



**26.5 GHz SMA LATCHING S.P.D.T. SWITCH**

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OPTIONS : INDICATOR /SELF CUT-OFF

### R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 26.5 GHz  
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4- 18	18 -26.5
V.S.W.R	<= 1.10	1.20	1.20	1.40	1.50
INSERT. LOSS	<= 0.15 dB	0.20 dB	0.25 dB	0.35 dB	0.50 dB
ISOLATION	>= 80 dB	75 dB	65 dB	60 dB	55 dB
AVER. POWER (*)	240 W	150 W	120 W	100 W	40 W

### ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING  
NOMINAL CURRENT AT 25° C (±10%) : 80 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
TERMINALS : solder pins (250° C max./30 sec.)  
INDICATOR RATING : 1 W / 30 V / 100 mA  
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

### MECHANICAL CHARACTERISTICS

CONNECTORS : SMA fem. per MIL C 39012  
LIFE : 10.000.000 cycles  
SWITCHING TIME (nominal voltage;25° C) : < 10 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 45 g

### ENVIRONMENTAL CHARACTERISTICS

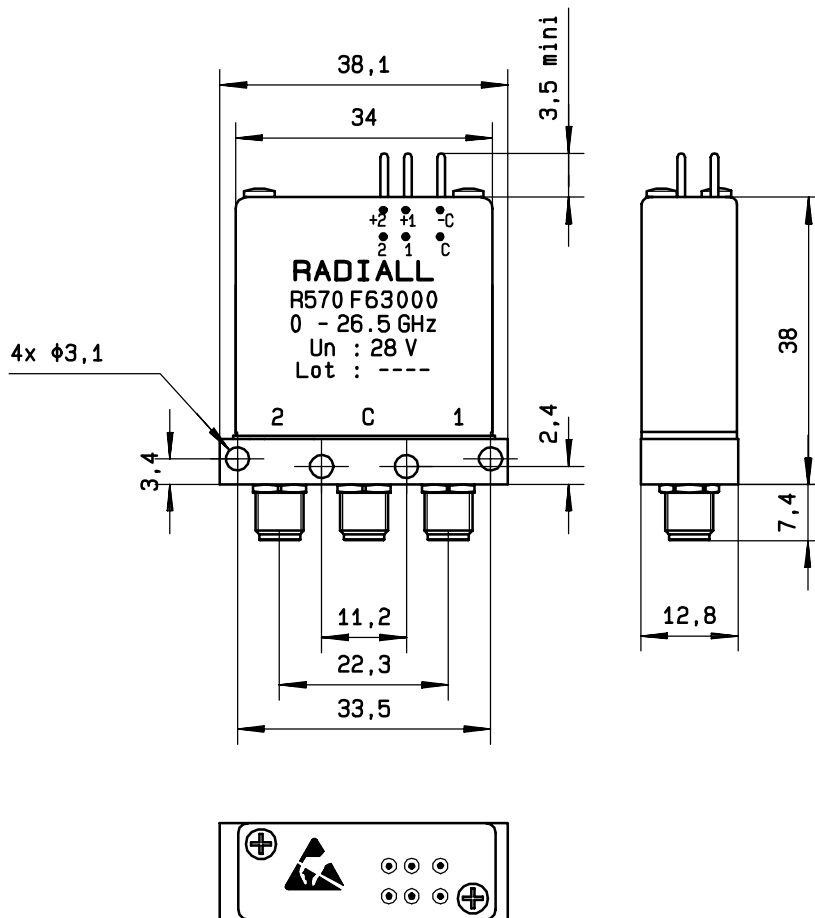
OPERATING TEMPERATURE RANGE (°C) : -40 , +85  
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(\* : average power at 25° C)

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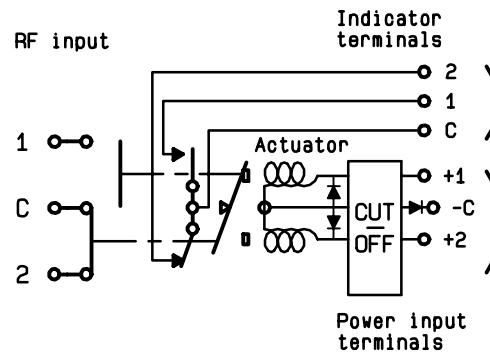
DRAWING



General tolerance:  $\pm 0,5$  mm

SCHEMATIC DIAGRAM

Voltage	RF continuity	Indicator
- C + 1	C $\leftrightarrow$ 1	C . 1
- C + 2	C $\leftrightarrow$ 2	C . 2



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