Technical Data Sheet



DPDT Ramses SMA 3GHz Latching 28Vdc TTL Diodes Pins Terminals with bracket

PAGE 1/2 ISSUE 16-03-16 SERIE : DPDT PART NUMBER : R577333100

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 ** : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)
TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : < 15 msConstruction : 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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Technical Data Sheet



DPDT Ramses SMA 3GHz Latching 28Vdc TTL Diodes Pins Terminals with bracket

PAGE **2/2** ISSUE 16-03-16 SERIE: DPDT PART NUMBER: **R577333100 DRAWING** 16,2 4 SMA connectors 23,1 square panel drilling: 16,2 DIA 8.5 min LABEL 4 holes M3 depth 3,5 E1 E2 GND VCC **RADIALL®** 45,7 R577333100 0 - 3 GHz Un: 28V Lot : _ _ _ _ 3 ¢ 4,1 20,3 33 19. m 55,3 1,5 33,8 $\odot \odot \odot \odot$ General tolerances: ±0.5 mm 32,3 SCHEMATIC DIAGRAM Actuator O Vcc RF Continuity TTL input **▶**O RTN $1 \leftrightarrow 3 \ / \ 2 \leftrightarrow 4$ E1=1 / E2=0 O E1 E1=0 / E2=1 1 ↔ 2 / **o** E2 E1=0 / E2=0 Memory Forbidden E1=1 / E2=1 Power input **RF** input terminals