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ISSUE 06-02-18

SERIE : DPDT

PART NUMBER : R577042010

## 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 \*\* : 320 mA  
Actuator voltage (Vcc) : 12V (10.2 to 13V) / 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)



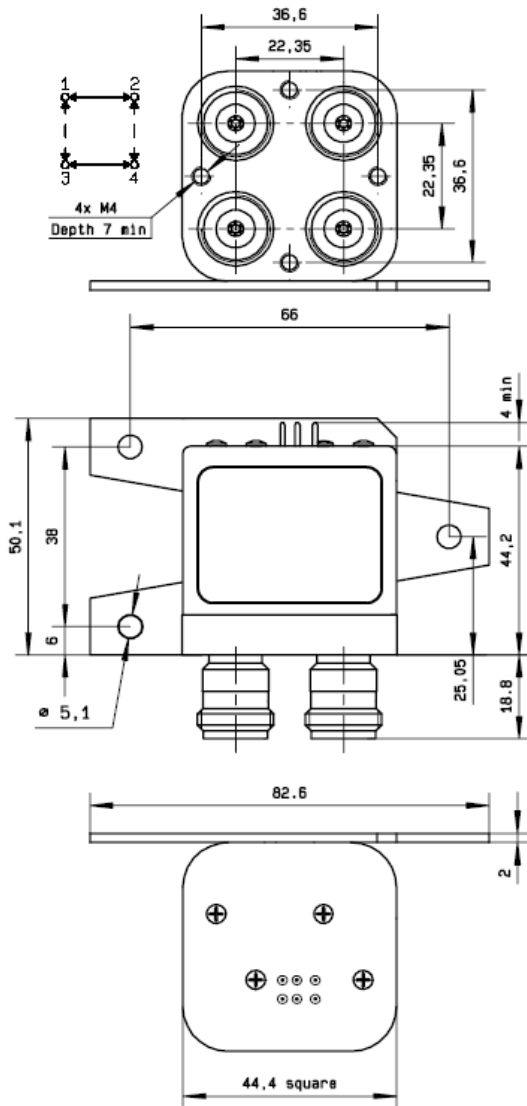
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DRAWING

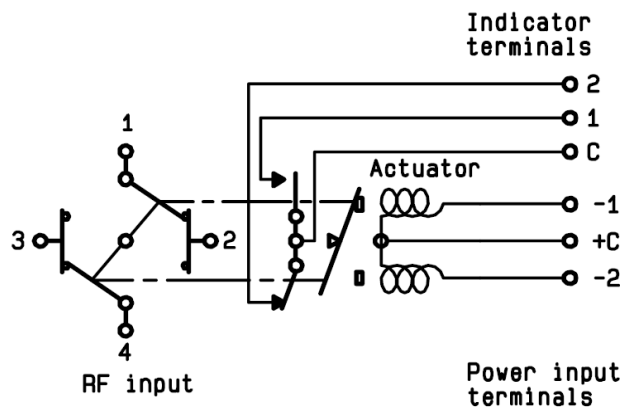


General tolerances :  $\pm 0,5$  mm [0,02 in]

**LABEL**

-1 2 +C  
 1 2 C  
 RADIALL®  
 R577042010  
 0 - 3 GHz  
 Un : 12V  
 Lot : \_ \_ \_ \_

SCHEMATIC DIAGRAM



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