

PAGE **1/2**

ISSUE **10-07-19**

SERIE : **SPnT**

PART NUMBER : **R573102430**

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 |

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
 Nominal current ** : **250 mA**
 Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**
 Terminals : **solder pins (250°C max. / 30 sec.)**

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)



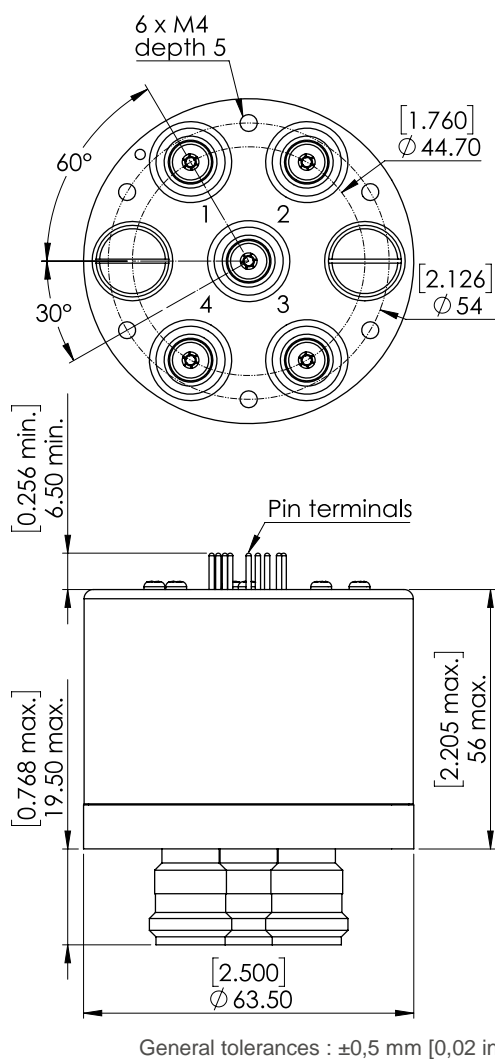
PAGE 2/2

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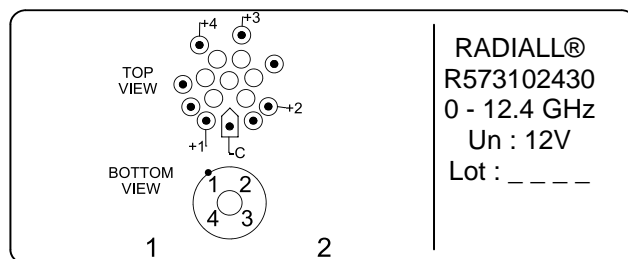
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DRAWING



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

LABEL



SCHEMATIC DIAGRAM

