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ISSUE 10-04-25

SERIE : SPnT

PART NUMBER : R574802600

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	<b>1.30</b>	<b>1.40</b>	<b>1.50</b>	<b>1.70</b>	<b>1.95</b>
Insertion loss max	<b>0.20 dB</b>	<b>0.40 dB</b>	<b>0.50 dB</b>	<b>0.70 dB</b>	<b>1.00 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>	<b>70 dB</b>	<b>60 dB</b>	<b>55 dB</b>
Average power (*)	<b>40 W</b>	<b>30 W</b>	<b>25 W</b>	<b>15 W</b>	<b>5 W</b>

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 : **SMA 2.9 female per MIL-C 39012**  
Life : **7 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)

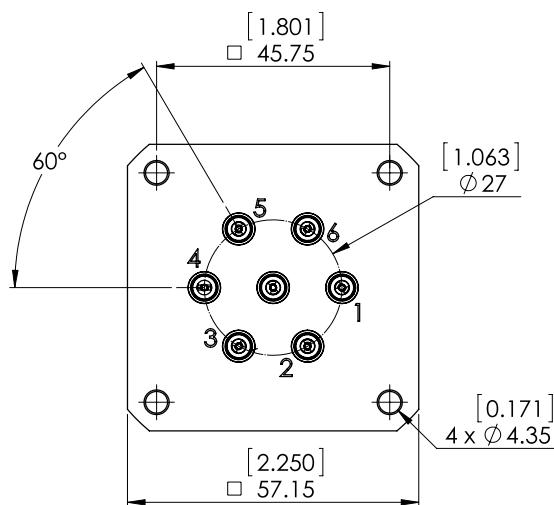


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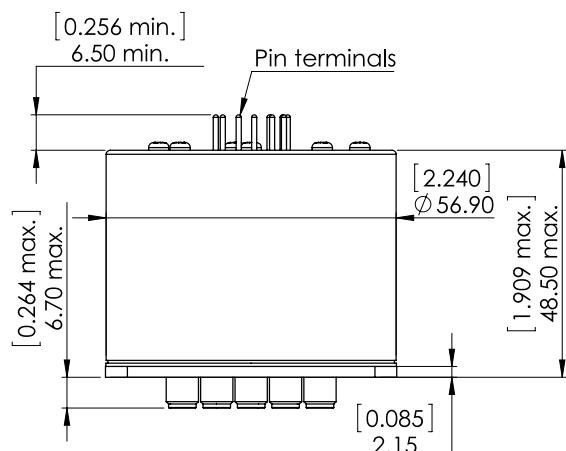
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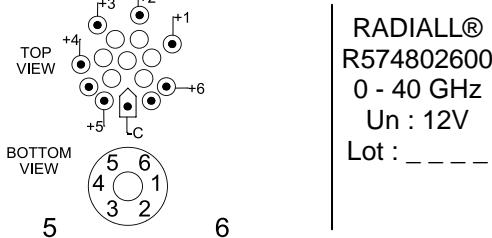
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DRAWING

Voltage	RF Continuity
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6



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

LABEL

RADIALL®  
R574802600  
0 - 40 GHz  
Un : 12V  
Lot : \_\_\_\_\_

SCHEMATIC DIAGRAM