

PAGE 1/2

ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573E03305

## RF CHARACTERISTICS

Number of ways : 3  
Frequency range : 0 - 6 GHz  
Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  | 3 - 6   |
|--------------------|---------|---------|
| VSWR max           | 1.20    | 1.30    |
| Insertion loss max | 0.20 dB | 0.30 dB |
| Isolation min      | 80 dB   | 70 dB   |
| Average power (*)  | 240 W   | 170 W   |

## ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN  
Nominal current \*\* : 102 mA  
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
Terminals : 25 pins D-SUB male connector

## MECHANICAL CHARACTERISTICS

Connectors : QMA female per MIL-C 39012  
Life : 5 million cycles per position  
Switching Time\*\*\* : < 15 ms  
Construction : Splashproof  
Weight : < 220 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)



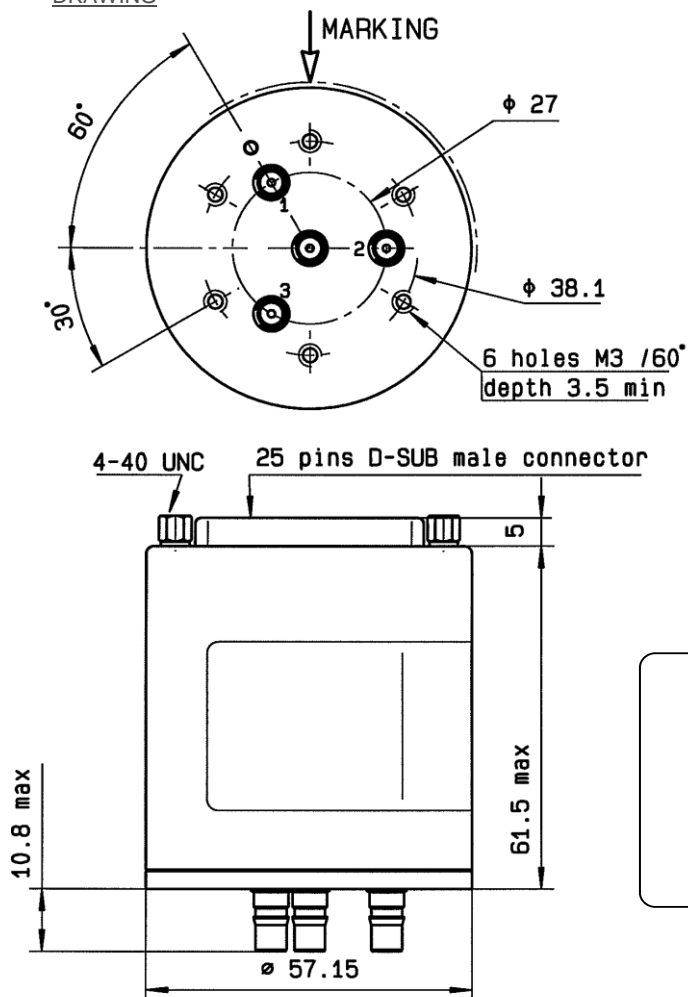
PAGE 2/2

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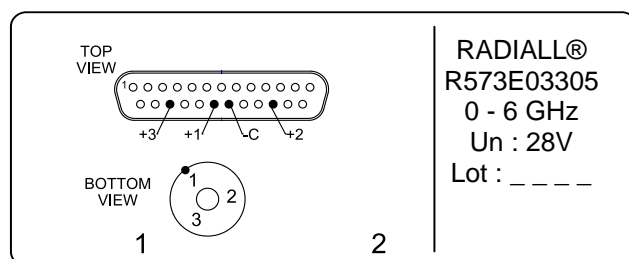
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DRAWING



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

LABEL



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

SCHEMATIC DIAGRAM

