PAGE **1/2**	ISSUE **10-07-19**	SERIE : **SPnT**	PART NUMBER : **R574J23600**

RF CHARACTERISTICS

Number of ways	: **6**
Frequency range	: **0 - 50 GHz**
Impedance	: **50 Ohms**

Frequency (GHz)	**DC - 6**	**6 - 12.4**	**12.4 - 18**	**18 - 26.5**	**26.5 - 40**	**40 - 50**
VSWR max	**1.30**	**1.40**	**1.50**	**1.70**	**1.90**	**2.20**
Insertion loss max	**0.20 dB**	**0.40 dB**	**0.50 dB**	**0.70 dB**	**0.90 dB**	**1.20 dB**
Isolation min	**70 dB**	**60 dB**	**60 dB**	**55 dB**	**50 dB**	**50 dB**
Average power (*)	**40 W**	**30 W**	**25 W**	**15 W**	**5 W**	**3 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 **	: **125 mA / RESET : 750 mA *****
Actuator voltage (Vcc)	: **28V (24 to 30V) / NEGATIVE COMMON**
Terminals	: **solder pins (250°C max. / 30 sec.)**

MECHANICAL CHARACTERISTICS

Connectors	: **2.4mm female (Accoding to IEEE STD 287)**
Life	: **2 million cycles per position**
Switching Time***	: **< 15 ms**
Construction	: **Splashproof**
Weight	: **< 250 g**

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range	: **-25°C to +70°C**
Storage temperature range	: **-40°C to +85°C**

(*   Average power at 25°C per RF Path)
(**   At 25° C ±10%)
(*** Nominal voltage ; 25° C)
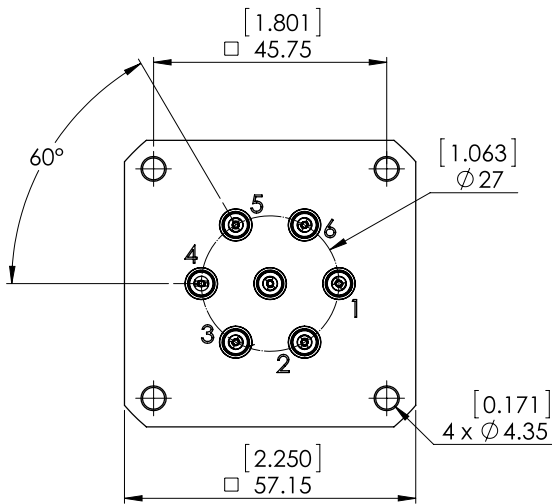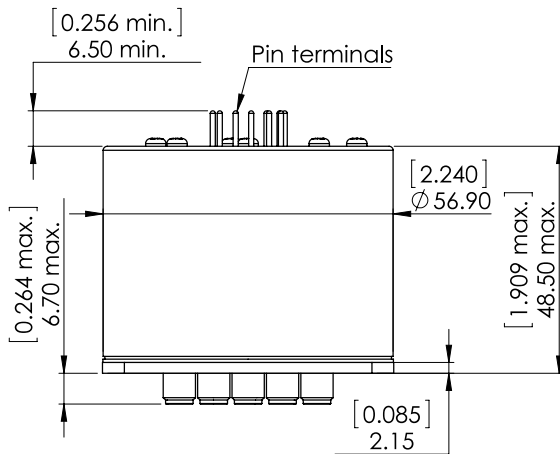(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)

DRAWING

[1.801]
□ 45.75

60°

[1.063]
∅ 27

[0.171]
4 x ∅ 4.35

[2.250]
□ 57.15

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

[0.256 min.]
6.50 min.

Pin terminals

[2.240]
∅ 56.90

[0.264 max.]
6.70 max.

[1.909 max.]
48.50 max.

[0.085]
2.15

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

LABEL

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

BOTTOM VIEW
5 6
4 1
3 2

5   6
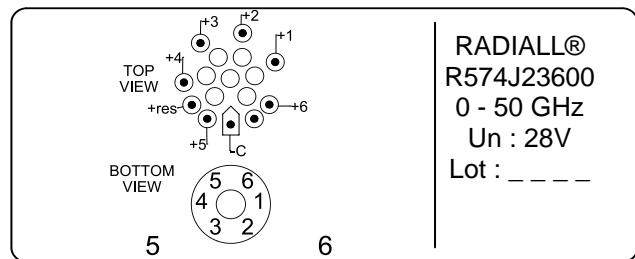
RADIALL®
R574J23600
0 - 50 GHz
Un : 28V
Lot : _ _ _ _

SCHEMATIC DIAGRAM

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

Actuators

IN 1 2   n   RF inputs

WARNING

Sensitive connector : To avoid irreversible damage during any connexions, ensure that the center contact is aligned with the female socket