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ISSUE 12-09-22

SERIE : SPnT

PART NUMBER : R574143600

## RF CHARACTERISTICS

Number of ways : **6**  
 Frequency range : **0 - 12.4 GHz**  
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	<b>1,20</b>	<b>1,35</b>	<b>1,50</b>
Insertion loss max	<b>0.20 dB</b>	<b>0.35 dB</b>	<b>0.50 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>	<b>60 dB</b>
Average power (*)	<b>400 W</b>	<b>250 W</b>	<b>200 W</b>

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.)**  
 Self cut-off time : **40 ms < CT < 120 ms**

## MECHANICAL CHARACTERISTICS

Connectors : **N female per MIL-C 39012**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 460 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%)



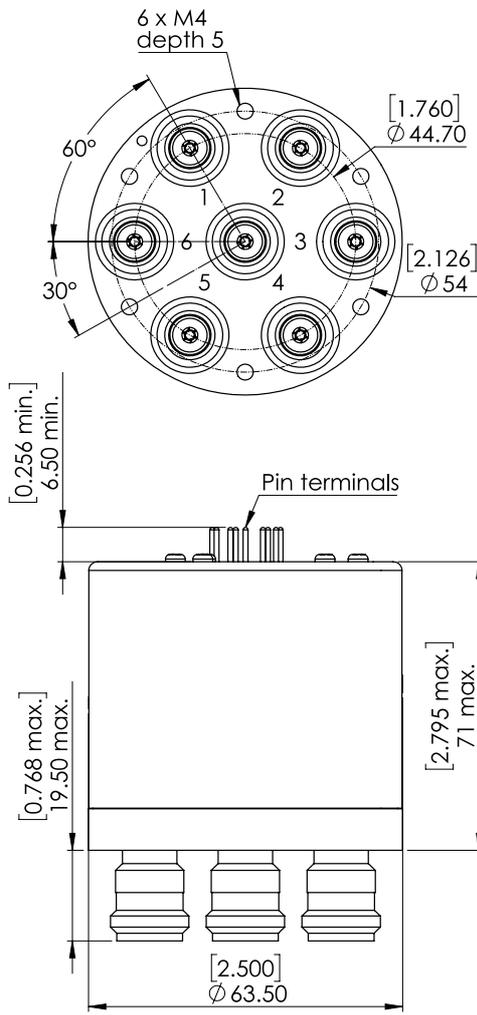
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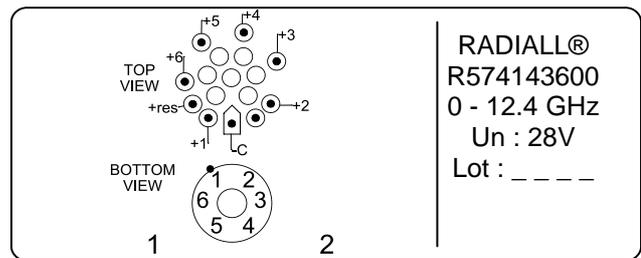
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**DRAWING**



Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6

**LABEL**



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

**SCHEMATIC DIAGRAM**

