



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

OPTIONS : INDICATOR /SUPP.DIODES

**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 <=	1.10	1.20	1.20	1.40
INSERT. LOSS <=	0.15 dB	0.20 dB	0.25 dB	0.35 dB
ISOLATION >=	80 dB	75 dB	65 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.)  
 INDICATOR RATING : 1 W / 30 V / 100 mA

**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**

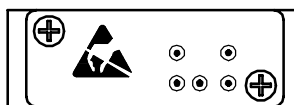
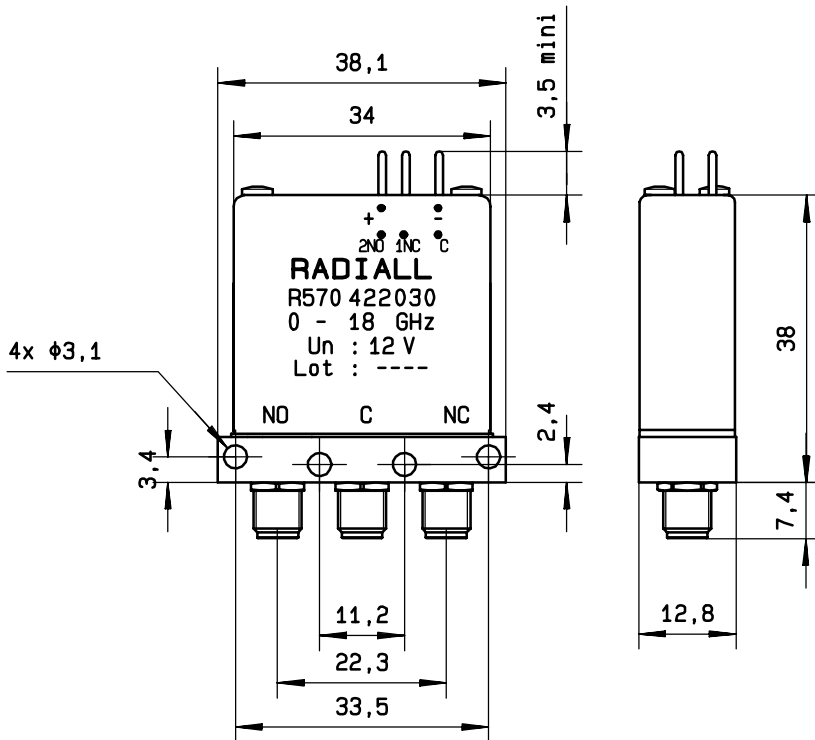
OPERATING TEMPERATURE RANGE (°C) : -40 , +85  
 STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(\* : average power at 25° C)

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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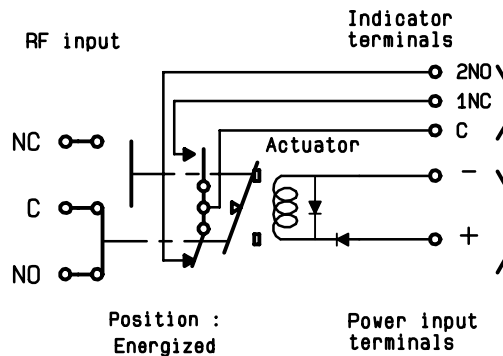
**DRAWING**



General tolerance:  $\pm 0,5$  mm

**SCHEMATIC DIAGRAM**

Voltage	RF continuity	Indicator
De-energized	C $\leftrightarrow$ NC	C . 1NC
energized	C $\leftrightarrow$ NO	C . 2NO



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