

PAGE 1/2

ISSUE 22-03-22

SERIE : SPDT

PART NUMBER : R570923100

## 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 : FAILSAFE  
Nominal current \*\* : 102 mA  
Actuator voltage (Vcc) : 28V (24 to 30V)  
Terminals : solder pins (250°C max. / 30 sec.)  
Indicator rating : 1 W / 30 V / 100 mA  
TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V  
- Low level : 0 to 0.8 V / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13  
Life : 5 million cycles  
Switching Time\*\*\* : < 10 ms  
Construction : Splashproof  
Weight : < 45 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)



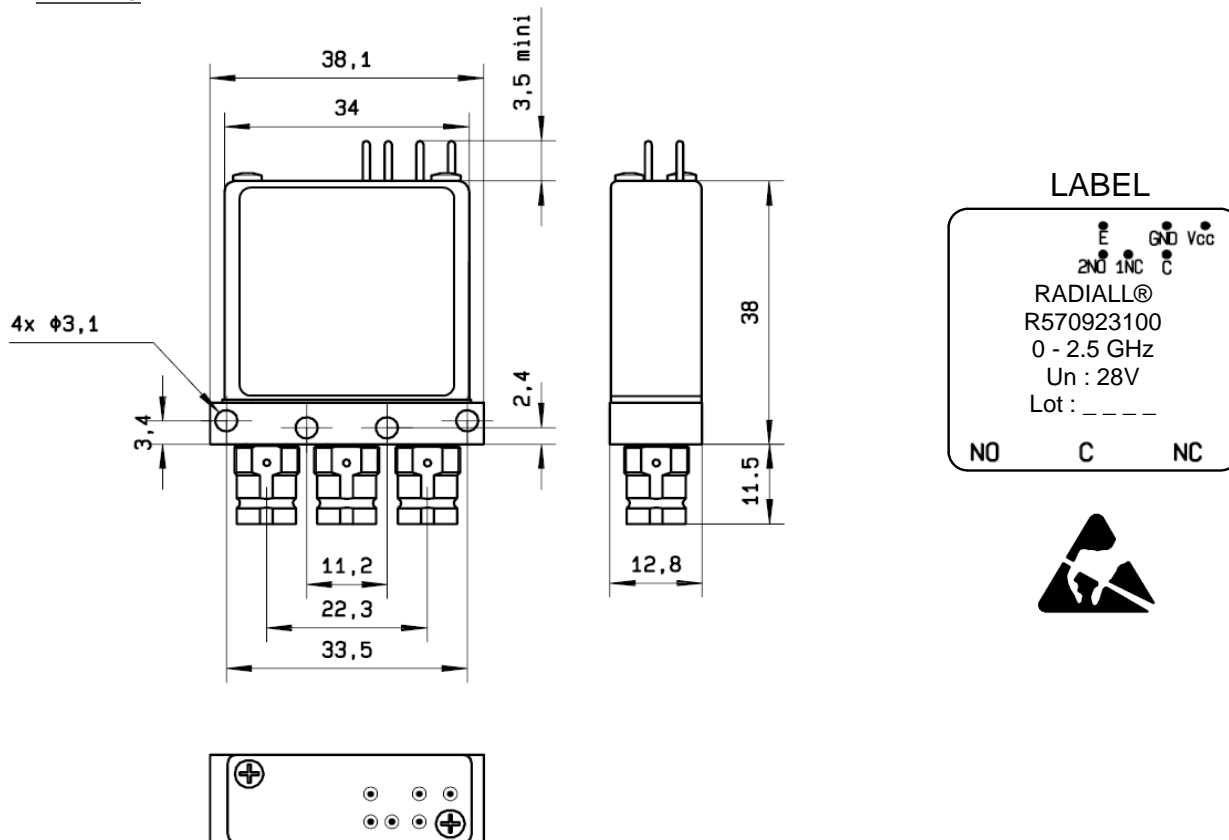
PAGE 2/2

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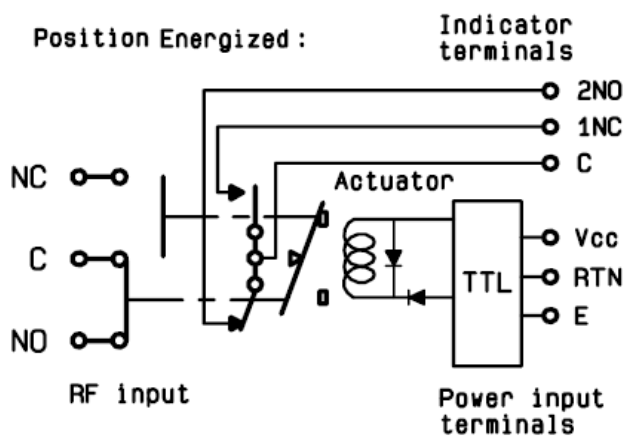
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DRAWING



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

SCHEMATIC DIAGRAM



| TTL input | RF Continuity          | Ind.  |
|-----------|------------------------|-------|
| E = 0     | C $\leftrightarrow$ NC | C.1NC |
| E = 1     | C $\leftrightarrow$ NO | C.2NO |