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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R574393425

## 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>240 W</b>

TERMINATION IMPEDANCE : **50 Ohms**  
 TERM. AVG. POWER AT 25° C : **1 W per termination / 3 W total power**

## 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 : **2 million cycles per position**  
 Switching Time\*\*\* : **< 40 ms**  
 Construction : **Splashproof**  
 Weight : **< 250 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)



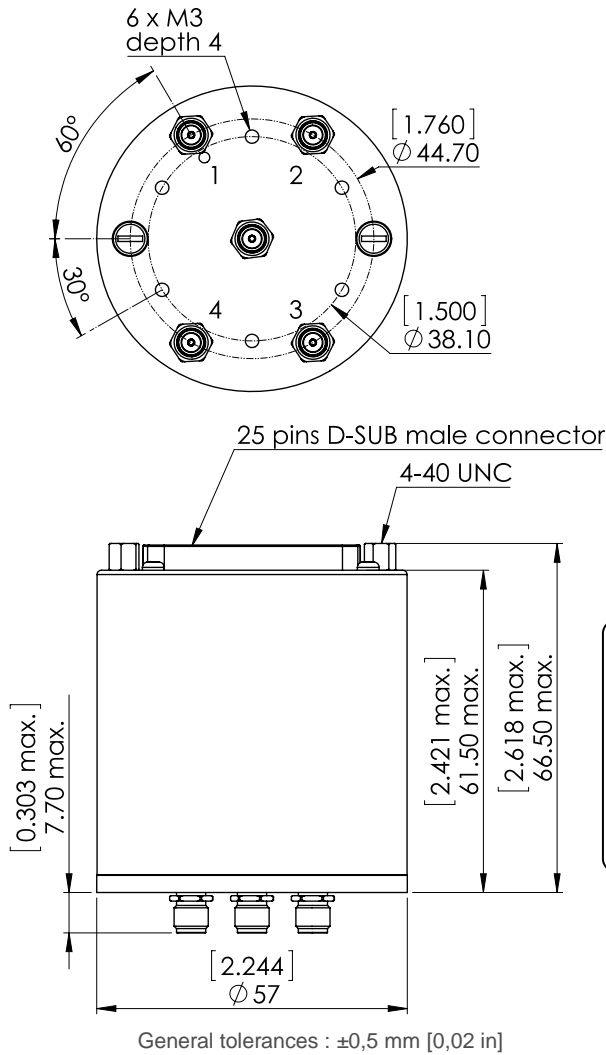
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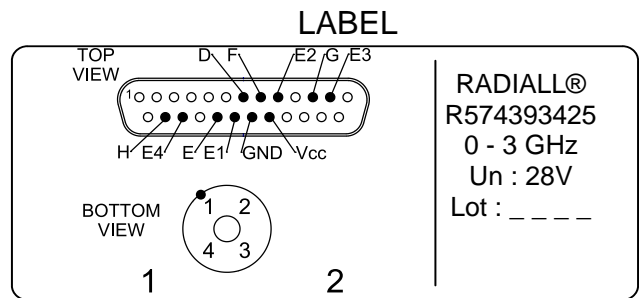
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**DRAWING**



TTL input	RF Continuity	Ind.
E1 = 1	IN ↔ 1	D,E
E2 = 1	IN ↔ 2	D,F
E3 = 1	IN ↔ 3	D,G
E4 = 1	IN ↔ 4	D,H



**SCHEMATIC DIAGRAM**

