdc Positive common Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574302610

#### RF CHARACTERISTICS

Number of ways : 6

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 \*\* : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

## 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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PAGE **2/2** ISSUE **22-03-22** SERIE: SPnT PART NUMBER: **R574302610 DRAWING** 6 x M3 depth 4 00 [1.500] RF Continuity Voltage Ø38.10 +C -1  $IN \leftrightarrow \mathbf{1}$ +C -2  $IN \leftrightarrow 2$  $IN \leftrightarrow 3$ +C -3 +C -4  $IN \leftrightarrow 4$ +C -5  $\text{IN} \leftrightarrow 5$ 1.760 +C -6  $IN \leftrightarrow 6\,$ Ø 44.70 [ 0.256 min. ] 6.50 min. Pin terminals **LABEL RADIALL®** R574302610 [1.831 max.] 46.50 max. 0 - 3 GHz Un: 12V 7.70 max. Lot : \_ \_ \_ \_ BOTTOM VIEW 2 1 2.244  $\emptyset$  57 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Power input terminals Actuators n **RF** inputs

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