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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573423325

RF CHARACTERISTICS

Number of ways : **3**
 Frequency range : **0 - 18 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **125 mA / RESET : 375 mA ******
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 Terminals : **25 pins D-SUB male connector**
 TTL inputs (E) - High level : **2.2 to 5.5 V / 800µA at 5.5 V**
 - Low level : **0 to 0.8 V / 20µA at 0.8 V**

MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**
 Life : **5 million cycles per position**
 Switching Time*** : **< 15 ms**
 Construction : **Splashproof**
 Weight : **< 220 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%)



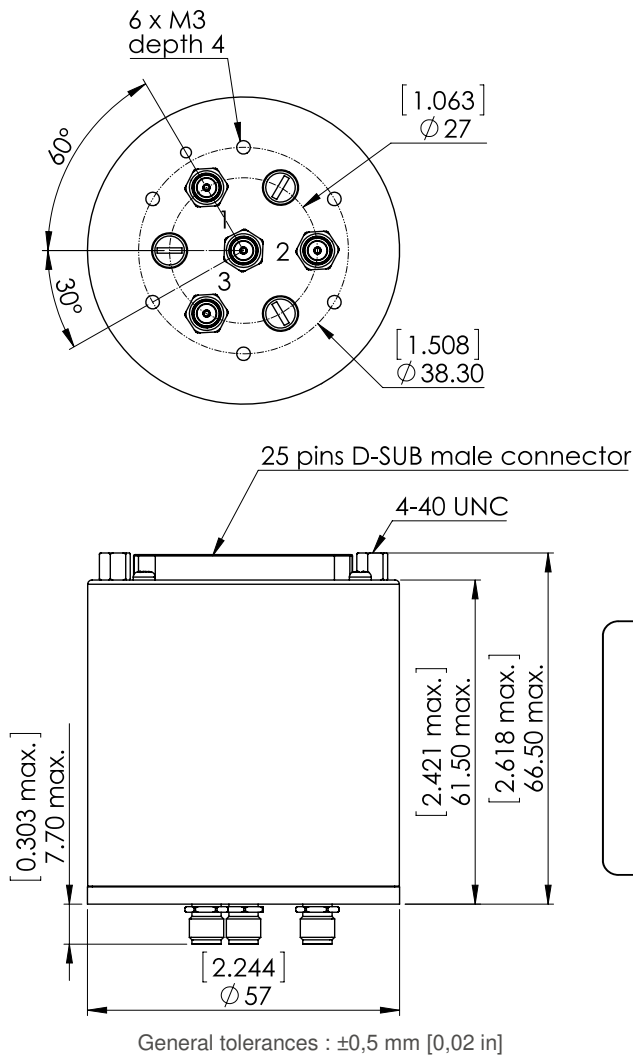
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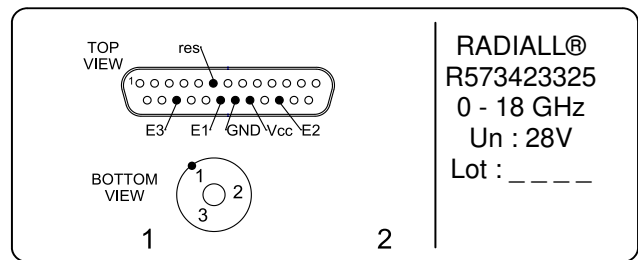
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DRAWING



TTL input	RF Continuity
RESET = 1	All ports open
E1 = 1	IN \leftrightarrow 1
E2 = 1	IN \leftrightarrow 2
E3 = 1	IN \leftrightarrow 3

LABEL



SCHEMATIC DIAGRAM

