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ISSUE **10-07-19**

SERIE : **SPnT**

PART NUMBER : **R574023845**

## RF CHARACTERISTICS

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

Frequency (GHz)	DC - 3
VSWR max	<b>1.30</b>
Insertion loss max	<b>0.30 dB</b>
Isolation min	<b>80 dB</b>
Average power (*)	<b>400 W</b>

VSWR values are not applicable for internal terminations

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**

## MECHANICAL CHARACTERISTICS

Connectors : **N female per MIL-C 39012**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 15 ms**  
 Construction : **Splashproof**  
 Weight : **< 680 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%)



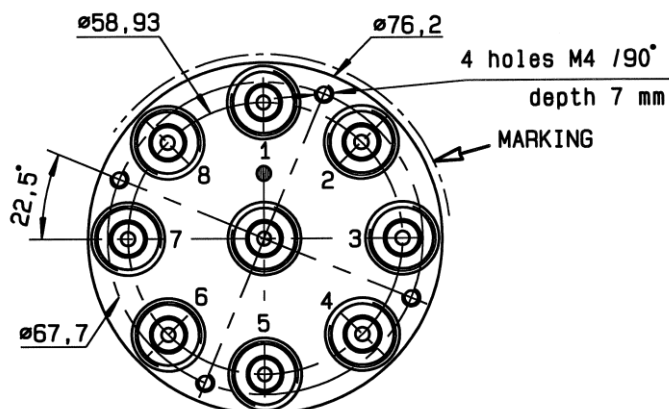
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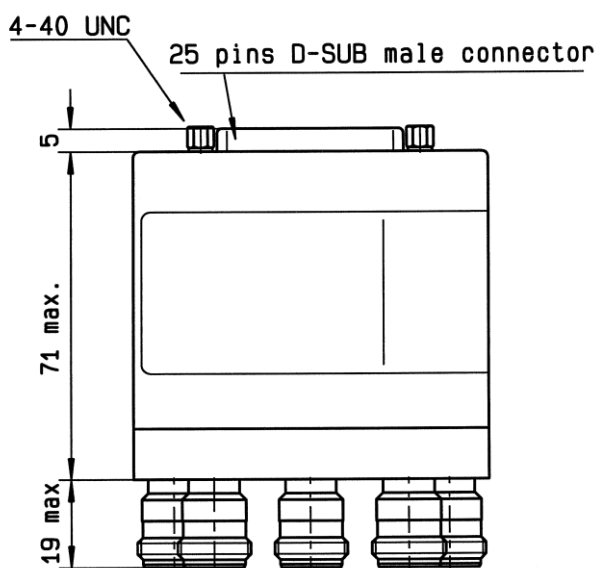
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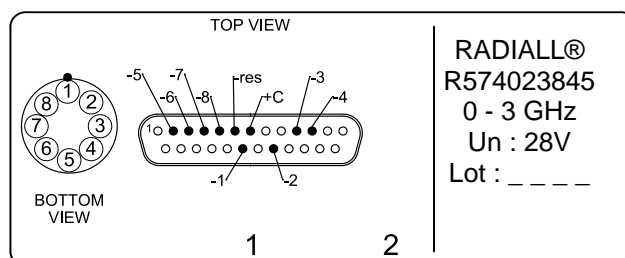
DRAWING



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
+C -7	IN ↔ 7
+C -8	IN ↔ 8



**LABEL**



General tolerances :  $\pm 0,5$  mm [0,02 in]

SCHEMATIC DIAGRAM

