



SP3T Ramses SMA 18GHz Normally open Indicators 28Vdc Positive common Diodes Pins Terminals

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RF CHARACTERISTICS

Number of ways : 3

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

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.)

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 5 million cycles per position

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <180 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: **R573413340 DRAWING** [1.378] 35 [1.063] \emptyset 27 Voltage RF Continuity D.E +C -1 $IN \leftrightarrow \mathbf{1}$ +C -2 $IN \leftrightarrow 2$ D.F +C -3 $IN \leftrightarrow 3$ D.G [0.134] $4 \times \emptyset 3.40$ 1.752 □ 44.50 0.374 min. Pin terminals LABEL **RADIALL®** TOP V**I**EW R573413340 1.567 0 - 18 GHz Ø39.80 1.831 max.] Un: 28V 46.50 max. [0.303 max.] 7.70 max. BOTTOM VIEW Lot : _ _ _ _ [0.126] 3.20 2 1 General tolerances: ±0,5 mm [0,02 in] **SCHEMATIC DIAGRAM** Power input terminals +C Indicator terminals Actuators

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RF inputs