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SERIE : SPDT

PART NUMBER : R570F62100

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)

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

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 : 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)



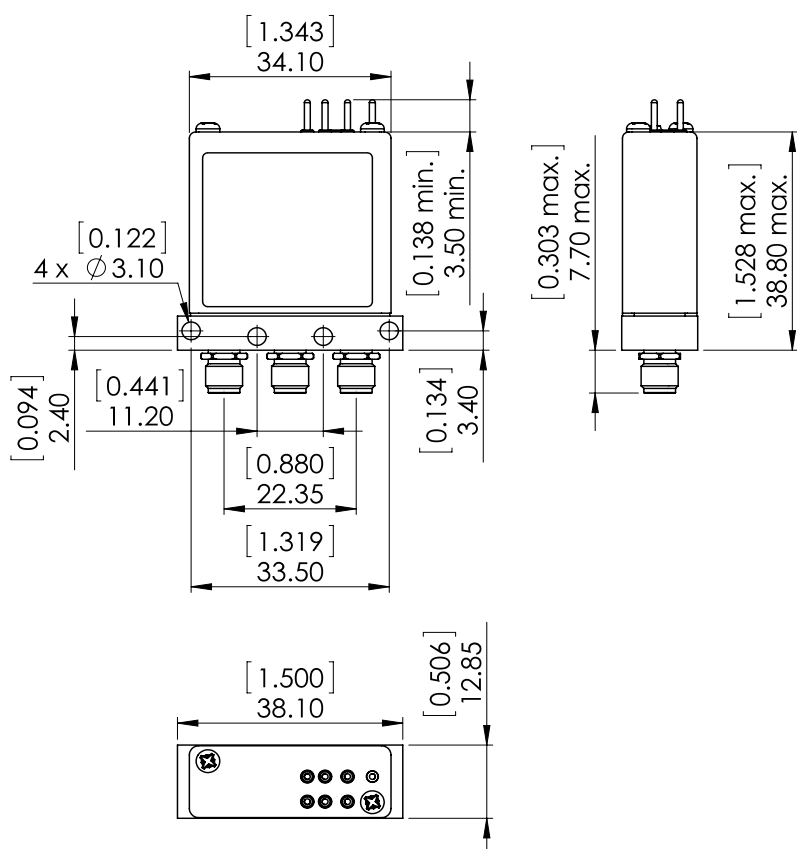
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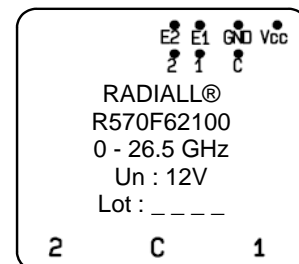
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DRAWING

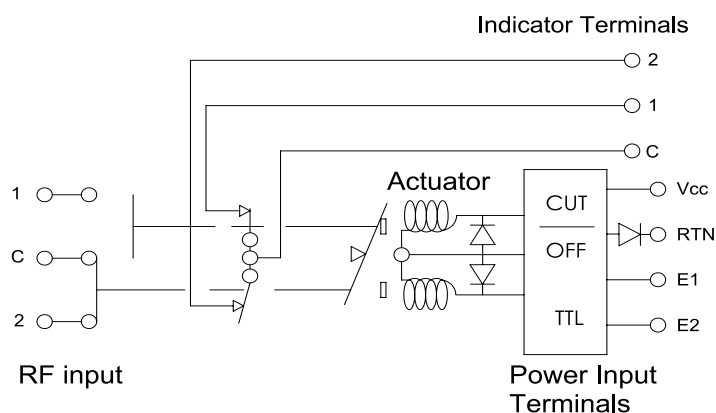


LABEL



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

SCHEMATIC DIAGRAM



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