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ISSUE 25-10-16

SERIE : DPDT

PART NUMBER : R577043040

## RF CHARACTERISTICS

Frequency range : 0 - 3 GHz  
Impedance : 50 Ohms

| Frequency (GHz)    | DC - 1  | 1 - 2   | 2 - 3   |
|--------------------|---------|---------|---------|
| VSWR max           | 1.15    | 1.20    | 1.25    |
| Insertion loss max | 0.15 dB | 0.20 dB | 0.25 dB |
| Isolation min      | 85 dB   | 80 dB   | 75 dB   |
| Average power (*)  | 700 W   | 500 W   | 400 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 : N female per MIL-C 39012  
Life : 2.5 million cycles  
Switching Time\*\*\* : < 15 ms  
Construction : Splashproof  
Weight : < 215 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)



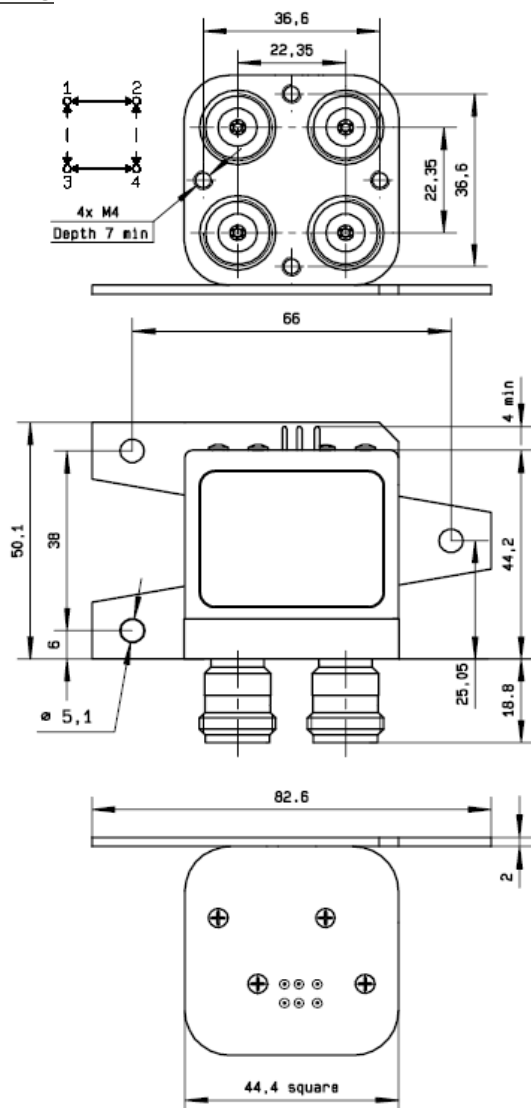
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DRAWING



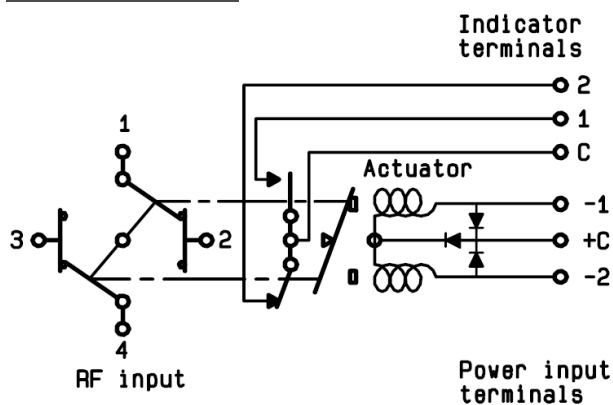
**LABEL**

-1 -2 +C  
 1 2 C  
**RADIALl®**  
**R577043040**  
 0 - 3 GHz  
 Un : 28V  
 Lot : \_ \_ \_ \_



General tolerances :  $\pm 0.5$  mm

SCHEMATIC DIAGRAM



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