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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : **R573423645**

RF CHARACTERISTICS

Number of ways : **6**  
 Frequency range : **0 - 18 GHz**  
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	<b>1.20</b>	<b>1.30</b>	<b>1.40</b>	<b>1.50</b>
Insertion loss max	<b>0.20 dB</b>	<b>0.30 dB</b>	<b>0.40 dB</b>	<b>0.50 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>	<b>60 dB</b>	<b>60 dB</b>
Average power (*)	<b>240 W</b>	<b>150 W</b>	<b>120 W</b>	<b>100 W</b>

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **125 mA / RESET : 750 mA \*\*\*\***  
 Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE COMMON**  
 Terminals : **25 pins D-SUB male connector**

MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**  
 Life : **5 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 220 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%)



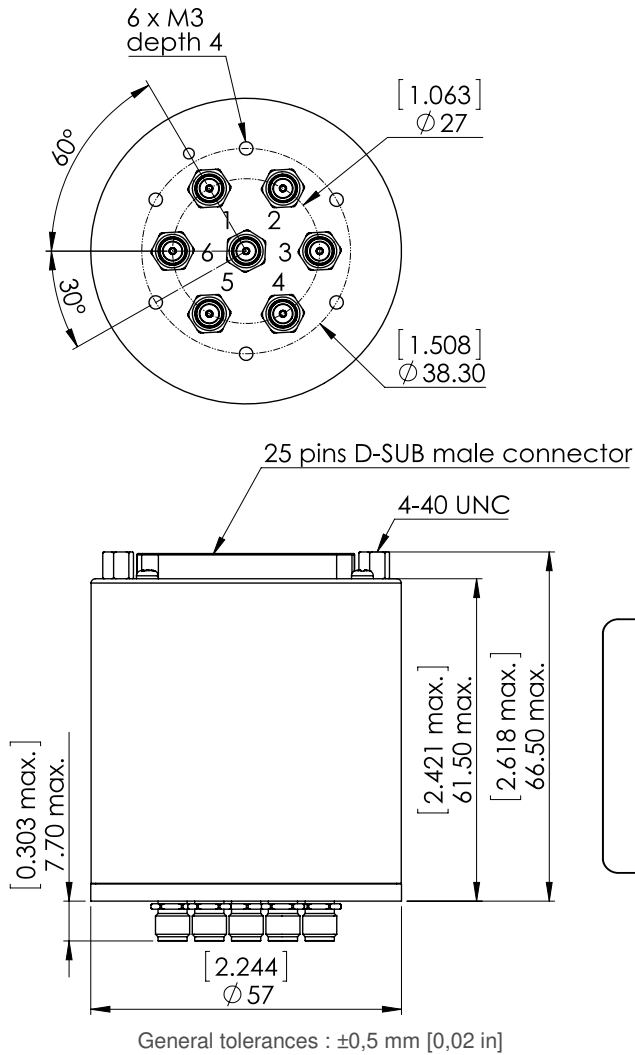
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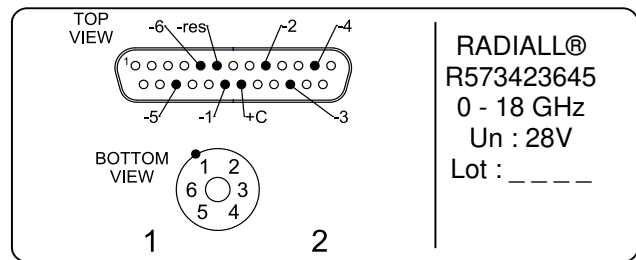
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**DRAWING**



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

**LABEL**



**SCHEMATIC DIAGRAM**

