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SERIE : SPnT

PART NUMBER : R573J02410

## RF CHARACTERISTICS

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

| Frequency (GHz)    | DC - 6  | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 | 40 - 50 |
|--------------------|---------|----------|-----------|-----------|-----------|---------|
| VSWR max           | 1.30    | 1.40     | 1.50      | 1.70      | 1.90      | 2.20    |
| Insertion loss max | 0.20 dB | 0.40 dB  | 0.50 dB   | 0.70 dB   | 0.90 dB   | 1.20 dB |
| Isolation min      | 70 dB   | 60 dB    | 60 dB     | 55 dB     | 50 dB     | 50 dB   |
| Average power (*)  | 40 W    | 30 W     | 25 W      | 15 W      | 5 W       | 3 W     |

## ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**  
 Nominal current \*\* : **250 mA**  
 Actuator voltage (Vcc) : **12V (10.2 to 13V) / POSITIVE COMMON**  
 Terminals : **solder pins (250°C max. / 30 sec.)**

## MECHANICAL CHARACTERISTICS

Connectors : **2.4mm female (Accoding to IEEE STD 287)**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 180 g**

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-25°C to +70°C**  
 Storage temperature range : **-40°C to +85°C**

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage ; 25° C)



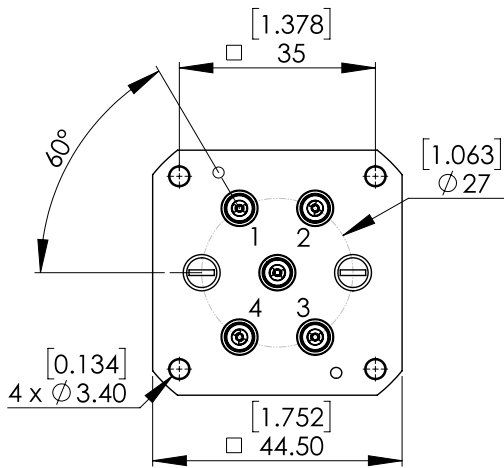
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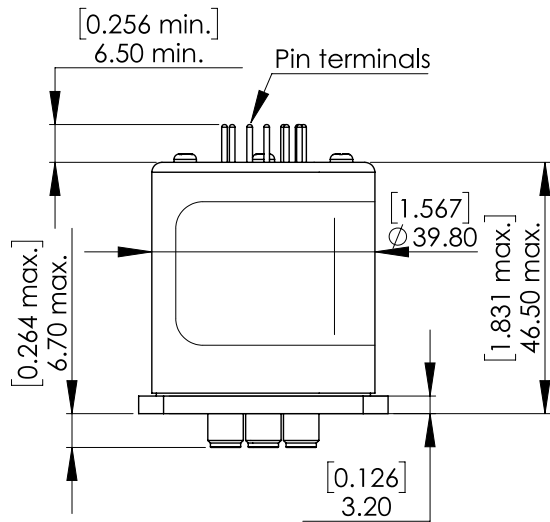
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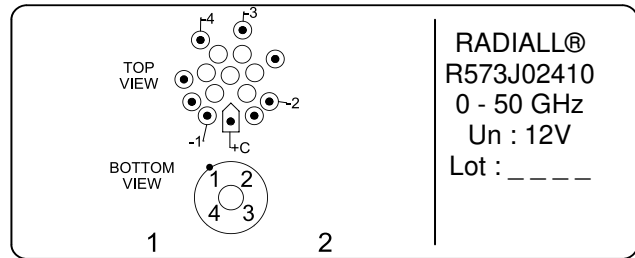
DRAWING



| Voltage | RF Continuity |
|---------|---------------|
| +C -1   | IN ↔ 1        |
| +C -2   | IN ↔ 2        |
| +C -3   | IN ↔ 3        |
| +C -4   | IN ↔ 4        |



**LABEL**



General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

