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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573432640

RF CHARACTERISTICS

Number of ways : **6**
 Frequency range : **0 - 18 GHz**
 Impedance : **50 Ohms**

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 |
|--------------------|----------------|----------------|----------------|----------------|
| VSWR max | 1.20 | 1.30 | 1.40 | 1.50 |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB |
| Isolation min | 80 dB | 70 dB | 60 dB | 60 dB |
| Average power (*) | 240 W | 150 W | 120 W | 100 W |

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **320 mA / RESET : 1920 mA ******
 Actuator voltage (Vcc) : **12V (10.2 to 13V) / POSITIVE COMMON**
 Terminals : **solder pins (250°C max. / 30 sec.)**
 Indicator rating : **1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors : **SMA 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)

(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)



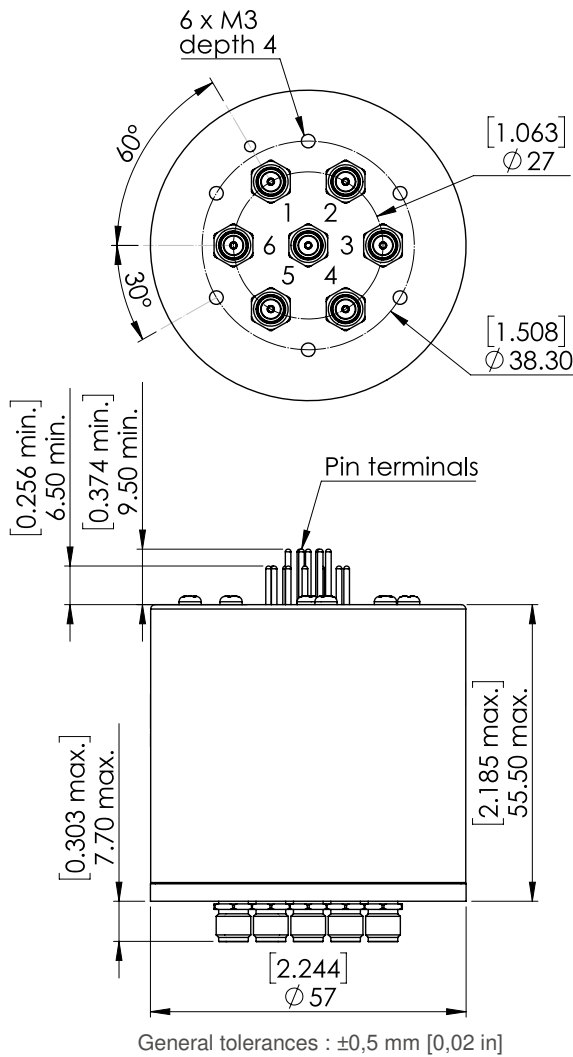
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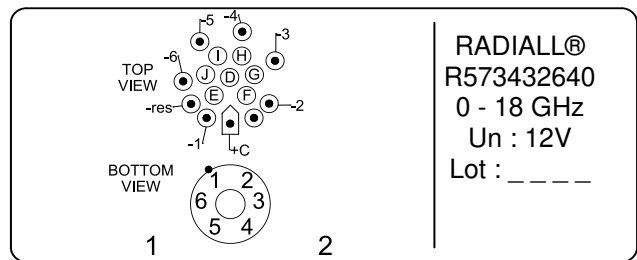
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DRAWING



| Voltage | RF Continuity | Ind. |
|-----------|----------------|------|
| +C -RESET | All ports open | - - |
| +C -1 | IN ↔ 1 | D.E |
| +C -2 | IN ↔ 2 | D.F |
| +C -3 | IN ↔ 3 | D.G |
| +C -4 | IN ↔ 4 | D.H |
| +C -5 | IN ↔ 5 | D.I |
| +C -6 | IN ↔ 6 | D.J |

LABEL



RADIALL®
R573432640
 0 - 18 GHz
 Un : 12V
 Lot : _ _ _ _

SCHEMATIC DIAGRAM

