PAGE **1/2**	ISSUE **22-03-22**	SERIE : **SPnT**	PART NUMBER : **R574402620**

RF CHARACTERISTICS

Number of ways : **6**
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**

TERMINATION IMPEDANCE : **50 Ohms**
TERM. AVG. POWER AT 25° C : **1 W per termination / 3 W total power**

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
Nominal current ** : **250 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V)**
Terminals : **solder pins (250°C max. / 30 sec.)**
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 : **2 million cycles per position**
Switching Time*** : **< 15 ms**
Construction : **Splashproof**
Weight : **< 250 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)
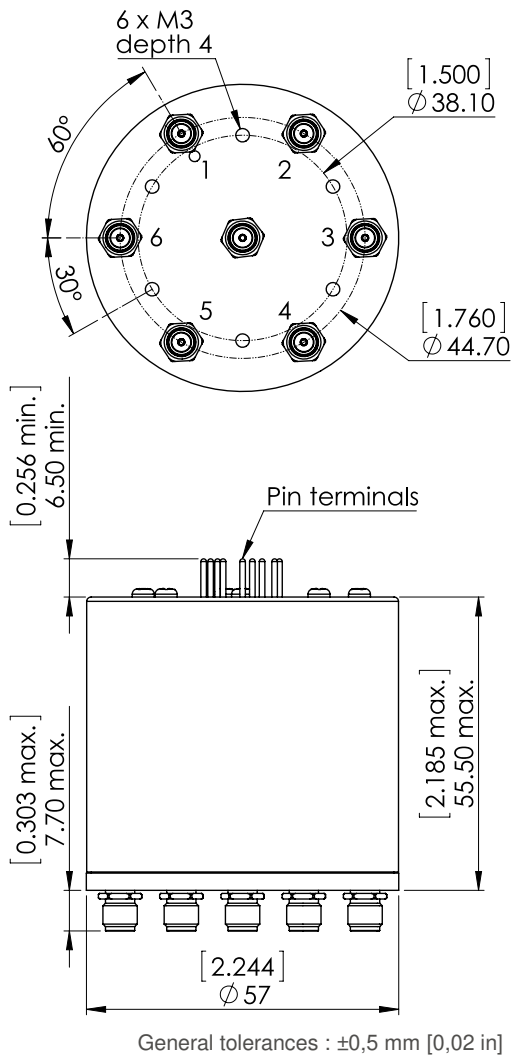(**   At 25° C ±10%)
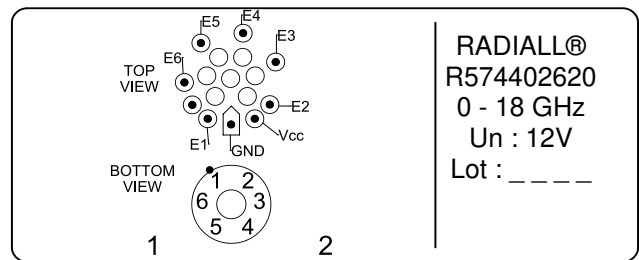(***   Nominal voltage ; 25° C)

DRAWING

6 x M3
depth 4

60°

30°

[1.500]
Ø 38.10

[1.760]
Ø 44.70

TTL input	RF Continuity
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3
E4 = 1	IN ↔ 4
E5 = 1	IN ↔ 5
E6 = 1	IN ↔ 6

[0.256 min.]
6.50 min.

Pin terminals

[0.303 max.]
7.70 max.

[2.185 max.]
55.50 max.

[2.244]
Ø 57

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

LABEL

TOP VIEW
E5 E4
E6 E3
E2
E1 Vcc
GND

BOTTOM VIEW
1 2
6   3
5 4

1   2

RADIALL®
R574402620
0 - 18 GHz
Un : 12V
Lot : _ _ _ _

SCHEMATIC DIAGRAM

Vcc RTN   E1   E2   En   Power input terminals

TTL-DRIVE

Actuators

IN   1   2   n   RF inputs