PAGE **1/2**	ISSUE **07.10.14**	SERIE : **SPnT**	PART NUMBER : **R574822625**

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**

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

ELECTRICAL CHARACTERISTICS

Actuator   : **LATCHING**
Nominal current **   : 320 mA / RESET : 1920 mA ****
Actuator voltage (Vcc)   : **12V (10.2 to 13V)**
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 2.9 female per MIL-C 39012**
Life   : **2.000.000 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)
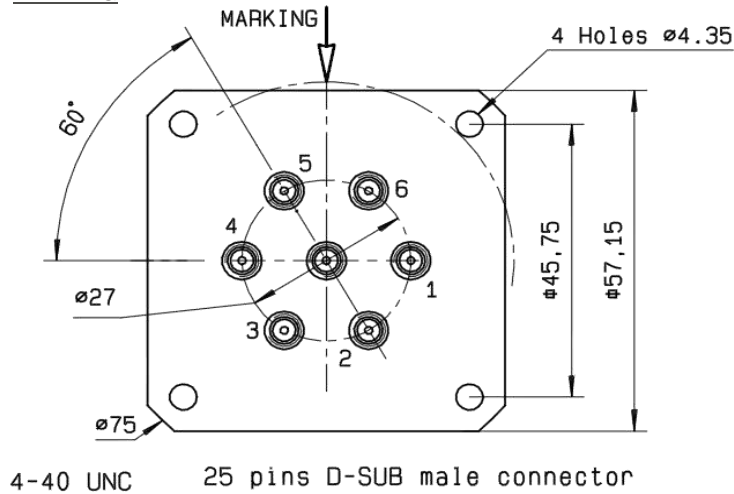(****   Reset : supply voltage time 1sec. max. / duty cycle 10%)

RoHS COMPLIANT
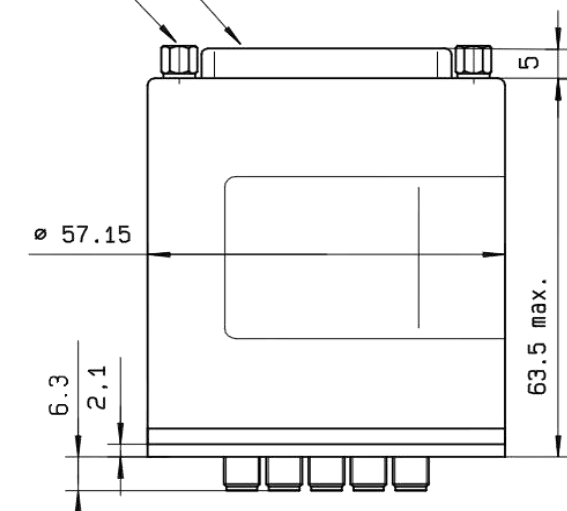
DRAWING

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

4-40 UNC   25 pins D-SUB male connector

LABEL

TOP VIEW   E4 res.   E6   E2

E3   E5 GND Voo   E1

BOTTOM VIEW   5 6 / 4 1 / 3 2

5   6

RADIALL®
R574822625
0 - 40 GHz
Un : 12V
Lot : _ _ _ _
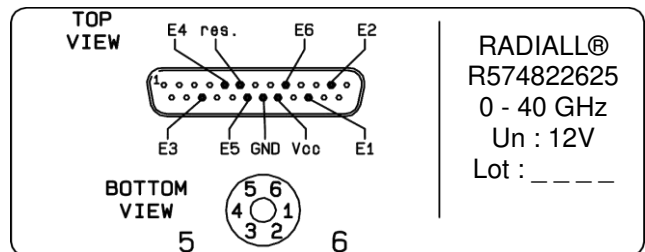
General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM

Vcc   RTN   RESET   E1   E2   En   Power input terminals

TTL-DRIVE

Actuators

IN   1   2   n   RF inputs