



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

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OPTIONS: / TTL DRIVE

R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 3 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 1	1 - 2	2 - 3
V.S.W.R	<= 1.15	1.20	1.25
INSERT. LOSS	<= 0.15 dB	0.20 dB	0.25 dB
ISOLATION	>= 85 dB	80 dB	75 dB
AVER. POWER (*)	400 W	300 W	240 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : FAILSAFE
NOMINAL CURRENT AT 25° C (±10%) : 310 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V)
TERMINALS : solder pins (250 Deg.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 : BNC fem. per MIL C 39012
LIFE : 2.500.000 cycles
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 185 g

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C) : -40 , +85
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(* : average power at 25° C)

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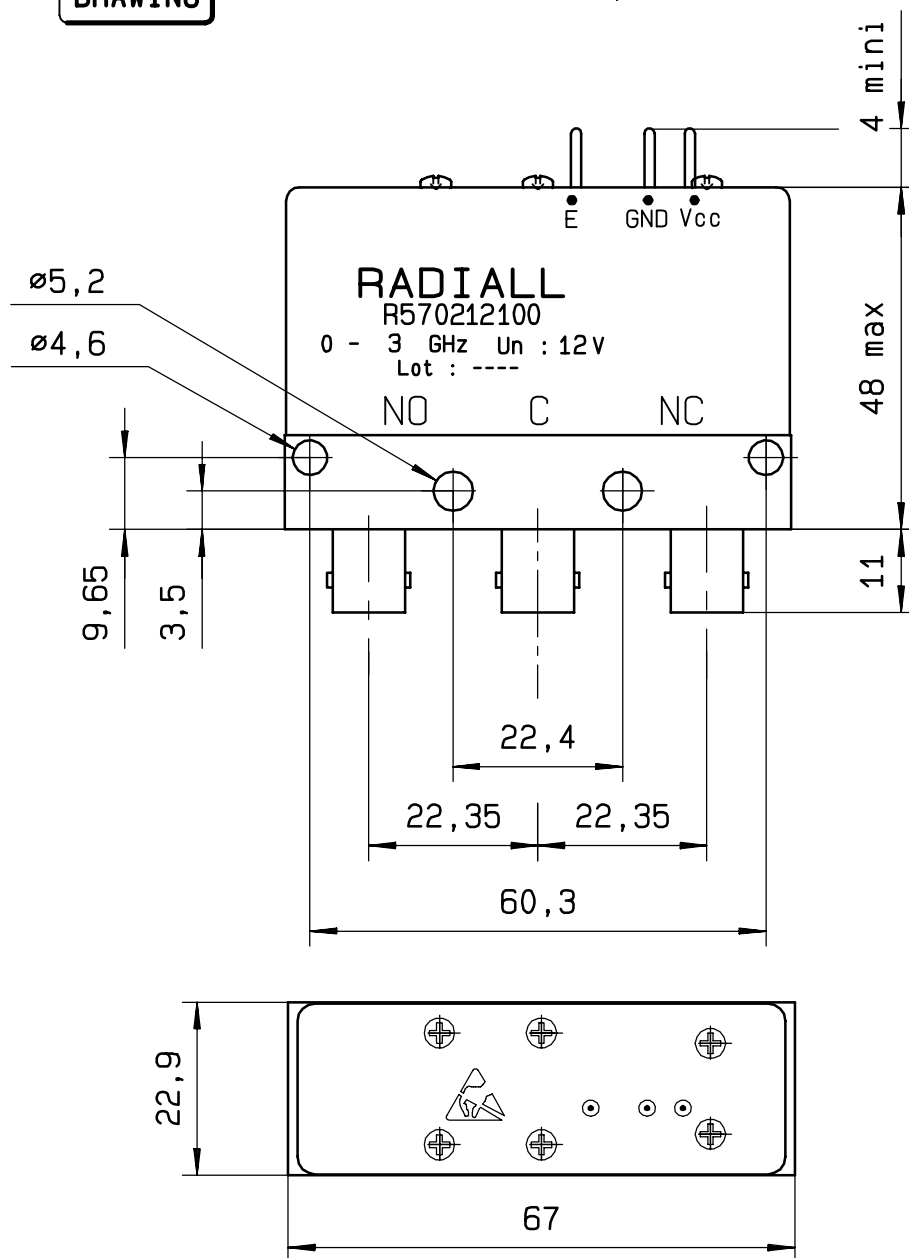
R570.212.100

DRAWING

General tolerance: * 0,5 mm

issue

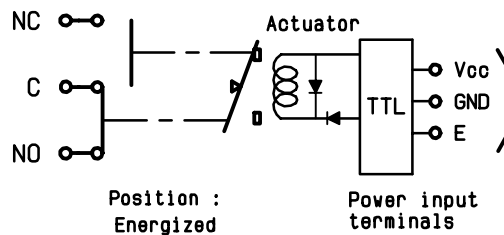
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SCHEMATIC DIAGRAM

TTL input	RF continuity
E=0	C ↔ NC
E=1	C ↔ NO

RF input



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