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ISSUE 22-03-22

SERIE : SPDT

PART NUMBER : R570953100

RF CHARACTERISTICS

Frequency range : 0 - 2.5 GHz
Impedance : 75 Ohms

Frequency (GHz)	DC - 1	1 - 2.5
VSWR max	1.20	1.30
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	400 W	240 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 80 mA
Actuator voltage (Vcc) : 28V (24 to 30V)
Terminals : solder pins (250°C max. / 30 sec.)
Self cut-off time : 40 ms < CT < 120 ms
TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V
- Low level : 0 to 0.8 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : 1.6/5.6 female per IEC 169-13
Life : 5 million cycles
Switching Time*** : < 10 ms
Construction : Splashproof
Weight : < 45 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C
Storage temperature range : -40°C to +85°C

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)



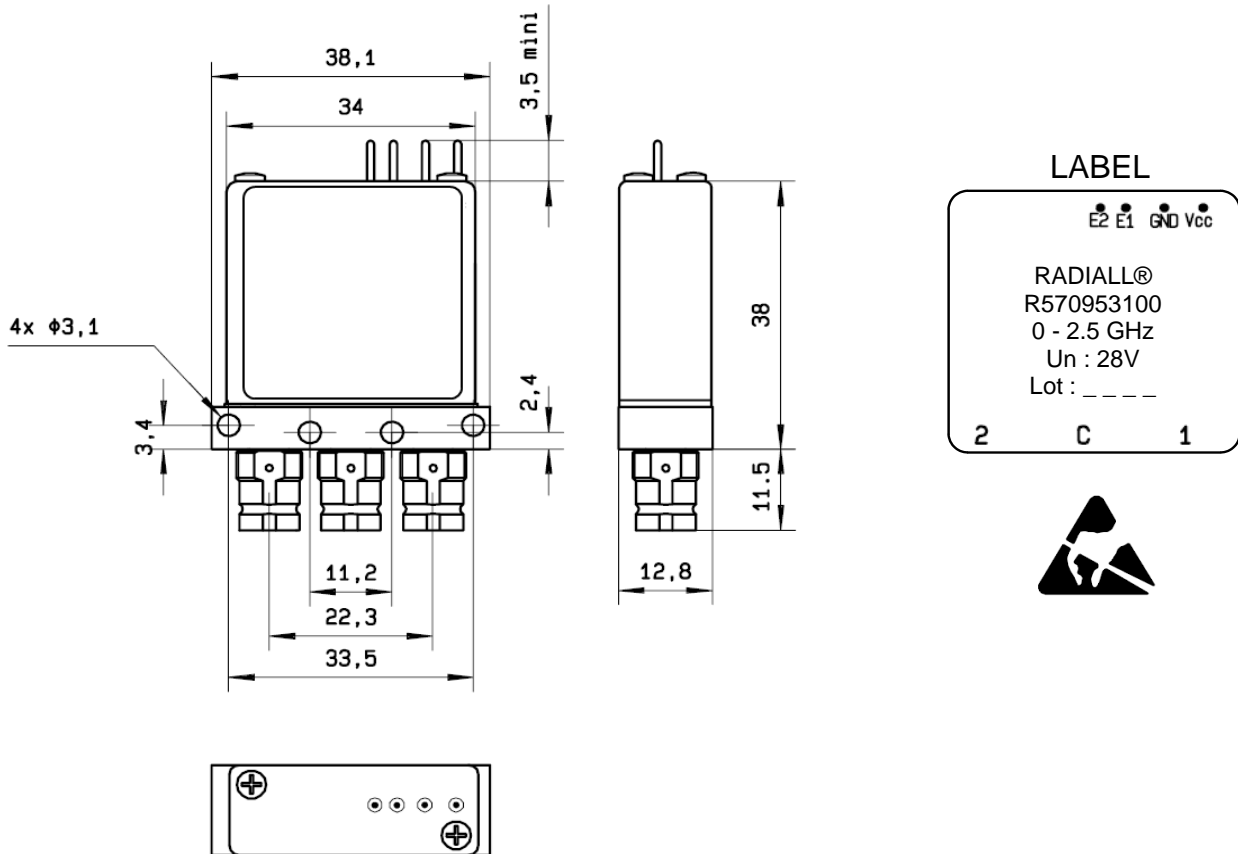
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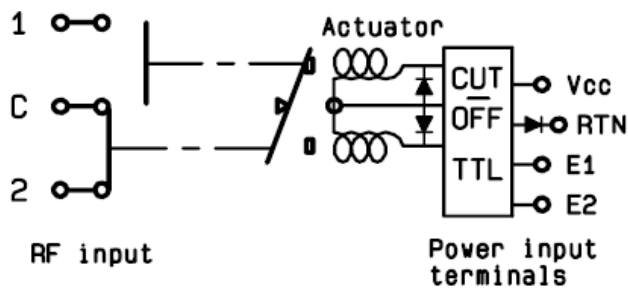
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DRAWING



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

SCHEMATIC DIAGRAM



TTL input	RF Continuity
E1=1 / E2=0	C \leftrightarrow 1
E1=0 / E2=1	C \leftrightarrow 2
E1=0 / E2=0	Memory
E1=1 / E2=1	Forbidden