

PAGE 1/2

ISSUE 12-09-22

SERIE : SPnT

PART NUMBER : R574122425

RF CHARACTERISTICS

Number of ways : 4
Frequency range : 0 - 12.4 GHz
Impedance : 50 Ohms

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 |
|--------------------|---------|---------|----------|
| VSWR max | 1,20 | 1,35 | 1,50 |
| Insertion loss max | 0.20 dB | 0.35 dB | 0.50 dB |
| Isolation min | 80 dB | 70 dB | 60 dB |
| Average power (*) | 400 W | 250 W | 200 W |

TERMINATION IMPEDANCE : 50 Ohms
TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 320 mA / RESET : 1280 mA ****
Actuator voltage (Vcc) : 12V (10.2 to 13V)
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 : N female per MIL-C 39012
Life : 2 million cycles per position
Switching Time*** : < 15 ms
Construction : Splashproof
Weight : < 460 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%)



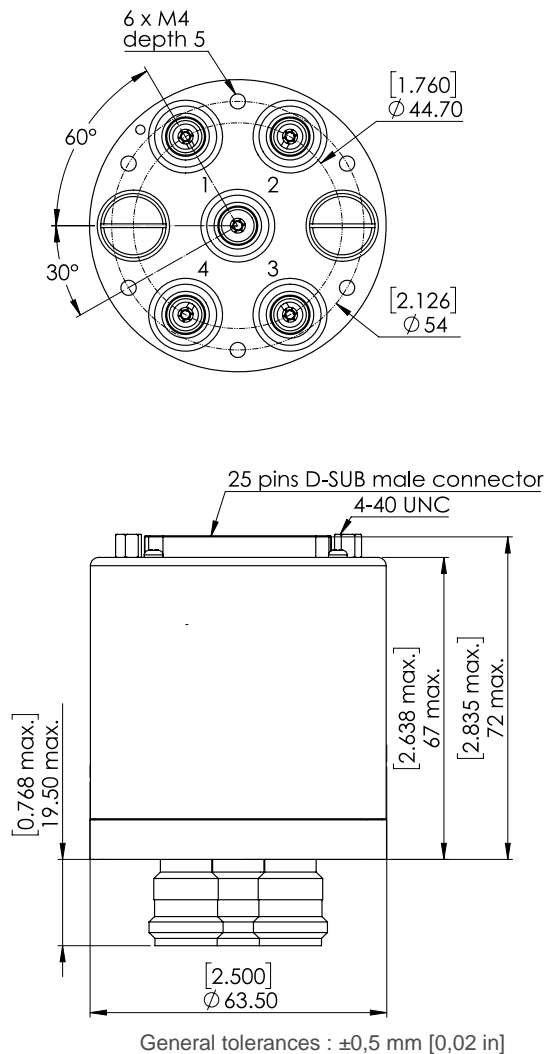
PAGE 2/2

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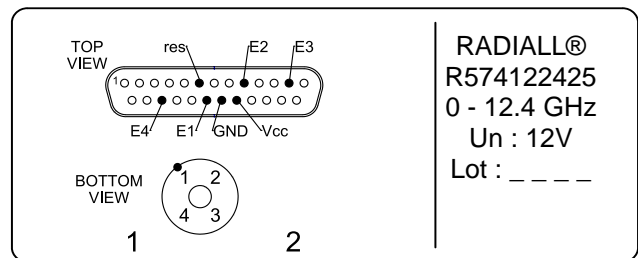
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DRAWING



| TTL input | RF Continuity |
|-----------|------------------------|
| RESET = 1 | All ports open |
| E1 = 1 | IN \leftrightarrow 1 |
| E2 = 1 | IN \leftrightarrow 2 |
| E3 = 1 | IN \leftrightarrow 3 |
| E4 = 1 | IN \leftrightarrow 4 |

LABEL



RADIALL®
R574122425
0 - 12.4 GHz
Un : 12V
Lot : _ _ _ _



SCHEMATIC DIAGRAM

