Radiall

PAGE 1/2	ISSUE 06-02-18	SERIE : **SPnT**	PART NUMBER : **R573802615**

RF CHARACTERISTICS

Number of ways : **6**
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 : **NORMALLY OPEN**
Nominal current ** : **250 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V) / POSITIVE COMMON**
Terminals : **25 pins D-SUB male connector**

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)
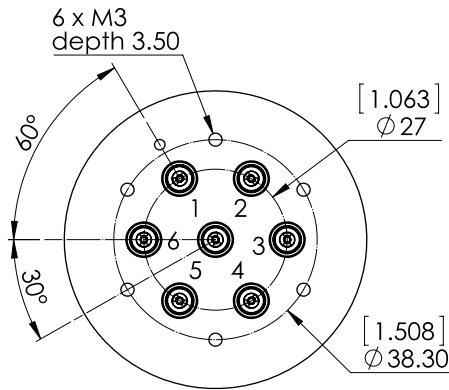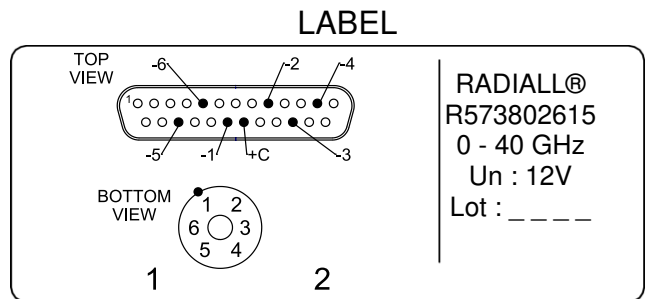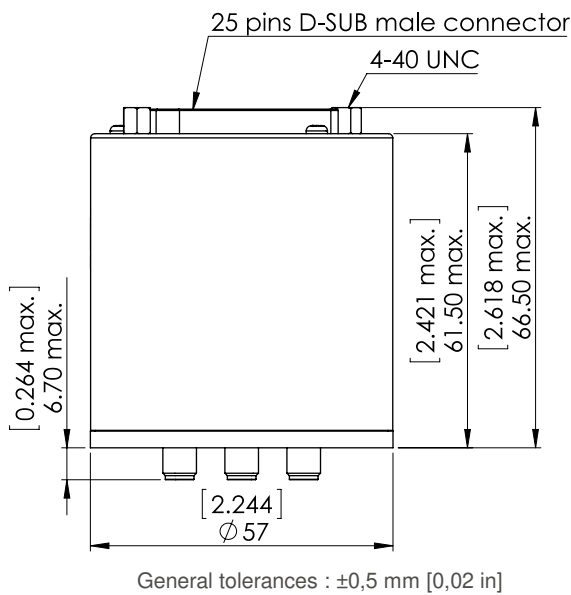(**   At 25° C ±10%)
(***   Nominal voltage ; 25° C)

RoHS COMPLIANT

DRAWING

6 x M3
depth 3.50

60°

30°

$\left[1.063 \right]$
$\varnothing\,27$

$\left[1.508 \right]$
$\varnothing\,38.30$

Voltage	RF Continuity
+C -1	IN ↔ 1
+C -2	IN ↔ 2
+C -3	IN ↔ 3
+C -4	IN ↔ 4
+C -5	IN ↔ 5
+C -6	IN ↔ 6

25 pins D-SUB male connector

4-40 UNC

$\left[0.264 \right]$ max.
6.70 max.

$\left[2.421 \right]$ max.
61.50 max.

$\left[2.618 \right]$ max.
66.50 max.

$\left[2.244 \right]$
$\varnothing\,57$

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

LABEL

TOP VIEW
-6   -2   -4
-5   -1   +C   -3

BOTTOM VIEW

RADIALL®
R573802615
0 - 40 GHz
Un : 12V
Lot : _ _ _ _

1   2

SCHEMATIC DIAGRAM

+C   -1   -2   -n   Power input
                                          terminals

                                          Actuators

                                          RF inputs

IN   1   2   n