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ISSUE 25-11-22

SERIE : SPnT

PART NUMBER : R574F33600

RF CHARACTERISTICS

Number of ways : 6
Frequency range : 0 - 26.5 GHz
Impedance : 50 Ohms

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | 18-26.5 |
|--------------------|---------|---------|----------|-----------|---------|
| VSWR max | 1,20 | 1,30 | 1,40 | 1,50 | 1,70 |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | 0.70 dB |
| Isolation min | 80 dB | 70 dB | 60 dB | 60 dB | 50 dB |
| Average power (*) | 240 W | 150 W | 120 W | 100 W | 40 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 ** : 125 mA / RESET : 750 mA ****
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE 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 : 3 million cycles per position
Switching Time*** : < 15 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)
(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)



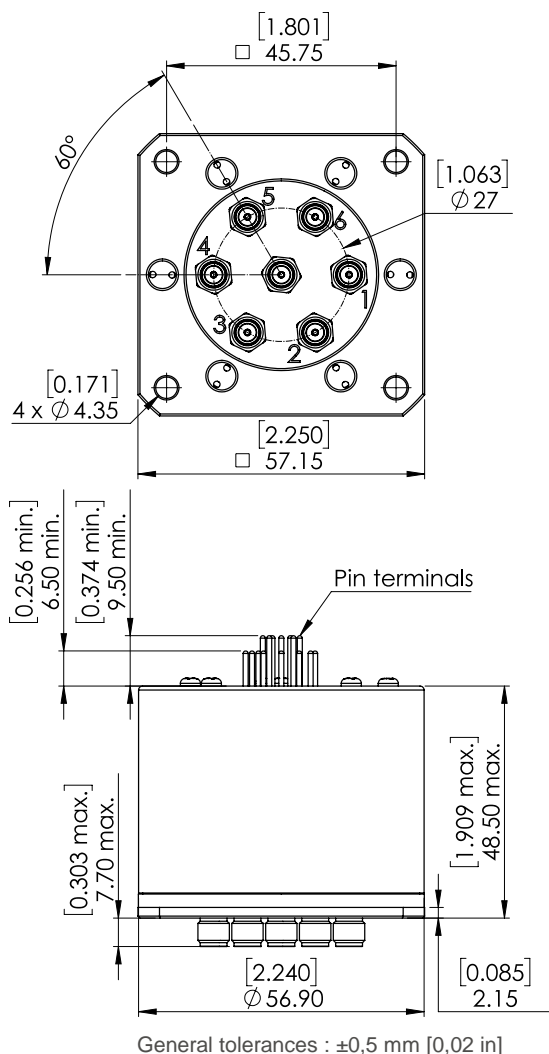
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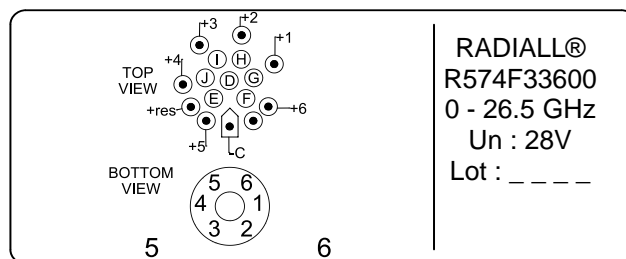
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DRAWING



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

LABEL



SCHEMATIC DIAGRAM

