PAGE **1/2**	ISSUE **22-03-22**	SERIE : **SPDT**	PART NUMBER : **R570813000**

RF CHARACTERISTICS

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	1.90
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W

ELECTRICAL CHARACTERISTICS

Actuator : **FAILSAFE**

Nominal current ** : **102 mA**

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

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

MECHANICAL CHARACTERISTICS

Connectors : **SMA 2.9 female per MIL-C 39012**

Life : **10 million cycles**

Switching Time*** : **< 10 ms**

Construction : **Splashproof**

Weight : **< 45 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)

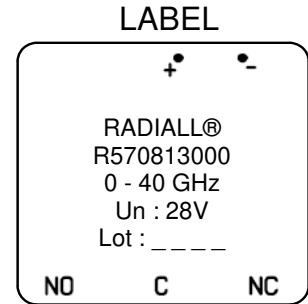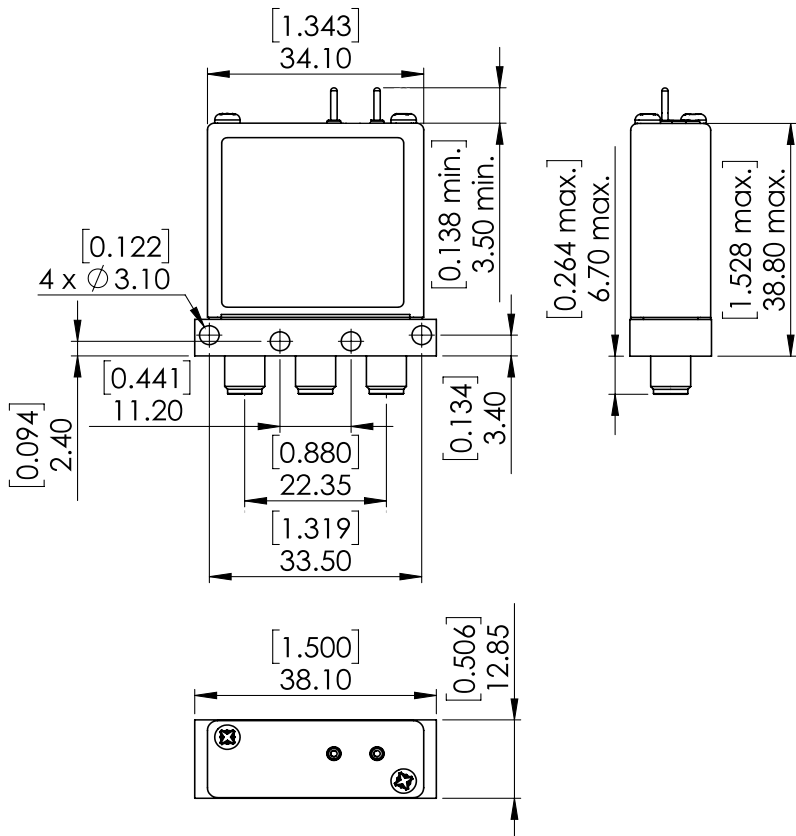(**   At 25° C ±10%)

(***   Nominal voltage ; 25° C)

DRAWING

LABEL

RADIALL®
R570813000
0 - 40 GHz
Un : 28V
Lot : _ _ _ _

NO   C   NC

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

SCHEMATIC DIAGRAM

Position Energized :

NC

C

NO

RF input

Actuator

Power input terminals
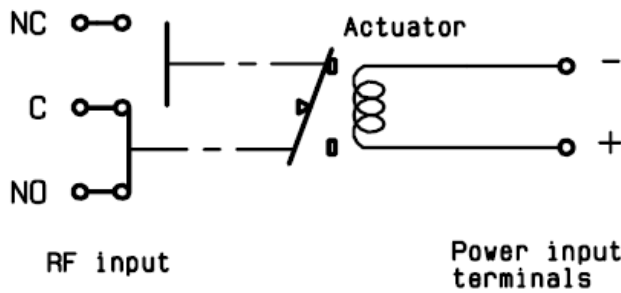
Voltage	RF Continuity
De-energized	C ↔ NC
energized	C ↔ NO