Technical Data Sheet



SP4T Terminated Ramses SMA 3GHz Normally open Indicators 28Vdc
Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574313430

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) / NEGATIVE 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)







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PAGE **2/2** ISSUE **22-03-22** SERIE: SPnT PART NUMBER: **R574313430 DRAWING** 6 x M3 depth 4 000 **(** [1.500] Voltage RF Continuity Ø38.10 2 D.E -C +1 $IN \leftrightarrow \mathbf{1}$ -C +2 $IN \leftrightarrow 2$ D.F D.G -C +3 $\text{IN} \leftrightarrow 3$ -C +4 $IN \leftrightarrow 4\,$ D.H 0 1.760 Ø 44.70 [0.256 min.] 6.50 min. Pin terminals LABEL **RADIALL®** R574313430 1.831 max. 46.50 max. 0 - 3 GHz 7.70 max. Un: 28V Lot : _ _ _ _ BOTTOM VIEW 2 1 2.244 \emptyset 57 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Power input terminals Indicator terminals Actuators

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RF inputs

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