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SERIE : SPDT

PART NUMBER : R570F42010

RF CHARACTERISTICS

Frequency range : **0 - 26.5 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.10	1.20	1.20	1.40	1.50
Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB	0.50 dB
Isolation min	80 dB	75 dB	65 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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.)**
Indicator rating : **1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors : **SMA 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)



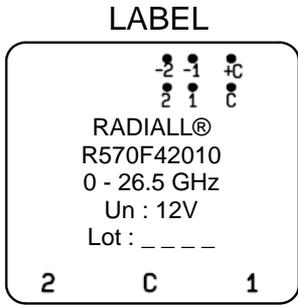
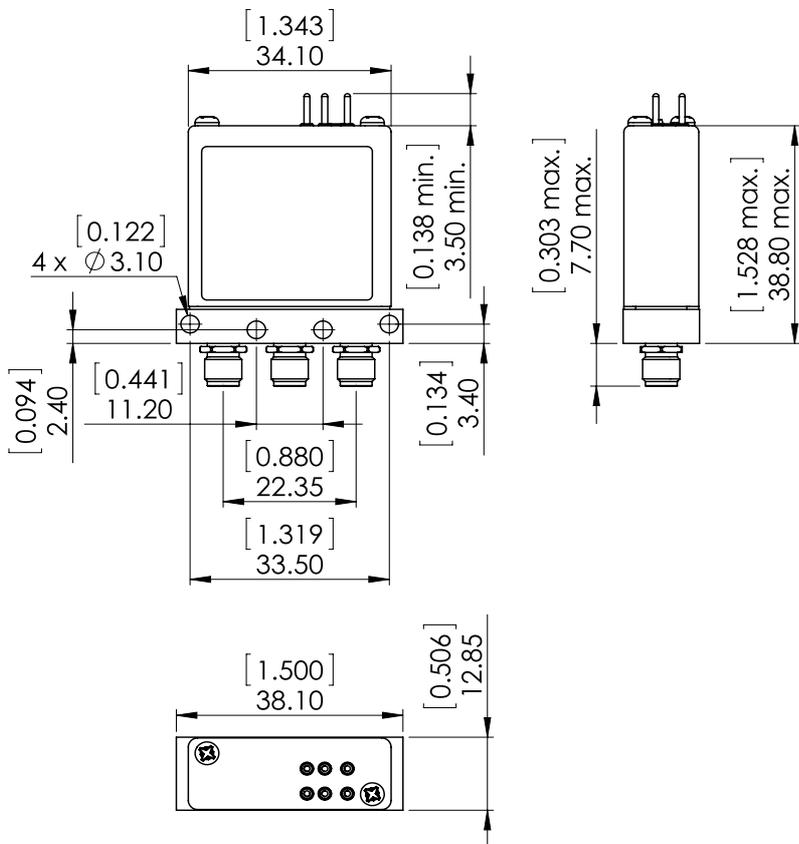
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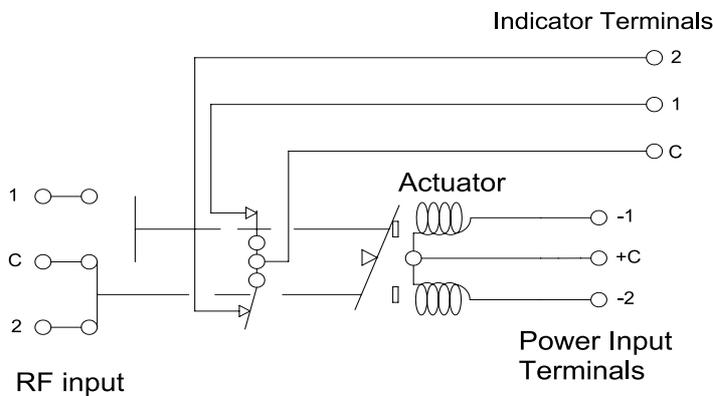
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DRAWING



General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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