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ISSUE **25-11-22**

SERIE : **SPnT**

PART NUMBER : **R574G92425**

RF CHARACTERISTICS

Number of ways : **4**
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 |

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

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **640 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V)**
Terminals : **25 pins D-SUB male connector**
Indicator rating : **1 W / 30 V / 100 mA**
Self cut-off time : **40 ms < CT < 120 ms**
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 : **SMA female per MIL-C 39012**
Life : **3 million cycles per position**
Switching Time*** : **< 40 ms**
Construction : **Splashproof**
Weight : **< 250 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)



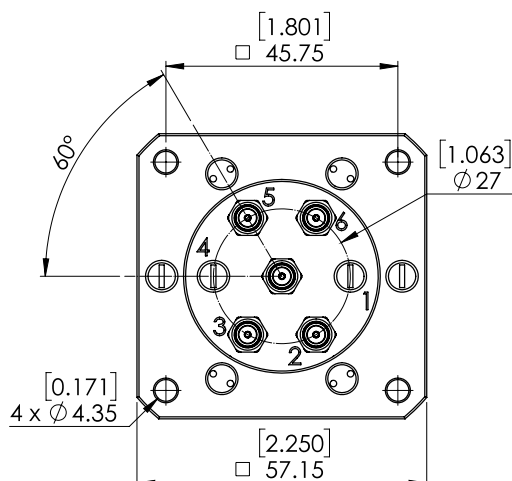
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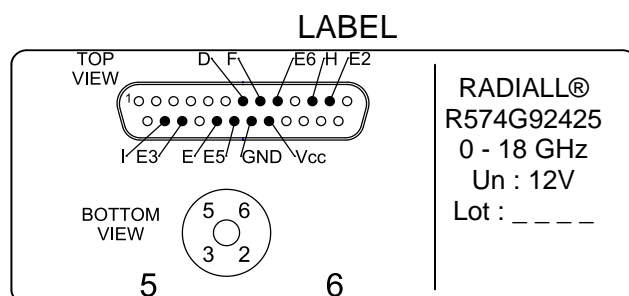
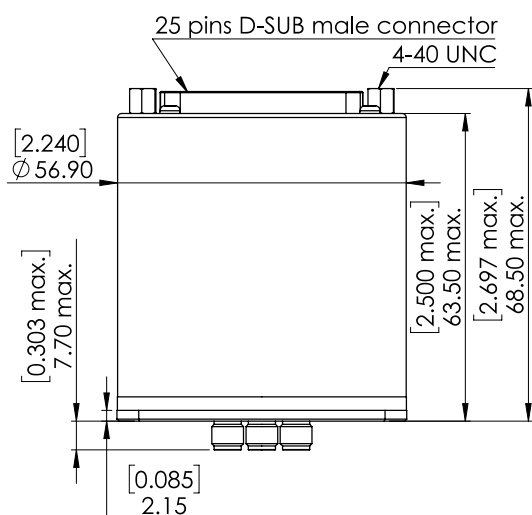
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DRAWING



| TTL input | RF Continuity | Ind. |
|-----------|---------------|------|
| E2 = 1 | IN ↔ 2 | D.H |
| E3 = 1 | IN ↔ 3 | D.I |
| E5 = 1 | IN ↔ 5 | D.E |
| E6 = 1 | IN ↔ 6 | D.F |



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

SCHEMATIC DIAGRAM

