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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R574333845

## RF CHARACTERISTICS

Number of ways : **8**  
 Frequency range : **0 - 3 GHz**  
 Impedance : **50 Ohms**

Frequency (GHz)	<b>DC - 3</b>
VSWR max	<b>1,20</b>
Insertion loss max	<b>0.20 dB</b>
Isolation min	<b>80 dB</b>
Average power (*)	<b>240 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 : 1000 mA \*\*\*\***  
 Actuator voltage (Vcc) : **28V (24 to 30V) / POSITIVE COMMON**  
 Terminals : **25 pins D-SUB male connector**  
 Indicator rating : **1 W / 30 V / 100 mA**

## MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 280 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%)



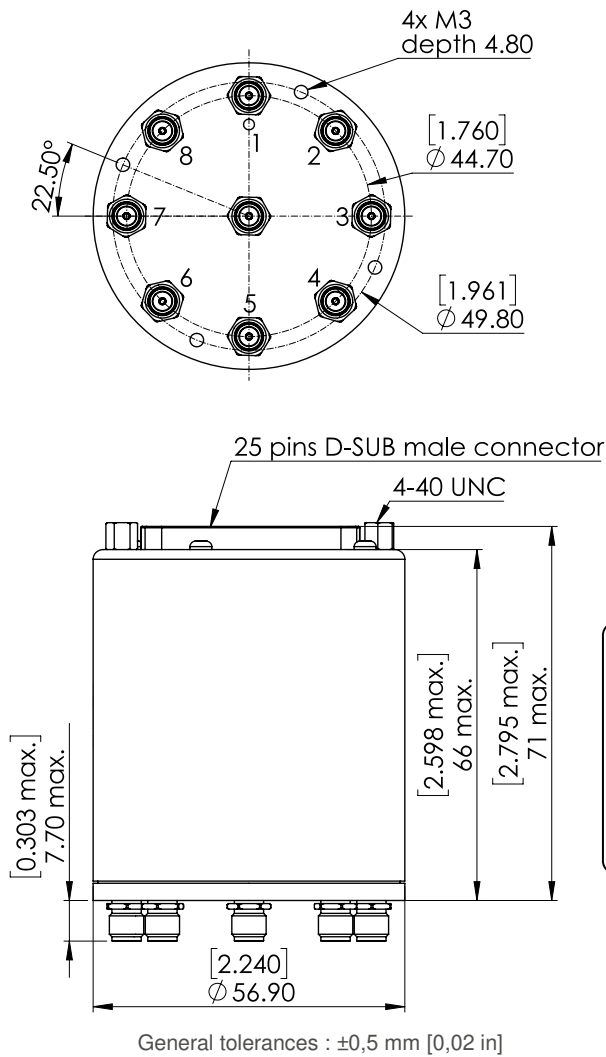
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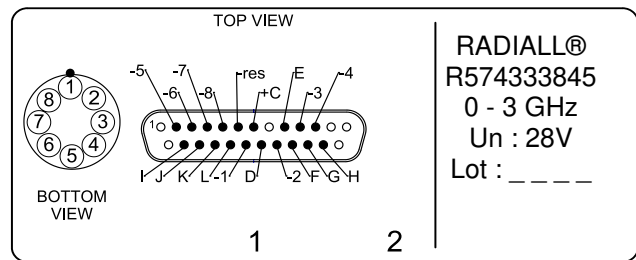
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**DRAWING**



Voltage	RF Continuity	Ind.
+C -RESET	All ports open	- -
+C -1	IN $\leftrightarrow$ 1	D.E
+C -2	IN $\leftrightarrow$ 2	D.F
+C -3	IN $\leftrightarrow$ 3	D.G
+C -4	IN $\leftrightarrow$ 4	D.H
+C -5	IN $\leftrightarrow$ 5	D.I
+C -6	IN $\leftrightarrow$ 6	D.J
+C -7	IN $\leftrightarrow$ 7	D.K
+C -8	IN $\leftrightarrow$ 8	D.L

**LABEL**



**SCHEMATIC DIAGRAM**

