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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573393425

## RF CHARACTERISTICS

Number of ways : 4  
Frequency range : 0 - 3 GHz  
Impedance : 50 Ohms

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

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 250 mA  
Actuator voltage (Vcc) : 28V (24 to 30V)  
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 : SMA female per MIL-C 39012  
Life : 5 million cycles per position  
Switching Time\*\*\* : < 40 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)



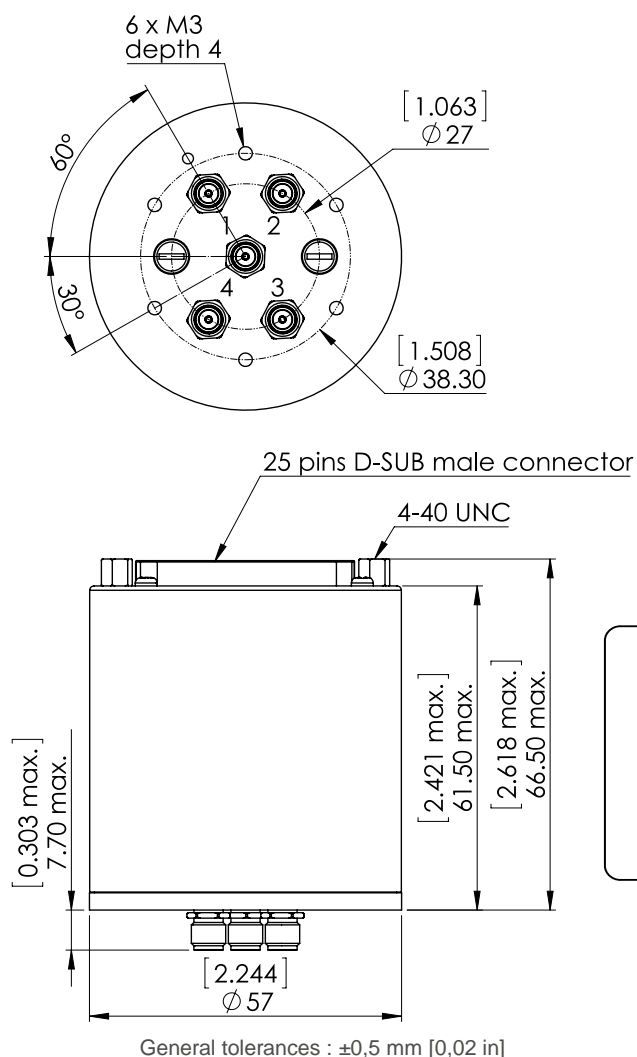
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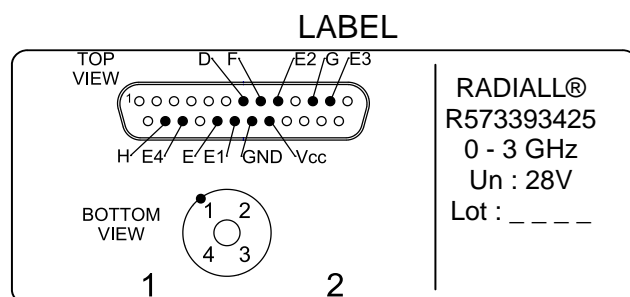
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DRAWING



| TTL input | RF Continuity          | Ind. |
|-----------|------------------------|------|
| 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  |



SCHEMATIC DIAGRAM

