Technical Data Sheet



SP12T Terminated Ramses SMA 3GHz Latching Indicators 28Vdc Positive common Solder pins

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RF CHARACTERISTICS

Number of ways : 12
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 : LATCHING

Nominal current ** : 125 mA / RESET : 1500 mA ****

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE 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 : 2.000.000 cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 400 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 16.06.13 SERIE: SPnT PART NUMBER: **R574333210 DRAWING** ø68,3 ø55,88 4 holes M3 /90° Voltage RF Continuity Ind. ø40,64 depth 4 mm +C -RESET All ports open +C -1 $IN \leftrightarrow \mathbf{1}$ D.E MARKING +C -2 $\text{IN} \leftrightarrow 2$ D.F $\text{IN} \leftrightarrow 3$ D.G +C -3 +C -4 $\text{IN} \leftrightarrow 4$ D.H D.I $IN \leftrightarrow 5$ +C -5 +C -6 $IN \leftrightarrow 6$ D.J $\text{IN} \leftrightarrow 7$ D.K +C -7 +C -8 $IN \leftrightarrow 8$ D.L +C -9 IN ↔ 9 D.M IN ↔ 10 D.N +C -10 +C -11 $IN \leftrightarrow 11$ D.O **TERMINALS** $\text{IN} \leftrightarrow 12$ D.P +C -12 ¥e≡ **LABEL** ¥e∎ TOP VIEW **RADIALL®** ω R574333210 0 - 3 GHz Un: 28V പ്പ Lot : _ _ _ _ **BOTTOM** 2 X O.E. General tolerances: ±0.5 mm SCHEMATIC DIAGRAM Power input +C -RESET terminals D∳ Indicator terminals Actuators **RF** inputs

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