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ISSUE **22-03-22**

SERIE : **SPnT**

PART NUMBER : **R573323345**

## RF CHARACTERISTICS

Number of ways : **3**  
 Frequency range : **0 - 3 GHz**  
 Impedance : **50 Ohms**

| Frequency (GHz)    | DC - 3         |
|--------------------|----------------|
| VSWR max           | <b>1.20</b>    |
| Insertion loss max | <b>0.20 dB</b> |
| Isolation min      | <b>80 dB</b>   |
| Average power (*)  | <b>240 W</b>   |

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **125 mA / RESET : 375 mA \*\*\*\***  
 Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE COMMON**  
 Terminals : **25 pins D-SUB male connector**

## MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**  
 Life : **5 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 220 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)

(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



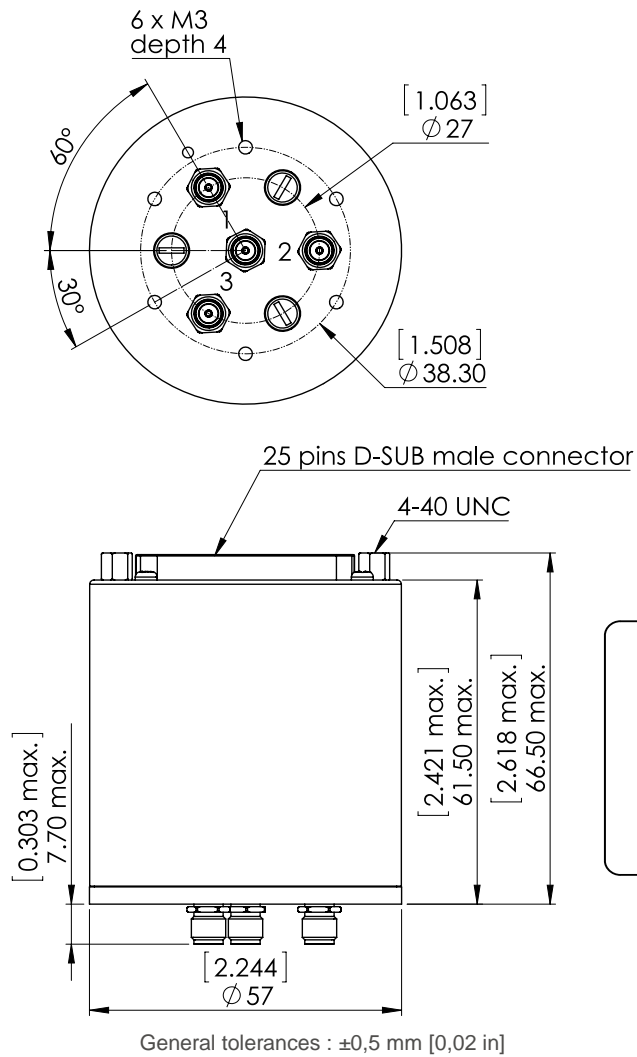
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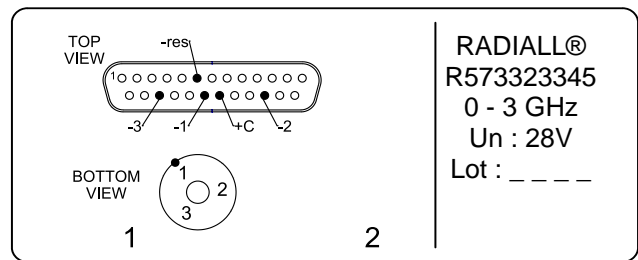
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DRAWING



| Voltage   | RF Continuity          |
|-----------|------------------------|
| +C -RESET | All ports open         |
| +C -1     | IN $\leftrightarrow$ 1 |
| +C -2     | IN $\leftrightarrow$ 2 |
| +C -3     | IN $\leftrightarrow$ 3 |

LABEL



SCHEMATIC DIAGRAM

