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SERIE : SPDT

PART NUMBER : R570833030

RF CHARACTERISTICS

Frequency range : 0 - 40 GHz
Impedance : 50 Ohms

| Frequency (GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 | 18 - 26.5 | 26.5 - 40 |
|--------------------|---------|----------|-----------|-----------|-----------|
| VSWR max | 1.30 | 1.40 | 1.50 | 1.70 | 1.90 |
| Insertion loss max | 0.30 dB | 0.40 dB | 0.50 dB | 0.70 dB | 0.80 dB |
| Isolation min | 70 dB | 60 dB | 60 dB | 55 dB | 50 dB |
| Average power (*) | 80 W | 60 W | 50 W | 20 W | 10 W |

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 80 mA
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 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)



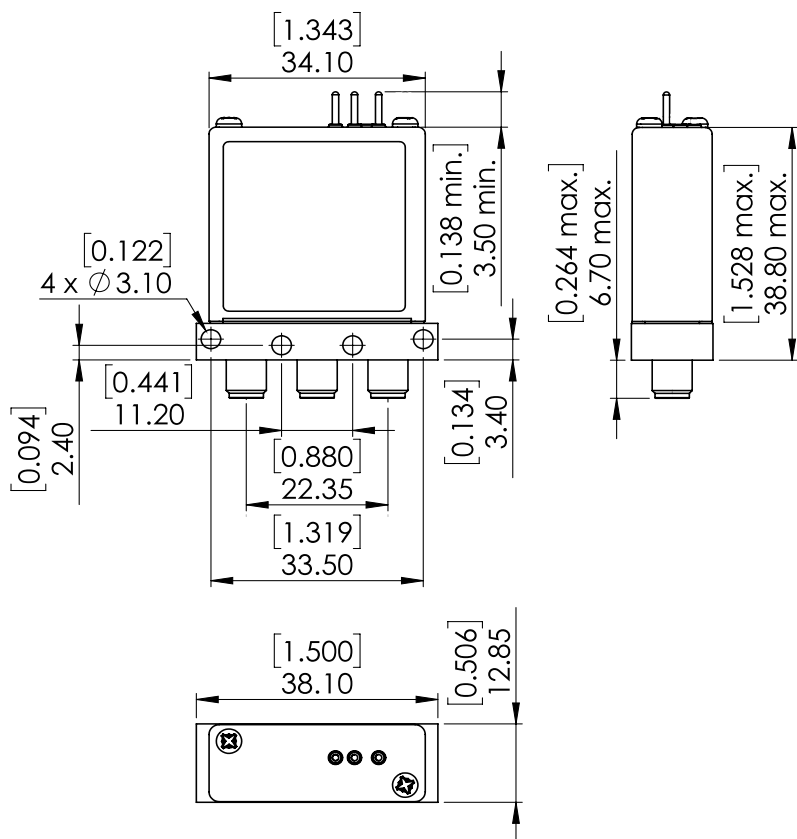
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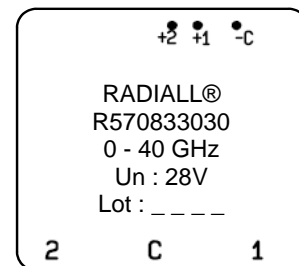
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DRAWING

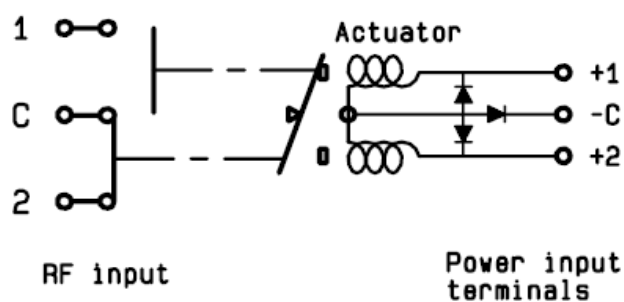


LABEL



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

SCHEMATIC DIAGRAM



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