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ISSUE **22-03-22**

SERIE : **SPnT**

PART NUMBER : **R573383085**

## RF CHARACTERISTICS

Number of ways : **10**  
 Frequency range : **0 - 3 GHz**  
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3
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>

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
 Nominal current \*\* : **500 mA**  
 Actuator voltage (Vcc) : **28V (24 to 30V)**  
 Terminals : **25 pins D-SUB male connector**  
 Self cut-off time : **40 ms < CT < 120 ms**  
 BCD inputs (E) - High level : **3.5 to 5.5 V / 800µA at 5.5 V**  
 - Low level : **0 to 1.5 V / 20µA at 0.8 V**

## MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**  
 Life : **2 million cycles per position**  
 Switching Time\*\*\* : **< 50 ms**  
 Construction : **Splashproof**  
 Weight : **< 360 g**

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-40°C to +85°C**  
 Storage temperature range : **-55°C to +85°C**

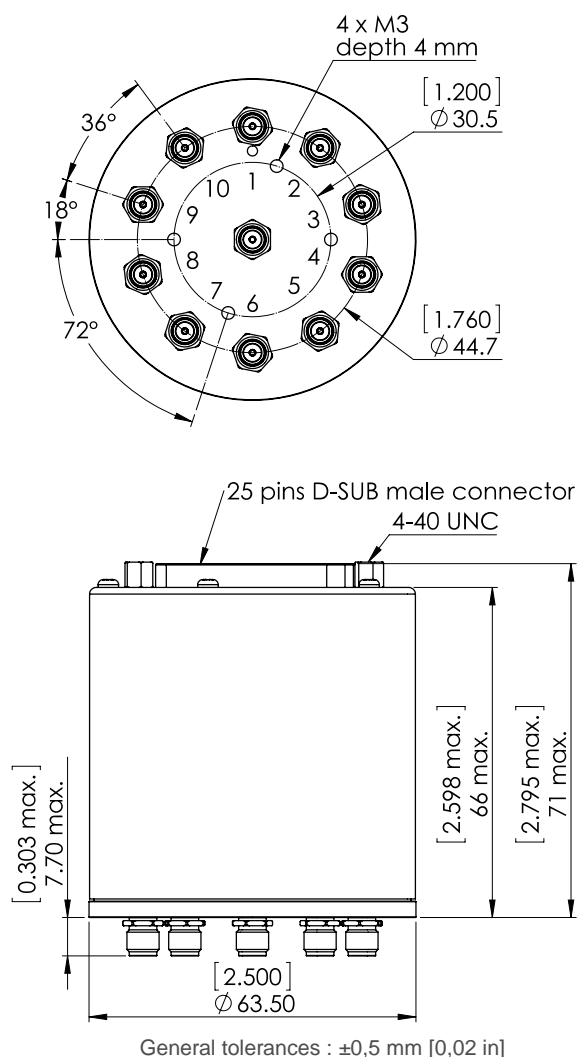
(\*) Average power at 25°C per RF Path)

(\*\*) At 25° C ±10%)

(\*\*\*) Nominal voltage ; 25° C)

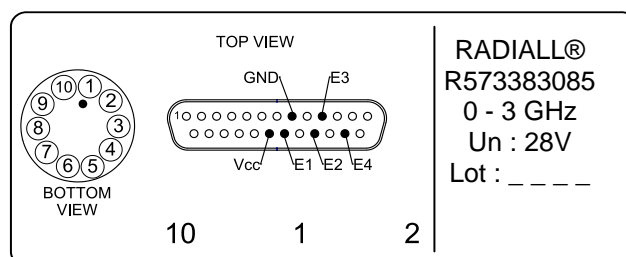


## DRAWING



E4	E3	E2	E1	RF continuity
0	0	0	0	All ports open (Forced Reset)
0	0	0	1	IN ↔ 1
0	0	1	0	IN ↔ 2
0	0	1	1	IN ↔ 3
0	1	0	0	IN ↔ 4
0	1	0	1	IN ↔ 5
0	1	1	0	IN ↔ 6
0	1	1	1	IN ↔ 7
1	0	0	0	IN ↔ 8
1	0	0	1	IN ↔ 9
1	0	1	0	IN ↔ 10

LABEL



### SCHEMATIC DIAGRAM

