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ISSUE 26-10-15

SERIE : SPDT

PART NUMBER : R570432040

RF CHARACTERISTICS

Frequency range : 0 - 18 GHz
Impedance : 50 Ohms

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 |
|--------------------|---------|---------|----------|-----------|
| VSWR max | 1.10 | 1.20 | 1.20 | 1.40 |
| Insertion loss max | 0.15 dB | 0.20 dB | 0.25 dB | 0.35 dB |
| Isolation min | 80 dB | 75 dB | 65 dB | 60 dB |
| Average power (*) | 240 W | 150 W | 120 W | 100 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.)

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)



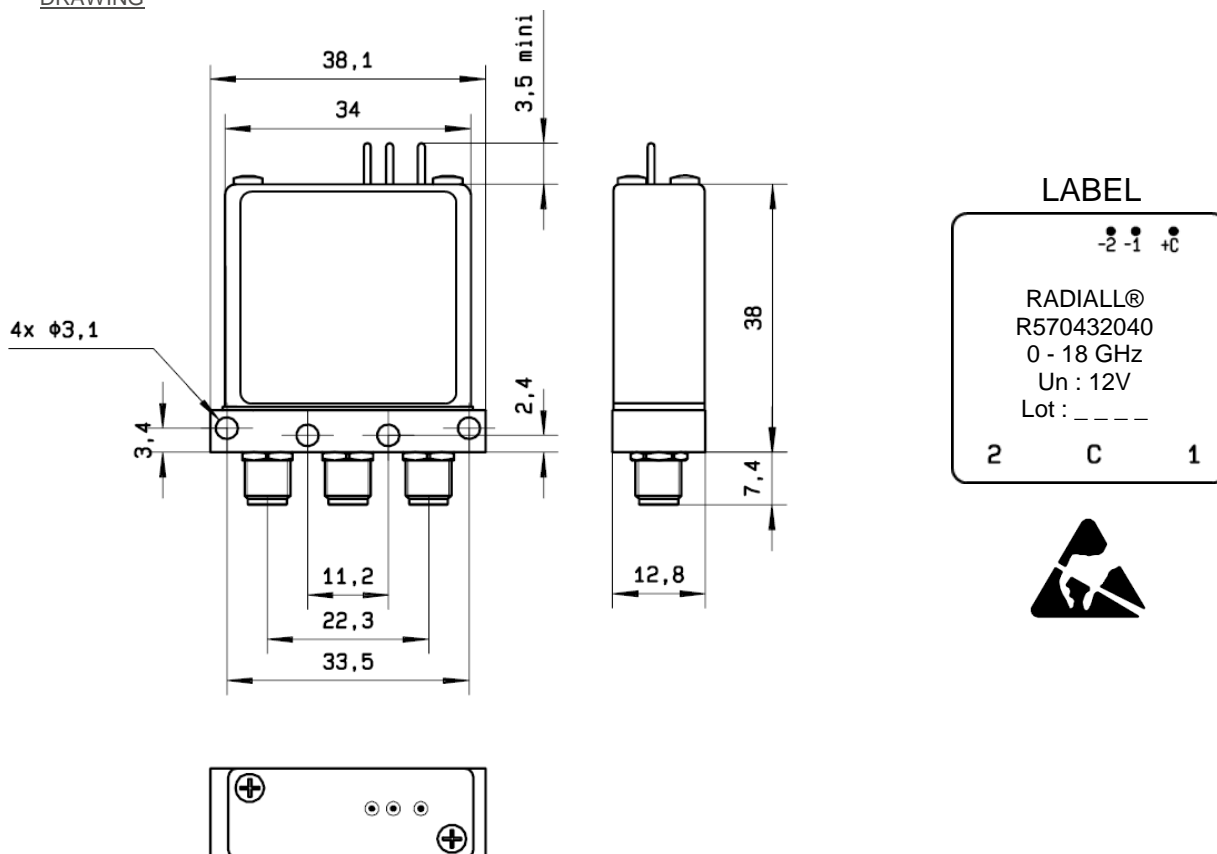
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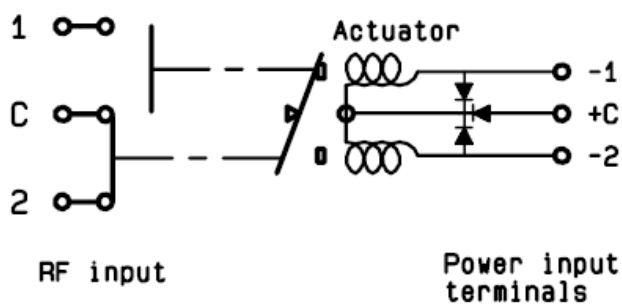
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DRAWING



General tolerances : ± 0.5 mm

SCHEMATIC DIAGRAM



| Voltage | RF Continuity |
|---------|-----------------------|
| +C -1 | C \leftrightarrow 1 |
| +C -2 | C \leftrightarrow 2 |