

PAGE **1/2**

ISSUE **09-03-21**

SERIE : **SPnT**

PART NUMBER : **R574133845**

## RF CHARACTERISTICS

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

Frequency (GHz)	DC - 3	3 - 8
VSWR max	<b>1.30</b>	<b>1.50</b>
Insertion loss max	<b>0.30 dB</b>	<b>0.50 dB</b>
Isolation min	<b>80 dB</b>	<b>70 dB</b>
Average power (*)	<b>400 W</b>	<b>250 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**  
Indicator rating : **1 W / 30 V / 100 mA**

## 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%)



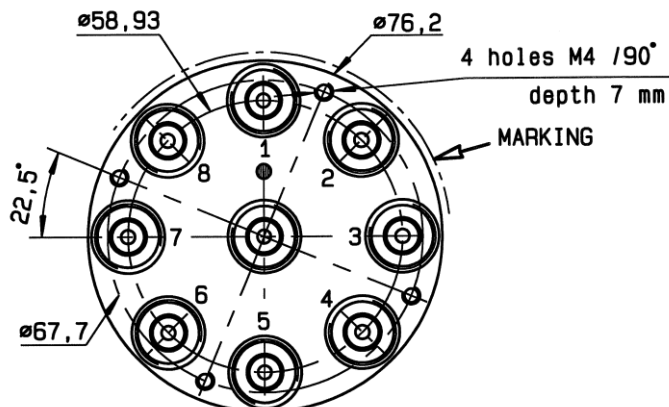
PAGE 2/2

ISSUE 09-03-21

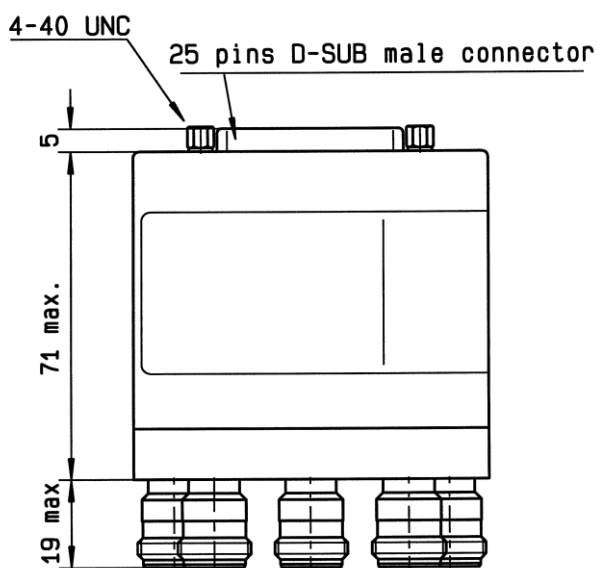
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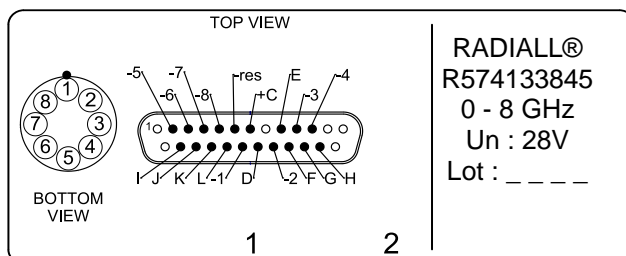
DRAWING



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



**LABEL**



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

SCHEMATIC DIAGRAM

