Technical Data Sheet



SP8T Ramses SMA 26.5GHz Latching 28Vdc Positive common Pins Terminals

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RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18	18 - 22	22 - 26.5
VSWR max	1,20	1,30	1,40	1,50	1,60	1,70	2,00
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB	0.70 dB	1.10 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	60 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W	90 W	40 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING

Nominal current ** : 125 mA / RESET : 1000 mA ****

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON

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

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 280 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 12-09-22 SERIE: SPnT PART NUMBER: R573F23810 **DRAWING** Voltage RF Continuity 4 x M3 +C -RESET All ports open Depth 4 +C -1 $IN \leftrightarrow 1$ $\text{IN} \leftrightarrow 2$ +C -2 [1.961] +C -3 $IN \leftrightarrow 3$ **6** Ø 49.80 +C -4 $IN \leftrightarrow 4\,$ +C -5 $IN \leftrightarrow 5\,$ +C -6 $IN \leftrightarrow 6$ +C -7 $\text{IN} \leftrightarrow 7$ +C -8 $IN \leftrightarrow 8$ **@** 1.760 Ø 44.70 0.374 min. [0.256 min.] 6.50 min. Pin terminals LABEL TOP VIEW **RADIALL®** R573F23810 [1.969 max.] 50 max. 0 - 26.5 GHz [0.303 max.] 7.70 max. Un: 28V Lot : _ _ _ _ воттом 2.240 Ø 56.90 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Power Input -RESET Terminals Actuators RF inputs

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