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ISSUE 22-12-22

SERIE : SPnT

PART NUMBER : R574V02400

RF CHARACTERISTICS

Number of ways : 4
Frequency range : 0 - 67 GHz
Impedance : 50 Ohms

| Frequency (GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 | 40 - 50 | 50 - 65 | 65 - 67 |
|--------------------|---------|----------|-----------|-----------|-----------|---------|---------|---------|
| VSWR max | 1.30 | 1.40 | 1.50 | 1.70 | 1.90 | 2.20 | 2.20 | 2.20 |
| Insertion loss max | 0.30 dB | 0.40 dB | 0.50 dB | 0.70 dB | 0.90 dB | 1.20 dB | 1.40 dB | 1.70 dB |
| Isolation min | 70 dB | 60 dB | 60 dB | 55 dB | 50 dB | 50 dB | 50 dB | 50 dB |
| Average power (*) | 40 W | 30 W | 25 W | 15 W | 5 W | 3 W | 1 W | 1 W |

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

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 : 1.85mm female (Accoding to IEEE STD 287)
Life : 2 million cycles per position
Switching Time*** : < 15 ms
Construction : Splashproof
Weight : < 250 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C
Storage temperature range : -40°C to +85°C

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)



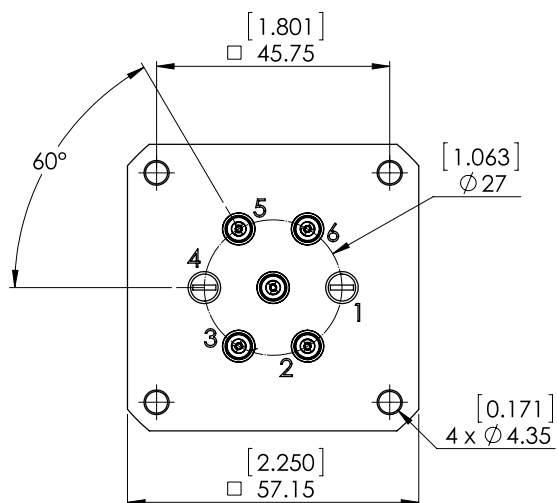
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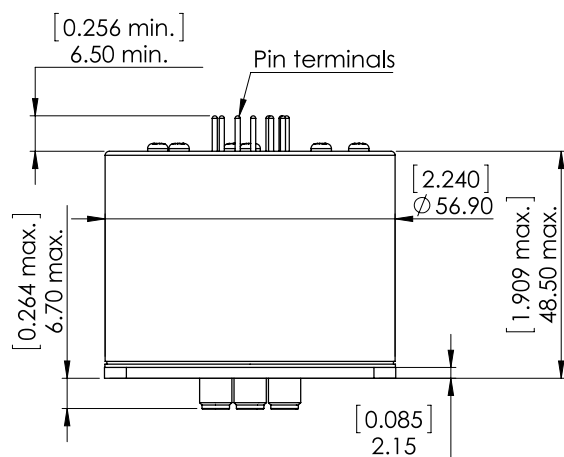
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DRAWING

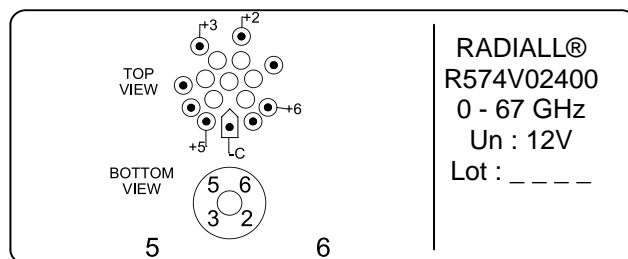


| Voltage | RF Continuity |
|---------|---------------|
| -C +1 | IN ↔ 1 |
| -C +2 | IN ↔ 2 |
| -C +3 | IN ↔ 3 |
| -C +4 | IN ↔ 4 |

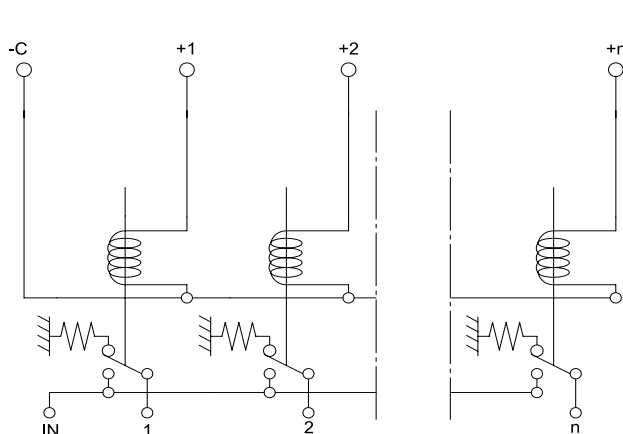


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



**Power Input
Terminals**

Actuators

RF inputs

