

PAGE 1/2

ISSUE 10-04-25

SERIE : SPnT

PART NUMBER : R573802445

RF CHARACTERISTICS

Number of ways : 4
Frequency range : 0 - 40 GHz
Impedance : 50 Ohms

| Frequency (GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 |
|--------------------|---------|----------|-----------|-----------|-----------|
| VSWR max | 1.30 | 1.40 | 1.50 | 1.70 | 1.95 |
| Insertion loss max | 0.20 dB | 0.40 dB | 0.50 dB | 0.70 dB | 1.00 dB |
| Isolation min | 80 dB | 70 dB | 70 dB | 60 dB | 55 dB |
| Average power (*) | 40 W | 30 W | 25 W | 15 W | 5 W |

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN
Nominal current ** : 250 mA
Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON
Terminals : 25 pins D-SUB male connector

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
Life : 7 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)



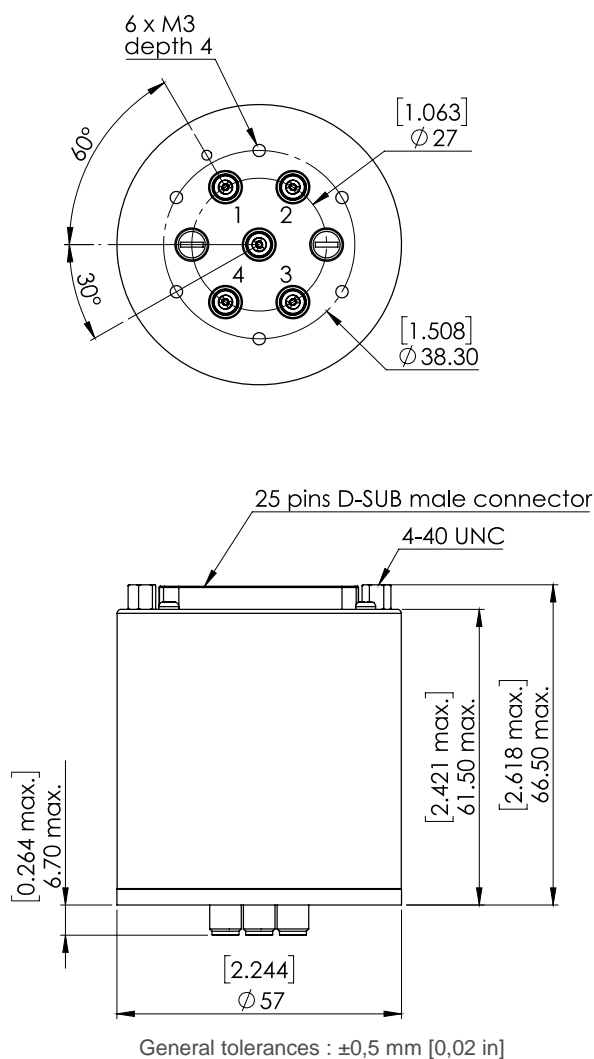
PAGE 2/2

ISSUE 10-04-25

SERIE : SPnT

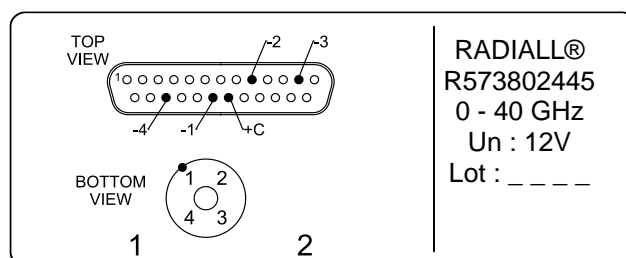
PART NUMBER : R573802445

DRAWING



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

LABEL



SCHEMATIC DIAGRAM

