Technical Data Sheet



SP5T Terminated Ramses SMA 18GHz Normally open 28Vdc Positive common Diodes Pins Terminals

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RF CHARACTERISTICS

Number of ways : 5

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 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) / 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 : < 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 26-01-17 SERIE: SPnT PART NUMBER: **R574403540 DRAWING** 6 x M3 depth 4 ŝ 1.500 Voltage RF Continuity ້ Ø 38.10 2 +C -1 $IN \leftrightarrow \mathbf{1}$ +C -2 $IN \leftrightarrow 2$ 3 +C -3 $IN \leftrightarrow 3$ +C -4 $IN \leftrightarrow 4$ IN ↔ 5 +C -5 1.760 Ø 44.70 [0.256 min.] 6.50 min. Pin terminals LABEL **RADIALL®** TOP R574403540 [1.831 max.] 46.50 max. 0 - 18 GHz 7.70 max. Un: 28V Lot : _ _ _ _ воттом VIEW 1 2.244 \emptyset 57 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Power input terminals Actuators Π RF inputs

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