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ISSUE **26-07-21**

SERIE : **SPnT**

PART NUMBER : **R574893610**

RF CHARACTERISTICS

Number of ways : **6**
Frequency range : **0 - 40 GHz**
Impedance : **50 Ohms**

| Frequency (GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 |
|--------------------|----------------|----------------|----------------|----------------|----------------|
| VSWR max | 1.30 | 1.40 | 1.50 | 1.70 | 2.20 |
| Insertion loss max | 0.20 dB | 0.40 dB | 0.50 dB | 0.70 dB | 1.10 dB |
| Isolation min | 70 dB | 60 dB | 60 dB | 55 dB | 50 dB |
| Average power (*) | 40 W | 30 W | 25 W | 15 W | 5 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 ** : **375 mA**
Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE COMMON**
Terminals : **solder pins (250°C max. / 30 sec.)**
Indicator rating : **1 W / 30 V / 100 mA**
Self cut-off time : **40 ms < CT < 120 ms**

MECHANICAL CHARACTERISTICS

Connectors : **SMA 2.9 female per MIL-C 39012**
Life : **2 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)



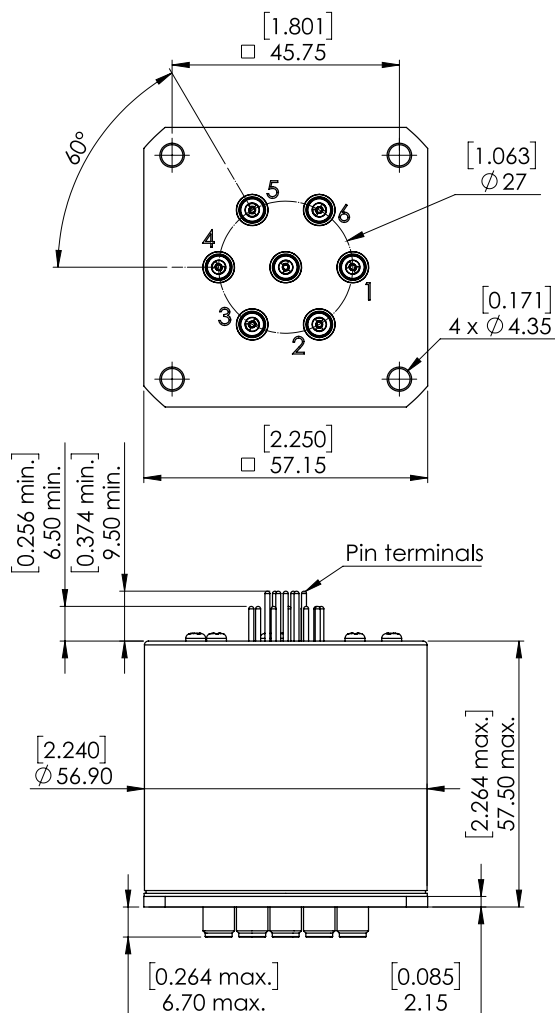
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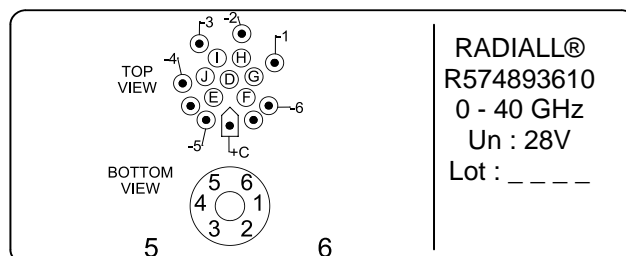
DRAWING



General tolerances : $\pm 0,5$ mm [0,02 in]

| Voltage | RF Continuity | Ind. |
|---------|------------------------|------|
| +C -1 | IN \leftrightarrow 1 | D.G |
| +C -2 | IN \leftrightarrow 2 | D.H |
| +C -3 | IN \leftrightarrow 3 | D.I |
| +C -4 | IN \leftrightarrow 4 | D.J |
| +C -5 | IN \leftrightarrow 5 | D.E |
| +C -6 | IN \leftrightarrow 6 | D.F |

LABEL



SCHEMATIC DIAGRAM

