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SERIE : SPDT

PART NUMBER : R570433000

## 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 : LATCHING  
Nominal current \*\* : 80 mA  
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
Terminals : solder pins (250°C max. / 30 sec.)

## MECHANICAL CHARACTERISTICS

Connectors : SMA 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)



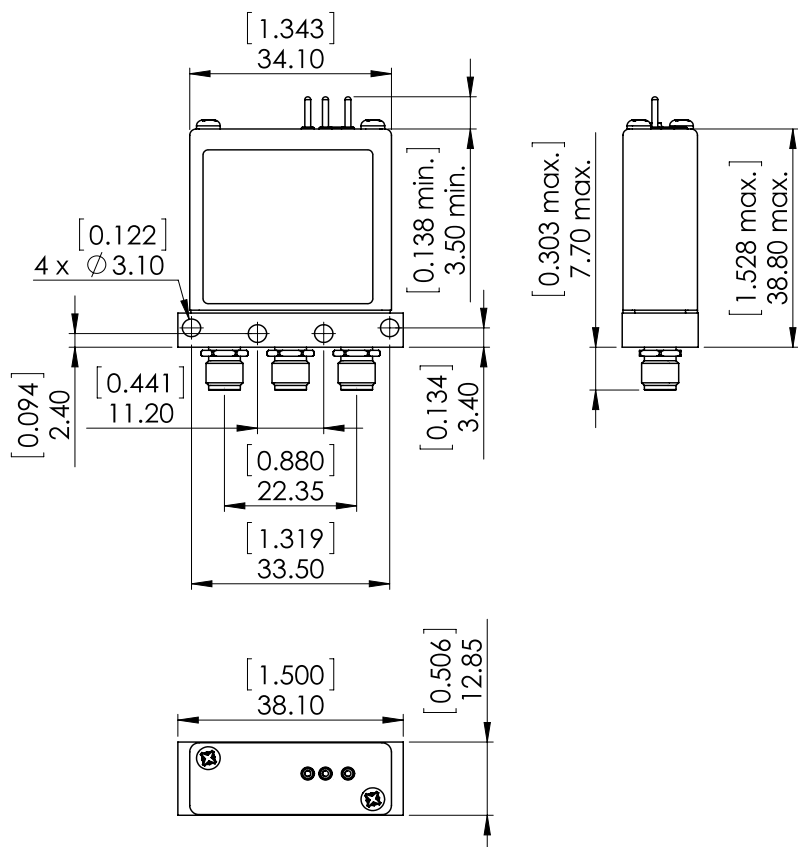
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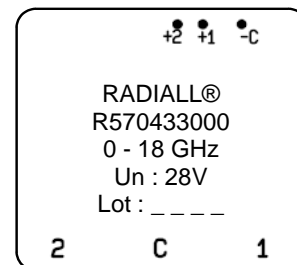
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DRAWING

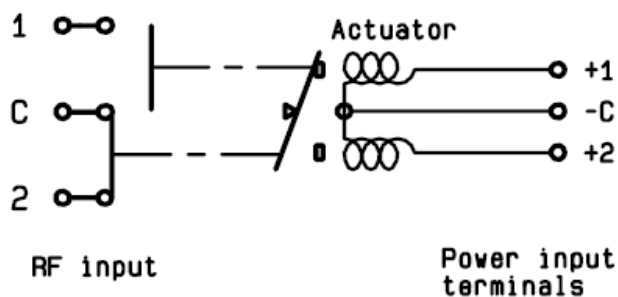


**LABEL**



General tolerances :  $\pm 0,5$  mm [0,02 in]

SCHEMATIC DIAGRAM



| Voltage | RF Continuity |
|---------|---------------|
| -C +1   | C ↔ 1         |
| -C +2   | C ↔ 2         |

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