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ISSUE **22-03-22**

SERIE : **SPnT**

PART NUMBER : **R573252425**

## RF CHARACTERISTICS

Number of ways : **4**  
 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>400 W</b>   |

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **320 mA / RESET : 1280 mA \*\*\*\***  
 Actuator voltage (Vcc) : **12V (10.2 to 13V)**  
 Terminals : **25 pins D-SUB male connector**  
 Indicator rating : **1 W / 30 V / 100 mA**  
 Self cut-off time : **40 ms < CT < 120 ms**  
 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 : **BNC female per MIL-C 39012**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 460 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%)



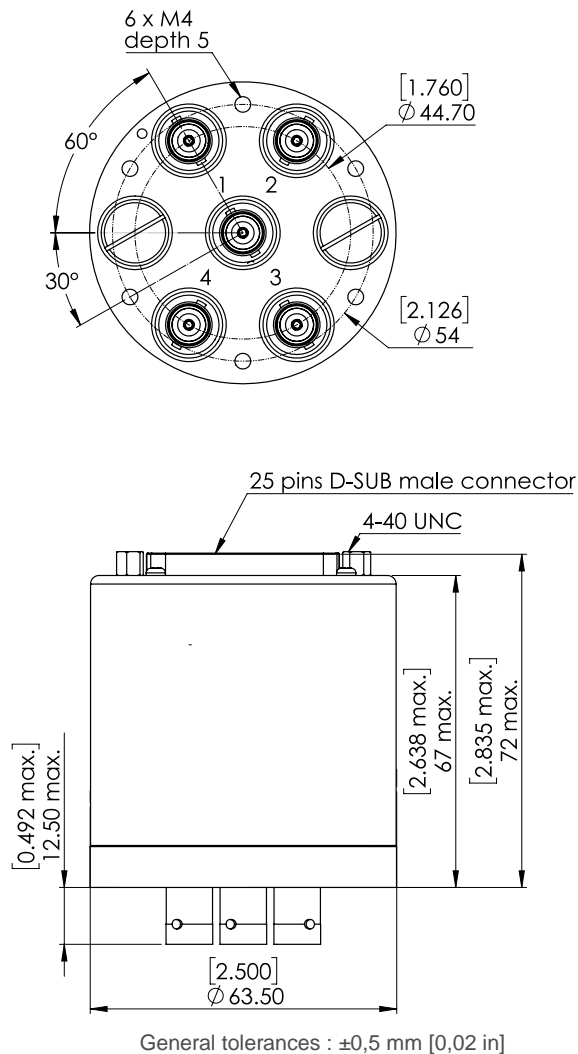
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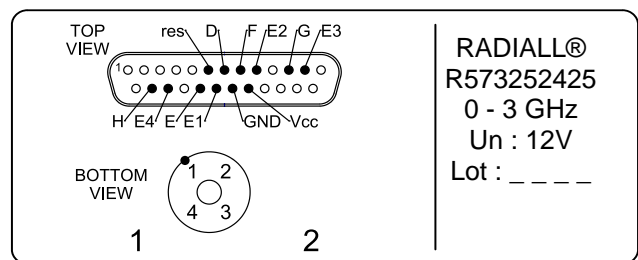
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DRAWING



| TTL input | RF Continuity          | Ind. |
|-----------|------------------------|------|
| RESET = 1 | All ports open         | - -  |
| E1 = 1    | IN $\leftrightarrow$ 1 | D.E  |
| E2 = 1    | IN $\leftrightarrow$ 2 | D.F  |
| E3 = 1    | IN $\leftrightarrow$ 3 | D.G  |
| E4 = 1    | IN $\leftrightarrow$ 4 | D.H  |

**LABEL**



**RADIALl®**  
**R573252425**  
 0 - 3 GHz  
 Un : 12V  
 Lot : \_ \_ \_ \_

SCHEMATIC DIAGRAM

