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SERIE : SPnT

PART NUMBER : R573F23410

## RF CHARACTERISTICS

Number of ways : 4  
Frequency range : 0 - 26.5 GHz  
Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  | 3 - 8   | 8 - 12.4 | 12.4 - 18 | 18-26.5 |
|--------------------|---------|---------|----------|-----------|---------|
| VSWR max           | 1,20    | 1,30    | 1,40     | 1,50      | 1,70    |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB  | 0.50 dB   | 0.70 dB |
| Isolation min      | 80 dB   | 70 dB   | 60 dB    | 60 dB     | 50 dB   |
| Average power (*)  | 240 W   | 150 W   | 120 W    | 100 W     | 40 W    |

## ELECTRICAL CHARACTERISTICS

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

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012  
Life : 5 million cycles per position  
Switching Time\*\*\* : < 15 ms  
Construction : Splashproof  
Weight : < 180 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%)



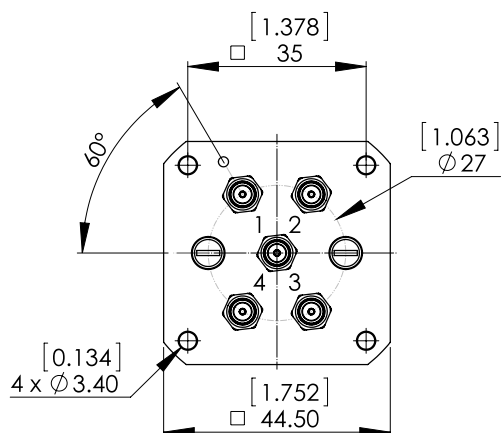
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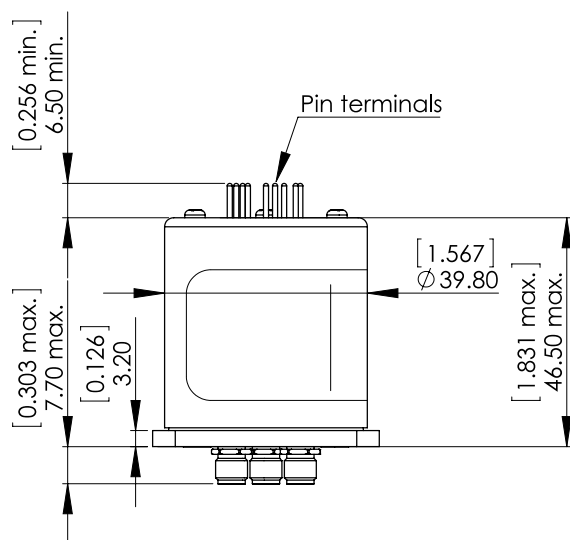
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DRAWING

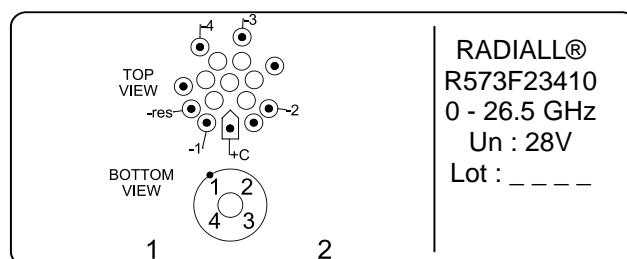


| Voltage   | RF Continuity  |
|-----------|----------------|
| +C -RESET | All ports open |
| +C -1     | IN ↔ 1         |
| +C -2     | IN ↔ 2         |
| +C -3     | IN ↔ 3         |
| +C -4     | IN ↔ 4         |



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

**LABEL**



SCHEMATIC DIAGRAM

