PAGE **1/2**	ISSUE **22-03-22**	SERIE : **SPnT**	PART NUMBER : **R573422800**

RF CHARACTERISTICS

Number of ways : **8**
Frequency range : **0 - 18 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	**DC - 3**	**3 - 8**	**8 - 12.4**	**12.4 - 16**	**16 - 18**
VSWR max	**1.20**	**1.30**	**1.40**	**1.50**	**1.60**
Insertion loss max	**0.20 dB**	**0.30 dB**	**0.40 dB**	**0.55 dB**	**0.60 dB**
Isolation min	**80 dB**	**70 dB**	**60 dB**	**60 dB**	**60 dB**
Average power (*)	**240 W**	**150 W**	**120 W**	**110 W**	**100 W**

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **320 mA / RESET : 2560 mA ****
Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**
Terminals : **solder pins (250°C max. / 30 sec.)**

MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**
Life : **2 million cycles per position**
Switching Time*** : **< 15 ms**
Construction : **Splashproof**
Weight : **< 280 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)
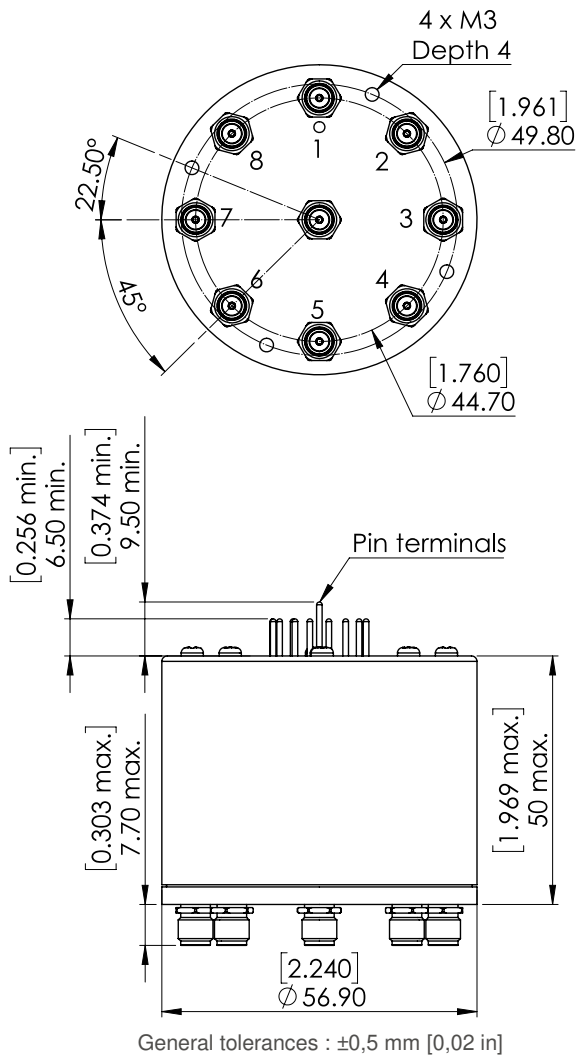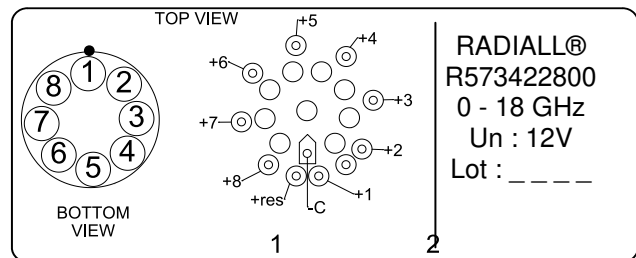(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)

DRAWING

Voltage		RF Continuity
-C	+RESET	All ports open
-C	+1	IN ↔ 1
-C	+2	IN ↔ 2
-C	+3	IN ↔ 3
-C	+4	IN ↔ 4
-C	+5	IN ↔ 5
-C	+6	IN ↔ 6
-C	+7	IN ↔ 7
-C	+8	IN ↔ 8

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

LABEL

RADIALL®
R573422800
0 - 18 GHz
Un : 12V
Lot : _ _ _ _

SCHEMATIC DIAGRAM