

PAGE 1/2

ISSUE 12-09-22

SERIE : SPnT

PART NUMBER : R574192805

## RF CHARACTERISTICS

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

Frequency (GHz)	DC - 3	3 - 8
VSWR max	1,30	1,50
Insertion loss max	0.30 dB	0.50 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	250 W

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 \*\* : 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)



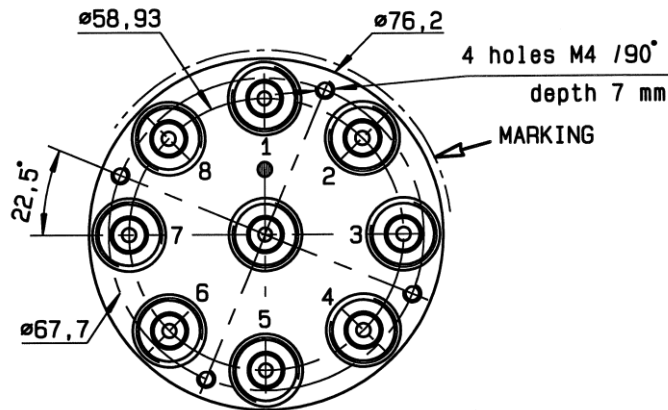
PAGE 2/2

ISSUE 12-09-22

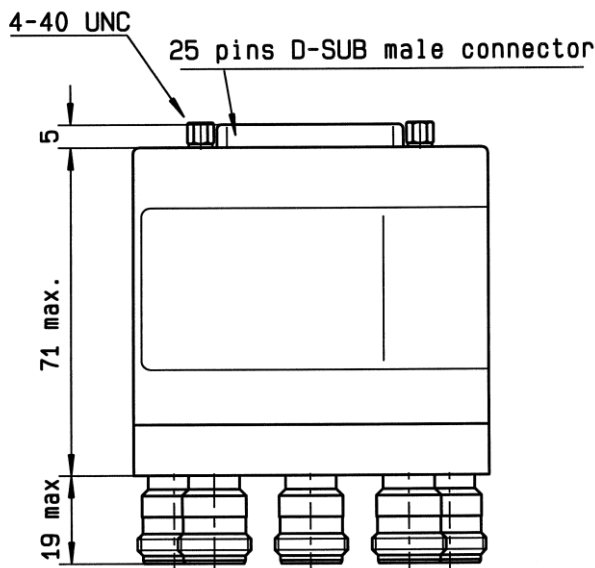
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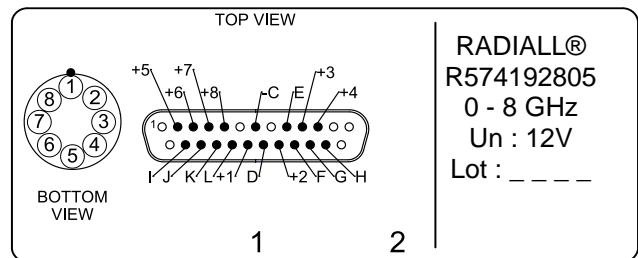
DRAWING



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

SCHEMATIC DIAGRAM

