



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

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OPTIONS /: TTL DRIVE

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%) : 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 : SMA fem. per MIL C 39012

LIFE : 10.000000 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)

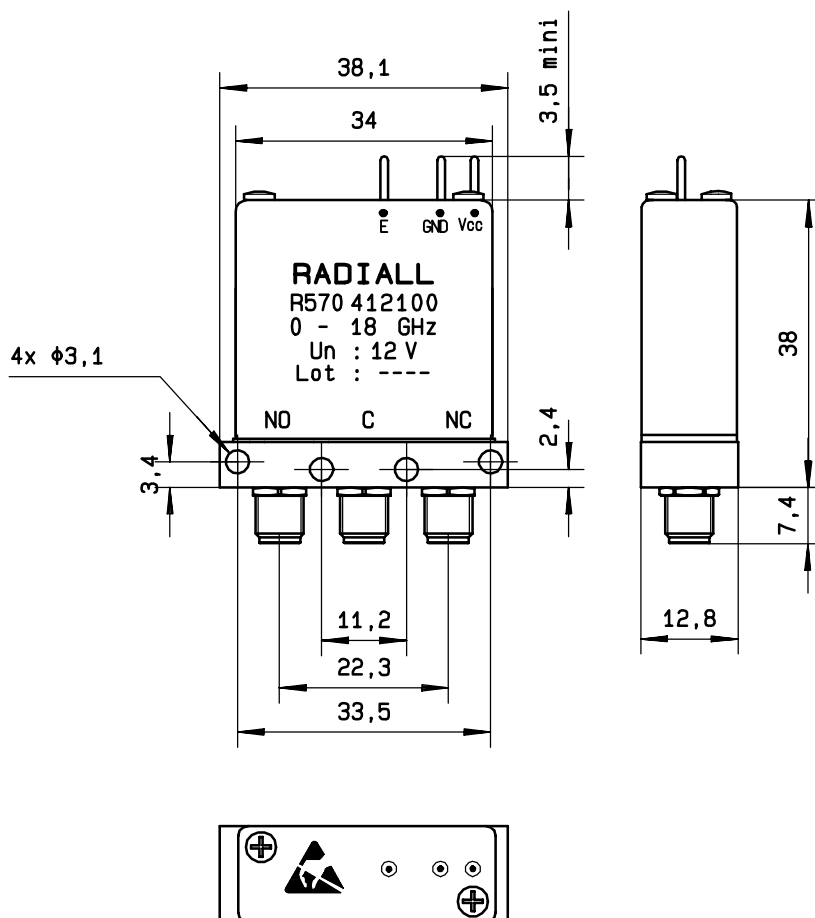
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DRAWING

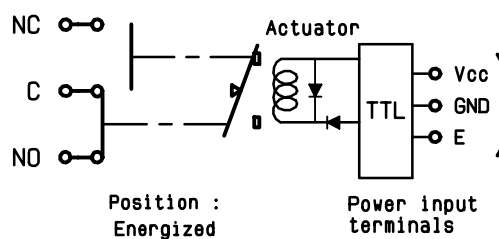


General tolerance: $\pm 0,5$ mm

SCHEMATIC DIAGRAM

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

RF input



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