



18 GHz SMA FAILSAFE S.P.D.T. SWITCH

Page
1 / 2

OPTIONS : / LOW CURRENT / LOW SIZE

R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 18 GHz

IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4- 18
V.S.W.R <=	1.20	1.30	1.40	1.50
INSERT. LOSS <=	0.20 dB	0.30 dB	0.40 dB	0.50 dB
ISOLATION >=	80 dB	70 dB	60 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : FAILSAFE

NOMINAL CURRENT AT 25°C (±10%) : 160 mA

ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V)

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

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female 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) : -40 , +85

STORAGE TEMPERATURE RANGE (°C) : -55 , +85

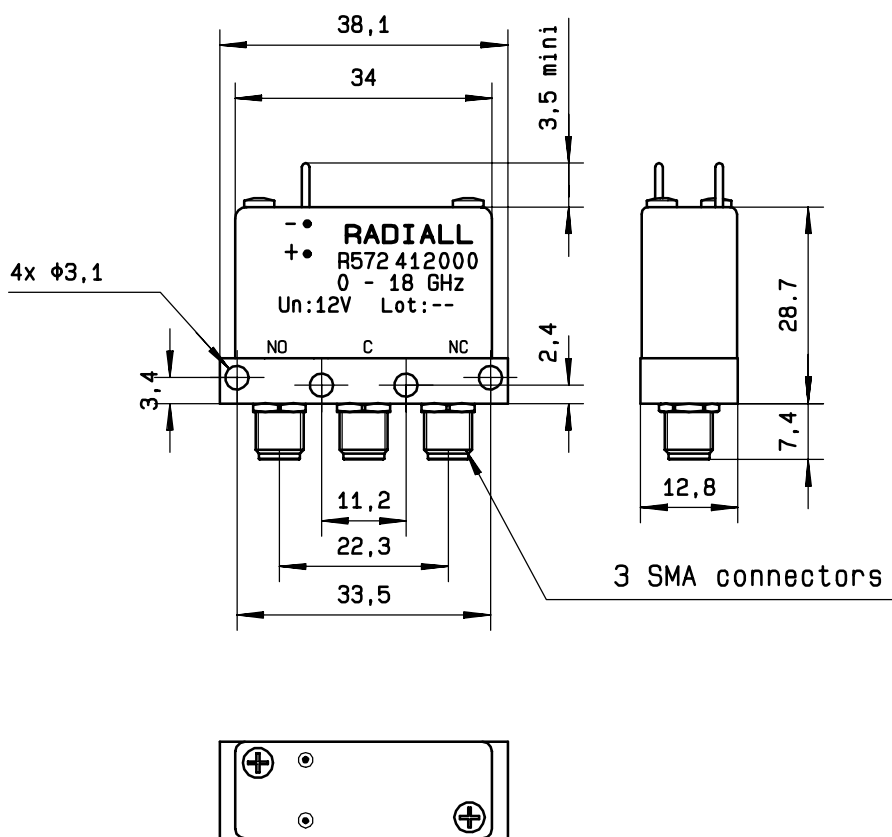
(* : average power at 25°C)

4113-9212 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

R572.412.000

Page
2/2

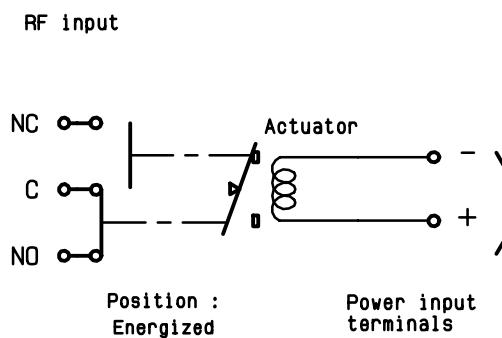
DRAWING



General tolerance: $\pm 0,5$ mm

SCHEMATIC DIAGRAM

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



ISSUE 22. jan.08