# **Technical Data Sheet**



DPDT Ramses SMA 26.5GHz Latching 28Vdc Pins Terminals with bracket

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### RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  | 3 - 8   | 8 - 12.4 | 12.4 - 18 | 18 - 26.5 |
|--------------------|---------|---------|----------|-----------|-----------|
| VSWR max           | 1.20    | 1.30    | 1.40     | 1.50      | 1.70      |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB  | 0.50 dB   | 0.70 dB   |
| Isolation min      | 80 dB   | 70 dB   | 65 dB    | 60 dB     | 50 dB     |
| Average power (*)  | 240 W   | 150 W   | 120 W    | 100 W     | 40 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.)

#### 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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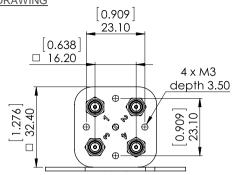


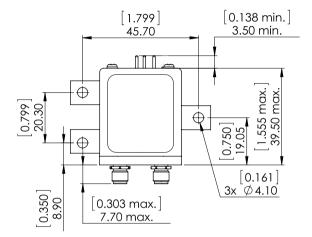
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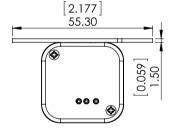
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DRAWING

[0.909]

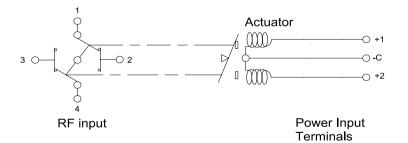






General tolerances: ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM



| LABEL   |  |
|---|--|
| +1 +2 -C  |  |
| RADIALL®<br>R577F33000<br>0 - 26.5 GHz<br>Un : 28V<br>Lot : |  |

| Voltage | RF Continuity                               |  |  |
|---------|---|--|--|
| -C +1   | $1 \leftrightarrow 3 / 2 \leftrightarrow 4$ |  |  |
| -C +2   | $1 \leftrightarrow 2 / 3 \leftrightarrow 4$ |  |  |