

4112-9212 This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary



3 GHz SMC FAILSAFE S.P.D.T. SWITCH

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OPTIONS :

### R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 3 GHz  
IMPEDANCE : 50 Ohms

|                 |         |
|-----------------|---------|
| FREQUENCY (GHz) | 0 - 3   |
| V.S.W.R <=      | 1.20    |
| INSERT. LOSS <= | 0.20 dB |
| ISOLATION >=    | 80 dB   |
| AVER. POWER (*) | 110 W   |

### ELECTRICAL CHARACTERISTICS

ACTUATOR : FAILSAFE  
NOMINAL CURRENT AT 25° C (\*10%) : 102 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V)  
TERMINALS : solder pins (250° C max./30 sec.)

### MECHANICAL CHARACTERISTICS

CONNECTORS : SMC fem. per MIL C 39012  
LIFE : 2.500 .000 cycles  
SWITCHING TIME (nominal voltage;25° C) : < 10 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 45 g

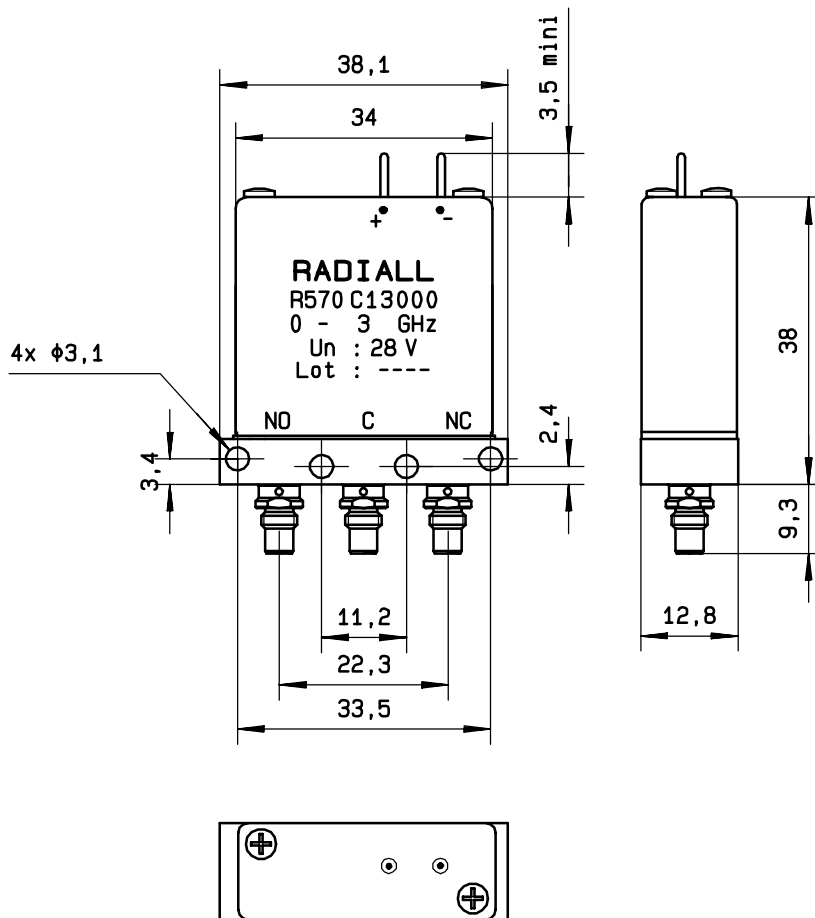
### ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -25 , +70  
STORAGE TEMPERATURE RANGE (°C) : -40 , +85

(\* : average power at 25° C)

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DRAWING

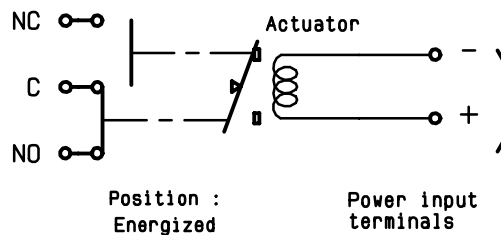


General tolerance:  $\pm 0,5$  mm

SCHEMATIC DIAGRAM

| Voltage      | RF continuity          |
|--------------|------------------------|
| De-energized | C $\leftrightarrow$ NC |
| energized    | C $\leftrightarrow$ NO |

RF input



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