# **Technical Data Sheet**



DPDT Ramses SMA 3GHz Failsafe 28Vdc Diodes Pins Terminals

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### 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 : FAILSAFE
Nominal current \*\* : 140 mA

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

Terminals : solder pins (250°C max. / 30 sec.)

### 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**

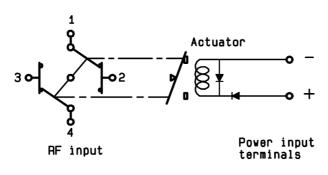


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PAGE **2/2** ISSUE 22-03-22 SERIE: DPDT PART NUMBER: **R577313032 DRAWING** 0.909 23.10  $\oplus$ **LABEL RADIALL®** 4 x M3 R577313032 depth 3.50 0 - 3 GHz Un: 28V 0.138 min.] 3.50 min. Lot : \_ \_ \_ \_ 0.303 max. [1.555 max.] 39.50 max. General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM

Position: De energized



| Voltage      | RF Continuity                               |
|--------------|---|
| energized    | $1 \leftrightarrow 3 / 2 \leftrightarrow 4$ |
| De-energized | $1 \leftrightarrow 2 / 3 \leftrightarrow 4$ |