PAGE **1/2**	ISSUE **22-03-22**	SERIE : **SPnT**	PART NUMBER : **R573833345**

RF CHARACTERISTICS

Number of ways : **3**
Frequency range : **0 - 40 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **125 mA / RESET : 375 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 : **SMA 2.9 female per MIL-C 39012**
Life : **2 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)
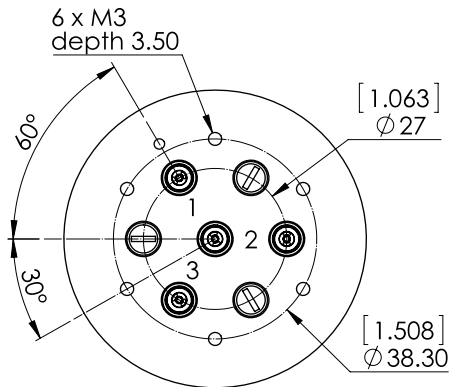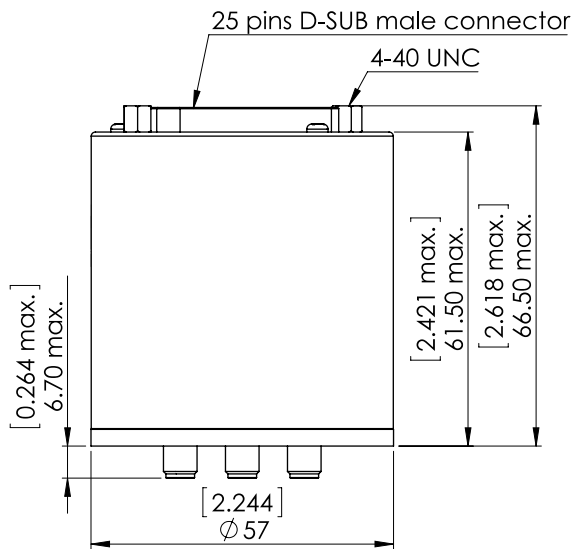(****   Reset : supply voltage time 1sec. max. / duty cycle 10%)

DRAWING

6 x M3
depth 3.50

60°

30°

[1.063]
⌀ 27

[1.508]
⌀ 38.30

1
2
3

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

25 pins D-SUB male connector

4-40 UNC

[2.421 max.]
61.50 max.

[2.618 max.]
66.50 max.

[0.264 max.]
6.70 max.

[2.244]
⌀ 57

General tolerances : ±0,5 mm [0,02 in]

LABEL

TOP VIEW

-res   D

1   13

G -3 E -1   +C F -2

BOTTOM VIEW

1
3   2

1   2
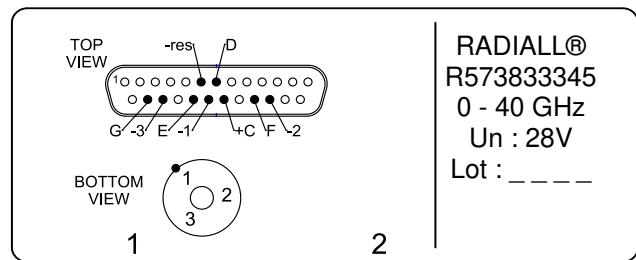
RADIALL®
R573833345
0 - 40 GHz
Un : 28V
Lot : _ _ _ _

SCHEMATIC DIAGRAM

+C   -RESET   -1   -2   -n   Power input terminals

D   E   F   Indicator terminals

Actuators

RF inputs

IN   1   2   n