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ISSUE 22-03-22

SERIE : DPDT

PART NUMBER : R577943012

## RF CHARACTERISTICS

Frequency range : 0 - 2.5 GHz  
Impedance : 75 Ohms

| Frequency (GHz)    | DC - 1  | 1 - 2.5 |
|--------------------|---------|---------|
| VSWR max           | 1.20    | 1.30    |
| Insertion loss max | 0.20 dB | 0.30 dB |
| Isolation min      | 80 dB   | 70 dB   |
| Average power (*)  | 400 W   | 240 W   |

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 125 mA  
Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON  
Terminals : solder pins (250°C max. / 30 sec.)  
Indicator rating : 1 W / 30 V / 100 mA

## MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13  
Life : 2.5 million cycles  
Switching Time\*\*\* : < 15 ms  
Construction : Splashproof  
Weight : < 100 g

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C  
Storage temperature range : -40°C to +85°C

(\*) Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\*) Nominal voltage ; 25° C)



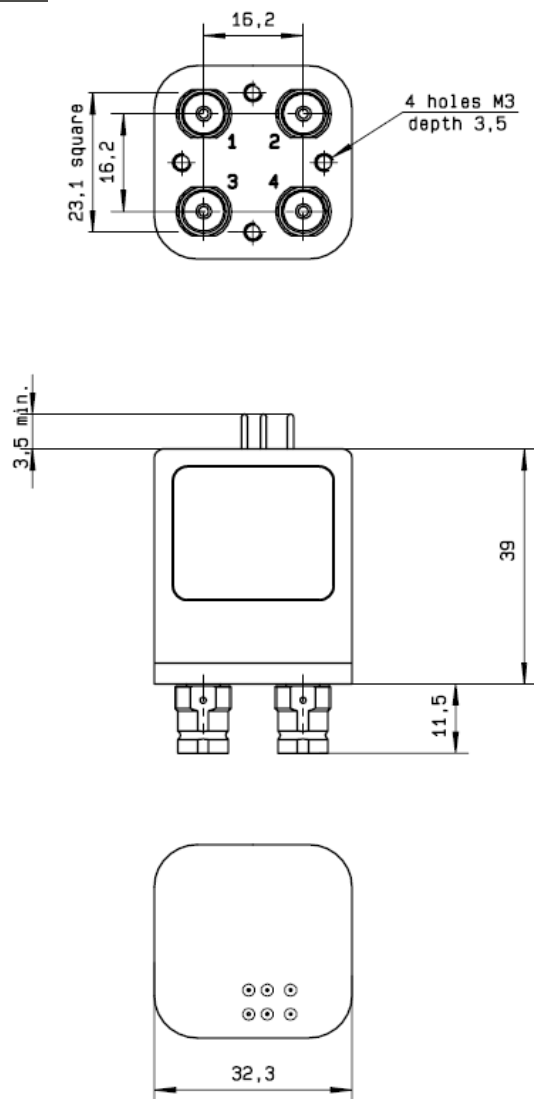
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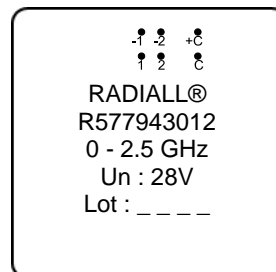
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DRAWING

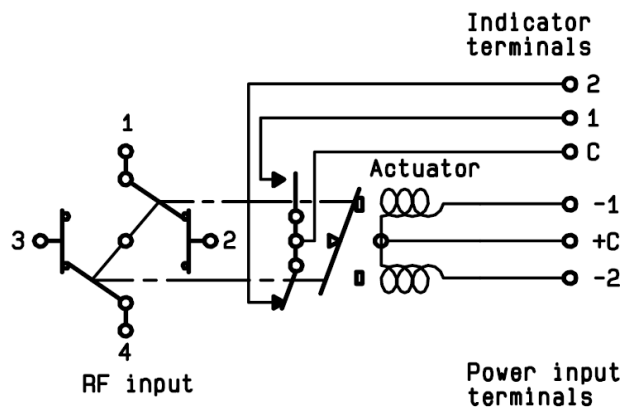


General tolerances :  $\pm 0,5$  mm [0,02 in]

**LABEL**



SCHEMATIC DIAGRAM



| Voltage | RF Continuity | Ind. |
|---------|---------------|------|
| +C -1   | 1 ↔ 3 / 2 ↔ 4 | C.1  |
| +C -2   | 1 ↔ 2 / 3 ↔ 4 | C.2  |