Technical Data Sheet



SP12T Ramses N 3GHz Normally open 12Vdc Pins Terminals

PAGE 1/2 ISSUE 24-11-16 SERIE : SPnT PART NUMBER : R573002200

RF CHARACTERISTICS

Number of ways : 12
Frequency range : 0 - 3 GHz
Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.35
Insertion loss max	0.50 dB
Isolation min	70 dB
Average power (*)	400 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012
Life : 2.000.000 cycles per position

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <1100 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 **24-11-16** SERIE: SPnT PART NUMBER: **R573002200 DRAWING** MARKING 4 holes M4 /90° ø127 depth 7 Voltage RF Continuity ø101,6 -C +1 $\text{IN} \leftrightarrow 1$ -C +2 $IN \leftrightarrow 2$ -C +3 $IN \leftrightarrow 3$ ø67,7 -C +4 $\text{IN} \leftrightarrow 4$ -C +5 $\text{IN} \leftrightarrow 5$ -C +6 $IN \leftrightarrow 6$ -C +7 $IN \leftrightarrow 7$ $IN \leftrightarrow 8$ -C +8 -C +9 $IN \leftrightarrow 9$ -C +10 $IN \leftrightarrow 10$ IN ↔ 11 -C +11 IN ↔ 12 -C +12 ¥e≡ TERMINALS ω жèш **LABEL** mon dh noar TOP VIEW 1 **RADIALL®** R573002200 Ba×. 0 - 3 GHz Un: 12V 2 Lot : _ _ _ _ **BOTTOM** VIEW X e E General tolerances: ±0.5 mm SCHEMATIC DIAGRAM Power input terminals Actuators RF inputs

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