



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

OPTIONS /: TTL DRIVE

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%) : 250 mA
 ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V)
 TERMINALS : solder pins (250° C max./30 sec.)
 TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V
 - Low level : 0 to 0.8V / 20µA at 0.8V

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

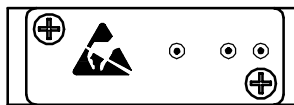
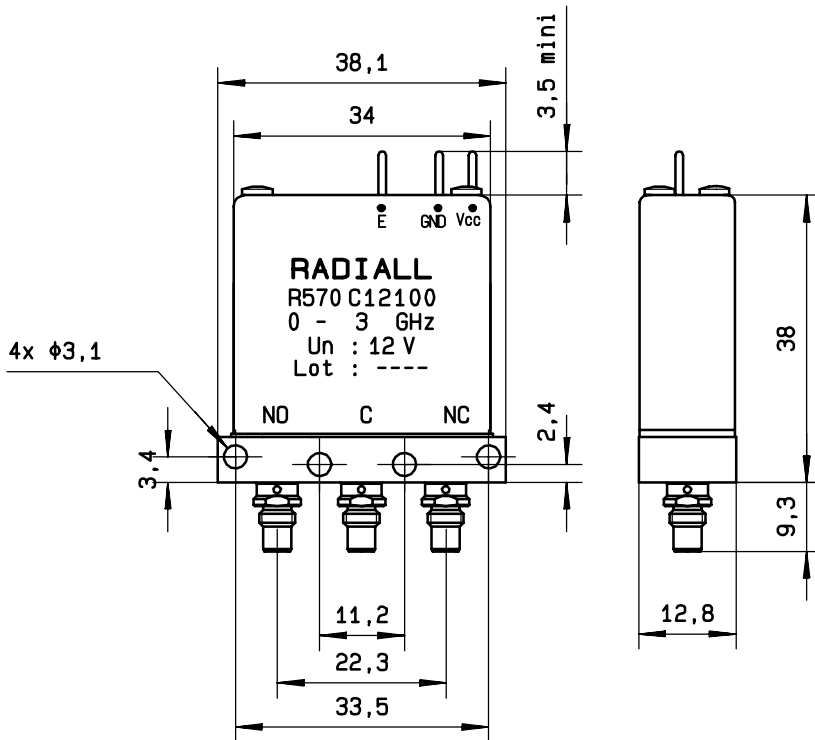
(* : average power at 25° C)

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

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R570 C12100

DRAWING



General tolerance: $\pm 0,5$ mm

SCHEMATIC DIAGRAM

| TTL input | RF continuity |
|-----------|------------------------|
| E=0 | C \leftrightarrow NC |
| E=1 | C \leftrightarrow NO |

RF input

