Technical Data Sheet



DPDT Ramses SMA 3GHz Latching Indicators 12Vdc Pins Terminals with bracket

PAGE 1/2 ISSUE 11-04-17 SERIE : DPDT PART NUMBER : R577342000

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / 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

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <100 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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RF input

DPDT Ramses SMA 3GHz Latching Indicators 12Vdc Pins Terminals with bracket

PAGE **2/2** ISSUE 11-04-17 SERIE: DPDT PART NUMBER: **R577342000 DRAWING** [0.909] 23.10 0.638 □ 16.20 4 x M3 depth 3.50 LABEL **(** [0.909] 23.10 +1 +2 -€ 1 2 C **RADIALL®** R577342000 0 - 3 GHz Un: 12V Lot : _ _ _ _ [1.799] [0.138 min.] 45.70 3.50 min. $\dot{\oplus}$ max. max \oplus 50 0.750 0.161 3x Ø 4.10 [0.303 max.] 7.70 max. [2.177] 55.30 0.059 000 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals Voltage RF Continuity Ind. C.1 **O** 1 -C 1 ↔ 2 / 3 ↔ 4 -C +2 **O** C Actuator -C

Power input terminals

Mouser Electronics

Authorized Distributor

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Radiall: R577342000