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ISSUE 10-07-19

SERIE : SPnT

PART NUMBER : R574332525

## RF CHARACTERISTICS

Number of ways : 5  
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   |

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

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 320 mA / RESET : 1600 mA \*\*\*\*  
Actuator voltage (Vcc) : 12V (10.2 to 13V)  
Terminals : 25 pins D-SUB male connector  
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 : SMA female per MIL-C 39012  
Life : 2 million cycles per position  
Switching Time\*\*\* : < 15 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)  
(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



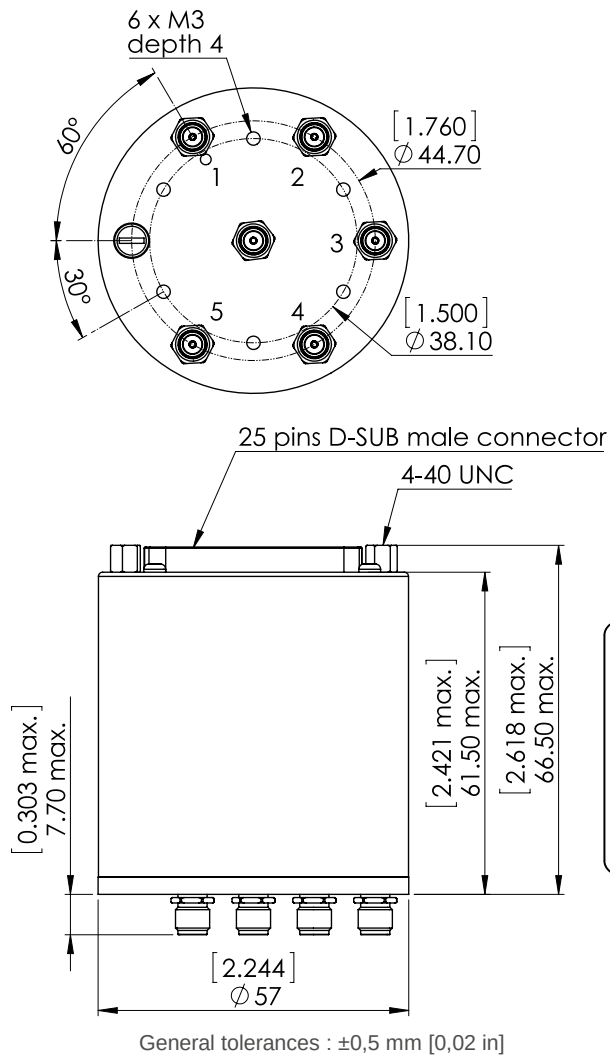
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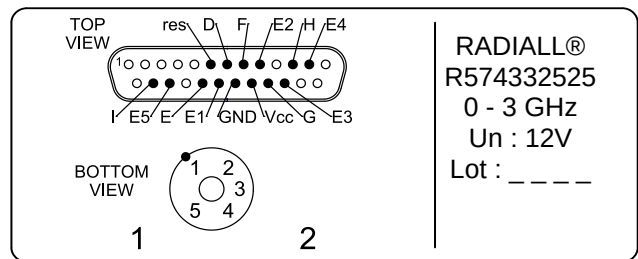
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DRAWING

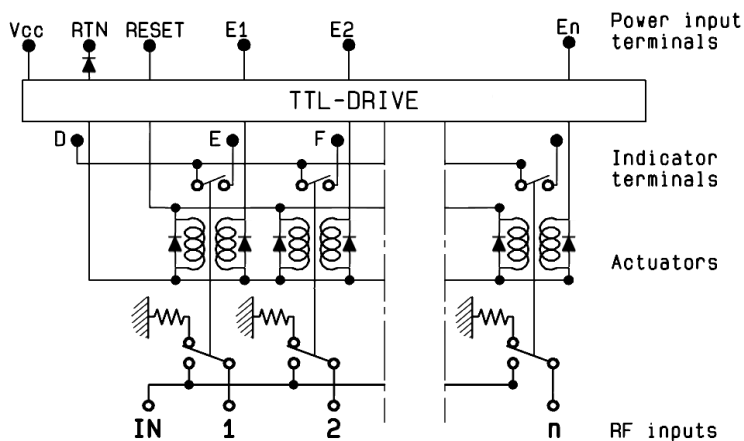


| TTL input | RF Continuity  | Ind. |
|-----------|----------------|------|
| RESET = 1 | All ports open | - -  |
| E1 = 1    | IN ↔ 1         | D.E  |
| E2 = 1    | IN ↔ 2         | D.F  |
| E3 = 1    | IN ↔ 3         | D.G  |
| E4 = 1    | IN ↔ 4         | D.H  |
| E5 = 1    | IN ↔ 5         | D.I  |

**LABEL**



SCHEMATIC DIAGRAM



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