Technical Data Sheet



SP6T Terminated Ramses SMA 3GHz Normally open 12Vdc TTL Diodes

Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574302620

RF CHARACTERISTICS

Number of ways : 6

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 ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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

TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

- Low level : 0 to 0.8 V / 20 μ A at 0.8 V

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: **R574302620 DRAWING** 6 x M3 depth 4 [1.500] Ø38.10 TTL input RF Continuity E1 = 1 $IN \leftrightarrow \mathbf{1}$ E2 = 1 $IN \leftrightarrow 2$ E3 = 1 $IN \leftrightarrow 3$ E4 = 1IN ↔ 4 [1.760] Ø 44.70 IN ↔ 5 E5 = 1E6 = 1 $IN \leftrightarrow 6$ [0.256 min.] 6.50 min. Pin terminals **LABEL RADIALL®** [2.185 max.] 55.50 max. R574302620 0 - 3 GHz [0.303 max.] 7.70 max. Un: 12V BOTTOM VIEW Lot : _ _ _ _ 2 1 2.244 \emptyset 57 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Power input RTN E1 E2 terminals TTL-DAIVE Actuators IN n RF inputs

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