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SERIE : SPnT

PART NUMBER : R573192805

## 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>

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **960 mA**  
 Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**  
 Terminals : **25 pins D-SUB male connector**  
 Indicator rating : **1 W / 30 V / 100 mA**  
 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\*\*\* : **< 50 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)



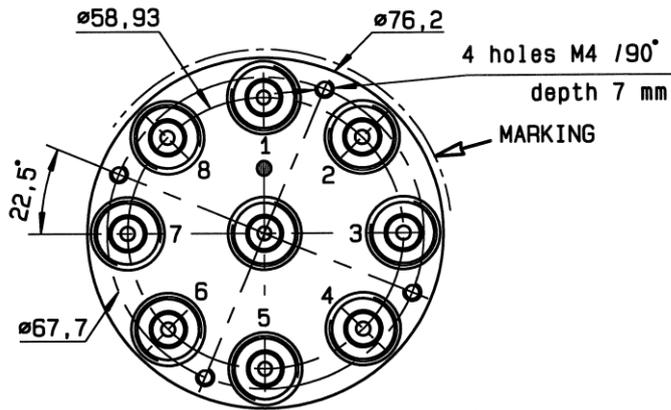
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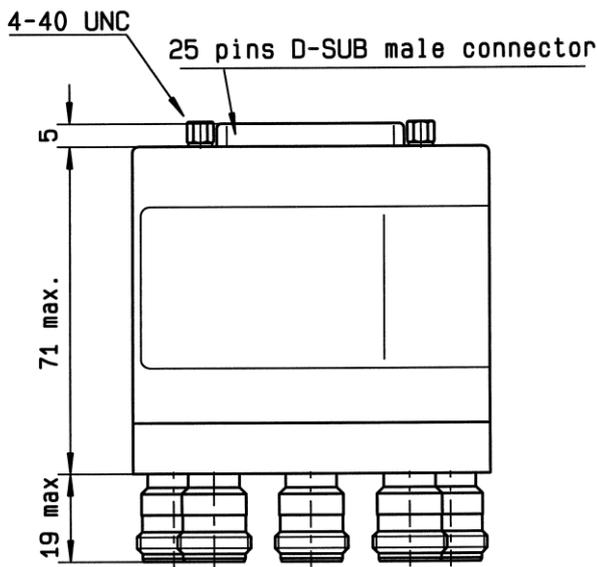
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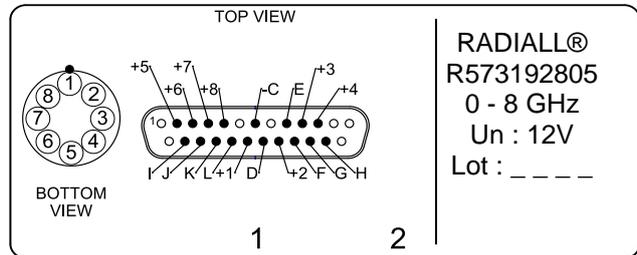
DRAWING



Voltage	RF Continuity	Ind.
-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 : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

