Technical Data Sheet



SP4T Ramses N 12.4GHz Latching 28Vdc Pins Terminals

PAGE 1/2 ISSUE 10-07-19 SERIE : SPnT PART NUMBER : R573123400

RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 12.4 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1.20	1.35	1.50
Insertion loss max	0.20 dB	0.35 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	400 W	250 W	200 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING

Nominal current ** : 125 mA / RESET : 500 mA ****

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

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 ms

Construction : Splashproof

Weight : < 460 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 10-07-19 SERIE: SPnT PART NUMBER: **R573123400 DRAWING** 6 x M4 depth 5 [1.760] Ø 44.70 60° Voltage RF Continuity -C +RESET All ports open -C +1 $IN \leftrightarrow 1$ 2.126 $IN \leftrightarrow 2$ -C +2 \emptyset 54 30° -C +3 $IN \leftrightarrow 3$ $IN \leftrightarrow 4$ -C +4 [0.256 min.] 6.50 min. Pin terminals LABEL [2.205 max.] 56 max. **RADIALL®** R573123400 [0.768 max.] 19.50 max. 0 - 12.4 GHz Un: 28V Lot:____ BOTTOM VIEW 2 1 [2.500] ϕ 63.50 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Power input terminals +RESET Actuators RF inputs

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