PAGE **1/2**	ISSUE **06-02-18**	SERIE : **SPDT**	PART NUMBER : **R570043000**

RF CHARACTERISTICS

Frequency range   : **0 - 3 GHz**

Impedance   : **50 Ohms**

Frequency (GHz)	**DC - 1**	**1 - 2**	**2 - 3**
VSWR max	**1.15**	**1.20**	**1.25**
Insertion loss max	**0.15 dB**	**0.20 dB**	**0.25 dB**
Isolation min	**85 dB**	**80 dB**	**75 dB**
Average power (*)	**700 W**	**500 W**	**400 W**

ELECTRICAL CHARACTERISTICS

Actuator   : **LATCHING**

Nominal current **   : **125 mA**

Actuator voltage (Vcc)   : **28V (24 to 30V) / NEGATIVE COMMON**

Terminals   : **solder pins (250°C max. / 30 sec.)**

Indicator rating   : **1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors   : **N female per MIL-C 39012**

Life   : **2.5 million cycles**

Switching Time***   : **< 15 ms**

Construction   : **Splashproof**

Weight   : **< 185 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)

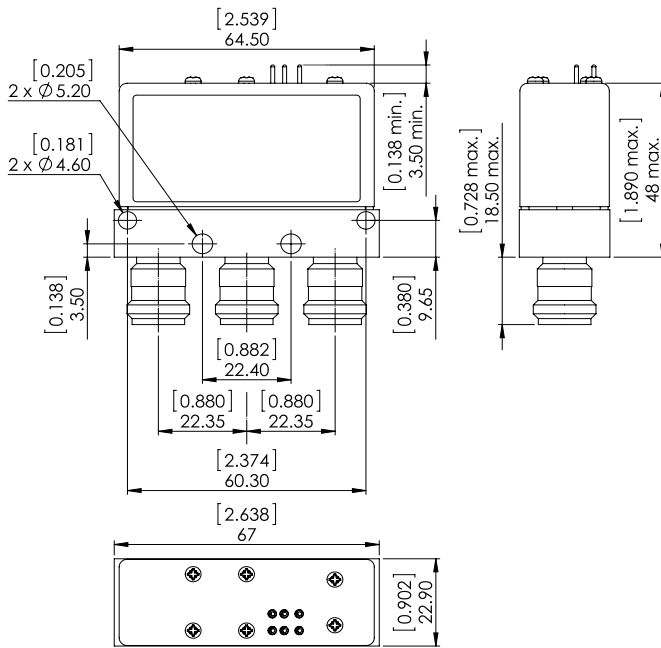(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)

DRAWING

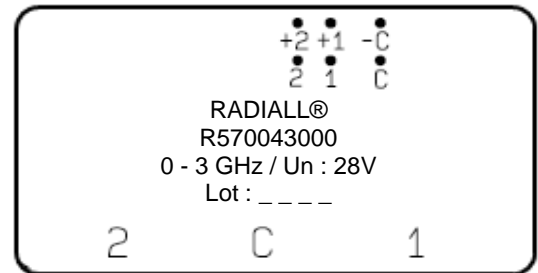[2.539] 64.50

[0.205] 2 x Ø 5.20

[0.181] 2 x Ø 4.60

[0.138 min.] 3.50 min.

[0.728 max.] 18.50 max.

[1.890 max.] 48 max.

[0.138] 3.50

[0.380] 9.65

[0.882] 22.40

[0.880] 22.35

[0.880] 22.35

[2.374] 60.30

[2.638] 67

[0.902] 22.90

LABEL

+2 +1 -C
2   1   C

RADIALL®
R570043000
0 - 3 GHz / Un : 28V
Lot : _ _ _ _

2   C   1

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

SCHEMATIC DIAGRAM

Position Energized :

Indicator terminals

2
1
C

Actuator

+1
-C
+2

1

C

2

RF input

Power input terminals
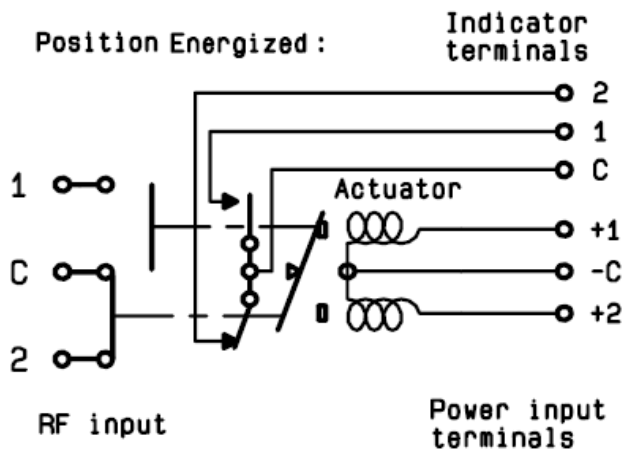
Voltage	RF Continuity	Ind.
-C +1	C ↔ 1	C.1
-C +2	C ↔ 2	C.2

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