Technical Data Sheet



DPDT Ramses SMA 18GHz Latching Indicators 28Vdc Pins Terminals with bracket

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RF CHARACTERISTICS

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	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

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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DPDT Ramses SMA 18GHz Latching Indicators 28Vdc Pins Terminals with bracket

PAGE **2/2** ISSUE 11.04.14 SERIE: DPDT PART NUMBER: **R577443000 DRAWING** 16,2 4 SMA connectors 23,1 square panel drilling: DIA 8.5 min 16,2 LABEL 4 holes M3 depth 3,5 +1 +2 -C **RADIALL®** 45,7 R577443000 0 - 18 GHz Un: 28V Lot : ____ min. 3,5 3 4 4,1 33 20,3 15 \oplus 19 თ 55,3 33, ⊙ ⊙ ⊙ ⊙ ⊙ General tolerances: ±0.5 mm 32,3 SCHEMATIC DIAGRAM Indicator terminals 0 2 **O** 1 RF Continuity **•** C Voltage Ind. Actuator C.1 -C +1 $1 \leftrightarrow 3 / 2 \leftrightarrow 4$ 1 ↔ 2 / 3 ↔ 4 -C +2 Power input terminals RF input

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