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ISSUE 12-09-22

SERIE : SPDT

PART NUMBER : R570E52010

## RF CHARACTERISTICS

Frequency range : 0 - 6 GHz  
Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 6
VSWR max	1.20	1.30
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	240 W	170 W

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 210 mA  
Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON  
Terminals : solder pins (250°C max. / 30 sec.)  
Self cut-off time : 40 ms < CT < 120 ms

## MECHANICAL CHARACTERISTICS

Connectors : QMA female per MIL-C 39012  
Life : 10 million cycles  
Switching Time\*\*\* : < 10 ms  
Construction : Splashproof  
Weight : < 45 g

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -40°C to +85°C  
Storage temperature range : -55°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage ; 25° C)



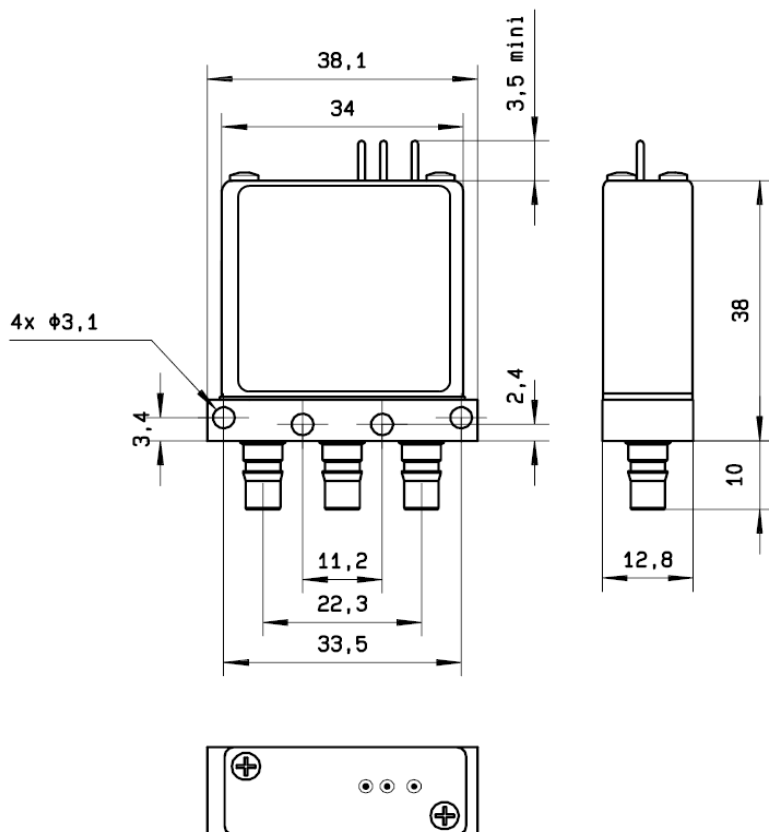
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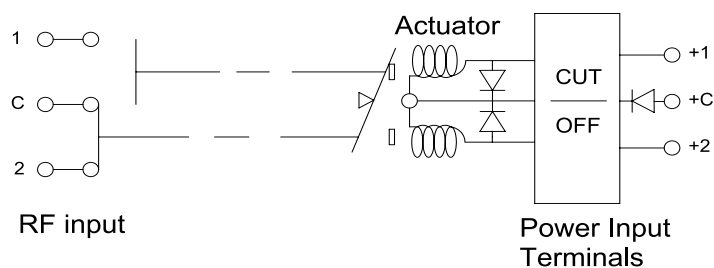
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DRAWING



General tolerances :  $\pm 0,5$  mm [0,02 in]

SCHEMATIC DIAGRAM



Voltage	RF Continuity
+C -1	C ↔ 1
+C -2	C ↔ 2