# **Technical Data Sheet**



SP3T Terminated Ramses SMA 3GHz Latching Indicators 28Vdc Positive common Pins Terminals

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### RF CHARACTERISTICS

Number of ways : 3

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 : LATCHING

Nominal current \*\* : 125 mA / RESET : 375 mA \*\*\*\*

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

Indicator rating : 1 W / 30 V / 100 mA

# 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)

(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)







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PAGE **2/2** ISSUE **09-04-19** SERIE: SPnT PART NUMBER: **R574333310 DRAWING** 6 x M3 depth 4 ô [1.500] Voltage RF Continuity Ind. Ø38.10 +C -RESET All ports open +C -1  $IN \leftrightarrow 1$ D.E D.F  $IN \leftrightarrow 2$ +C -2 +C -3  $IN \leftrightarrow 3$ D.G 1.760 Ø 44.70 [ 0.256 min. ] 6.50 min. Pin terminals LABEL **RADIALL®** TOP V**I**EW R574333310 [1.831 max.] 46.50 max. 0 - 3 GHz 7.70 max. Un: 28V Lot : \_ \_ \_ \_ BOTTOM VIEW 2 1 2.244 Ø 57 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Power input terminals -RESET Indicator terminals Actuators ا IN 2 **RF** inputs

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