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ISSUE 10-07-19

SERIE : SPnT

PART NUMBER : R573123400

## RF CHARACTERISTICS

Number of ways : 4  
Frequency range : 0 - 12.4 GHz  
Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  | 3 - 8   | 8 - 12.4 |
|--------------------|---------|---------|----------|
| VSWR max           | 1.20    | 1.35    | 1.50     |
| Insertion loss max | 0.20 dB | 0.35 dB | 0.50 dB  |
| Isolation min      | 80 dB   | 70 dB   | 60 dB    |
| Average power (*)  | 400 W   | 250 W   | 200 W    |

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 125 mA / RESET : 500 mA \*\*\*\*  
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
Terminals : solder pins (250°C max. / 30 sec.)

## MECHANICAL CHARACTERISTICS

Connectors : N 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%)



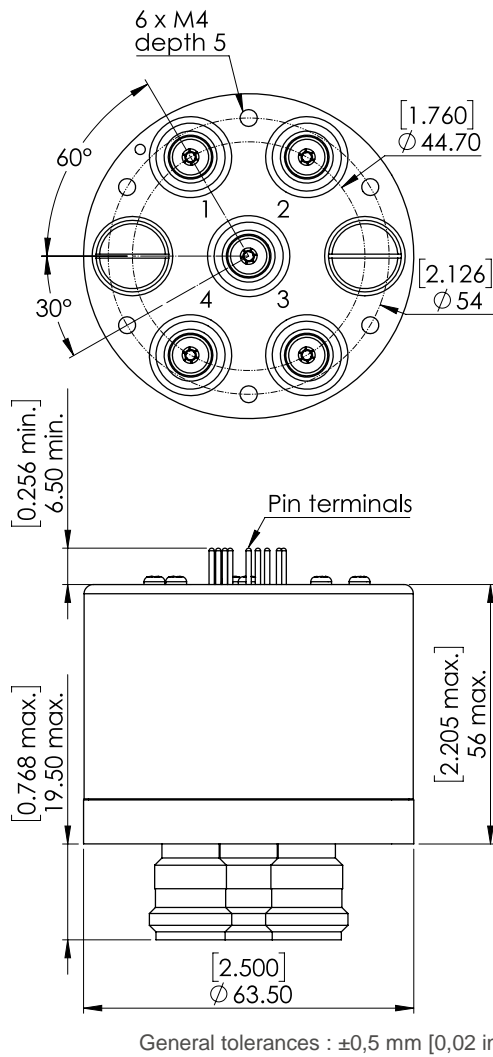
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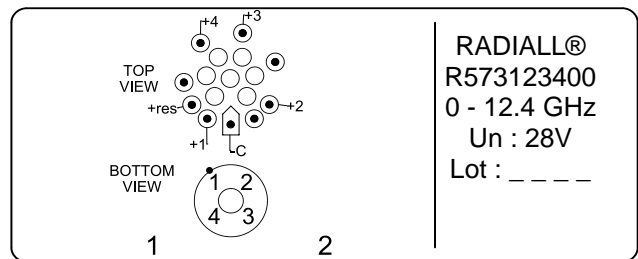
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DRAWING



| Voltage   | RF Continuity          |
|-----------|------------------------|
| -C +RESET | All ports open         |
| -C +1     | IN $\leftrightarrow$ 1 |
| -C +2     | IN $\leftrightarrow$ 2 |
| -C +3     | IN $\leftrightarrow$ 3 |
| -C +4     | IN $\leftrightarrow$ 4 |

**LABEL**



SCHEMATIC DIAGRAM

