Technical Data Sheet



SP6T Ramses SMA2.9 40GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes Pins Terminals

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RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 40 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	1.95
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.00 dB
Isolation min	80 dB	70 dB	70 dB	60 dB	55 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

Indicator rating : 1 W / 30 V / 100 mA
Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
Life : 7 million cycles per position

Switching Time*** : < 40 msConstruction : Splashproof
Weight : < 220 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 10-04-25 SERIE: SPnT PART NUMBER: **R573893600 DRAWING** 6 x M3 depth 4 1.063 60° 6 Ø 27 Voltage RF Continuity -C +1 $IN \leftrightarrow \mathbf{1}$ D.E -C +2 $IN \leftrightarrow 2$ D.F **(6)** 3 -C +3 $IN \leftrightarrow 3$ D.G 30° -C +4 IN ↔ 4 D.H 1.508 $\text{IN} \leftrightarrow 5$ -C +5 D.I Ø38.30 -C +6 $\text{IN} \leftrightarrow 6$ D.J Pin terminals LABEL **RADIALL®** R573893600 [2.185 max.] 55.50 max. 0 - 40 GHz [0.264 max.] 6.70 max. Un: 28V Lot : _ _ _ _ BOTTOM VIEW 2 1 [2.244] \emptyset 57 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM <u>-c</u> OX Power Input Terminals CUT-OFF / AUTO-RESET ΕQ Indicator Terminals Actuators RF inputs

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