Technical Data Sheet



SP4T Terminated Ramses N 3GHz Normally open 28Vdc Pins Terminals

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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 (*)	400 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.)

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 msConstruction : 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)



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PAGE **2/2** ISSUE **22-03-22** SERIE: SPnT PART NUMBER: **R574003400 DRAWING** 6 x M4 depth 5 [1.760] Ø 44.70 60° Voltage RF Continuity -C +1 $IN \leftrightarrow \mathbf{1}$ -C +2 $IN \leftrightarrow 2$ [2.126] $IN \leftrightarrow 3$ -C +3 \emptyset 54 30° -C +4 $IN \leftrightarrow 4$ [0.256 min.] 6.50 min. Pin terminals LABEL [2.205 max.] 56 max. **RADIALL®** R574003400 [0.768 max.] 19.50 max. 0 - 3 GHz Un: 28V Lot : _ _ _ _ BOTTOM VIEW 2 1 2.500 \emptyset 63.50 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Power input terminals Actuators RF inputs

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