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ISSUE 22-09-15

SERIE : SPDT

PART NUMBER : R572413000

## RF CHARACTERISTICS

Frequency range : 0 - 18 GHz  
Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.10	1.20	1.20	1.40
Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB
Isolation min	80 dB	75 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

## ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE  
Nominal current \*\* : 62 mA  
Actuator voltage (Vcc) : 28V (24 to 30V)  
Terminals : solder pins (250°C max. / 30 sec.)

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012  
Life : 2.5 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)



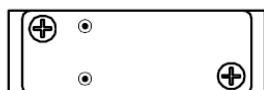
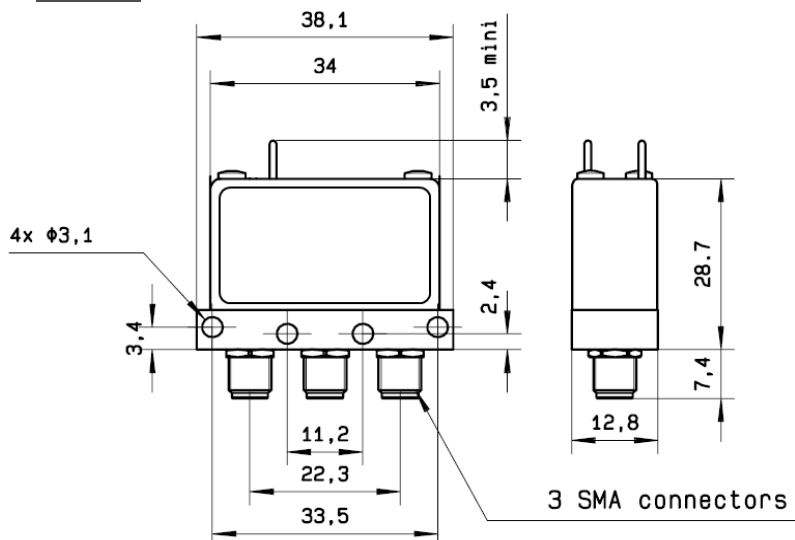
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DRAWING



**LABEL**

- ●  
+ ●

**RADIALL®**  
**R572413000**  
**0 - 18 GHz**

Un : 28V / Lot : \_ \_ \_ \_

NO

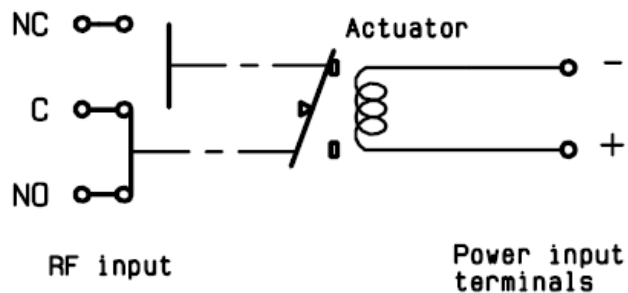
C

NC

General tolerances :  $\pm 0.5$  mm

SCHEMATIC DIAGRAM

**Position Energized :**



Voltage	RF Continuity
De-energized	C ↔ NC
energized	C ↔ NO