

PAGE 1/2

ISSUE 22-09-15

SERIE : SPnT

PART NUMBER : R573703425

## RF CHARACTERISTICS

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

| Frequency (GHz)    | DC - 6  | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 |
|--------------------|---------|----------|-----------|-----------|
| VSWR max           | 1,30    | 1,40     | 1,50      | 1,70      |
| Insertion loss max | 0.20 dB | 0.40 dB  | 0.50 dB   | 0.70 dB   |
| Isolation min      | 70 dB   | 60 dB    | 60 dB     | 55 dB     |
| Average power (*)  | 40 W    | 30 W     | 25 W      | 15 W      |

## ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN  
Nominal current \*\* : 102 mA  
Actuator voltage (Vcc) : 28V (24 to 30V)  
Terminals : 25 pins D-SUB male connector  
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 2.9 female per MIL-C 39012  
Life : 2.000.000 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)



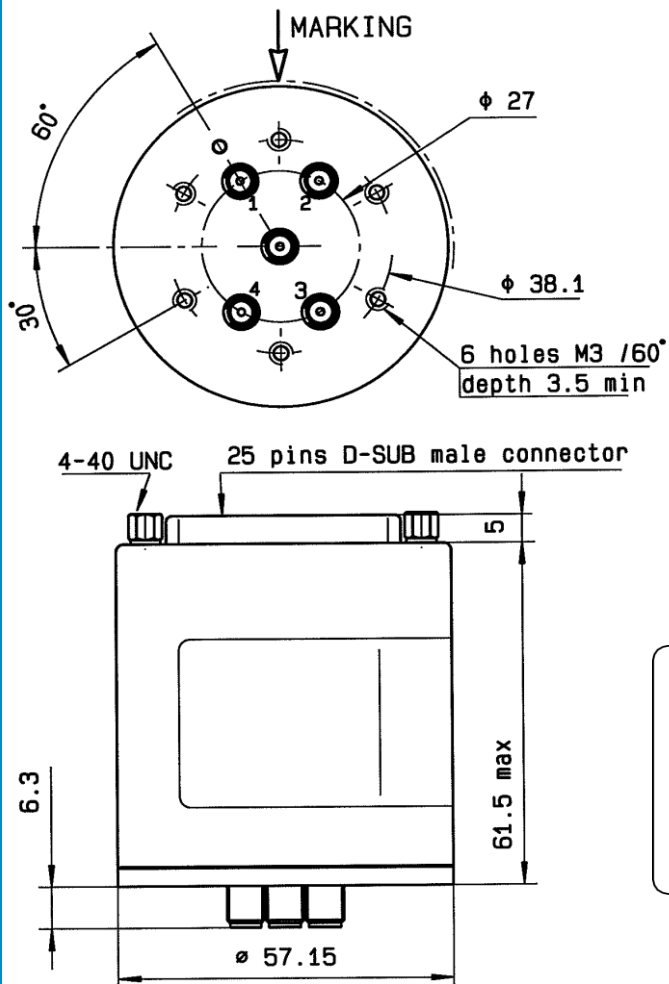
PAGE 2/2

ISSUE 22-09-15

SERIE : SPnT

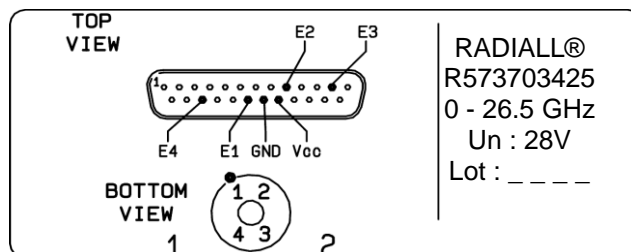
PART NUMBER : R573703425

DRAWING



| TTL input | RF Continuity          |
|-----------|------------------------|
| E1 = 1    | IN $\leftrightarrow$ 1 |
| E2 = 1    | IN $\leftrightarrow$ 2 |
| E3 = 1    | IN $\leftrightarrow$ 3 |
| E4 = 1    | IN $\leftrightarrow$ 4 |

LABEL



General tolerances :  $\pm 0.5$  mm

SCHEMATIC DIAGRAM

