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TECHNOLOGY GROUP

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Full-service, independent repair center
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so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Technical Data Sheet

SPDT Ramses SMA 3GHz Failsafe 12Vdc TTL Diodes Pins Terminals

PAGE **1/2**	ISSUE **11-04-17**	SERIE : **SPDT**	PART NUMBER : **R570312100**

RF CHARACTERISTICS

Frequency range : **0 - 3 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	**DC - 3**
VSWR max	**1.10**
Insertion loss max	**0.15 dB**
Isolation min	**80 dB**
Average power (*)	**240 W**

ELECTRICAL CHARACTERISTICS

Actuator : **FAILSAFE**
Nominal current ** : **250 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V)**
Terminals : **solder pins (250°C max. / 30 sec.)**
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

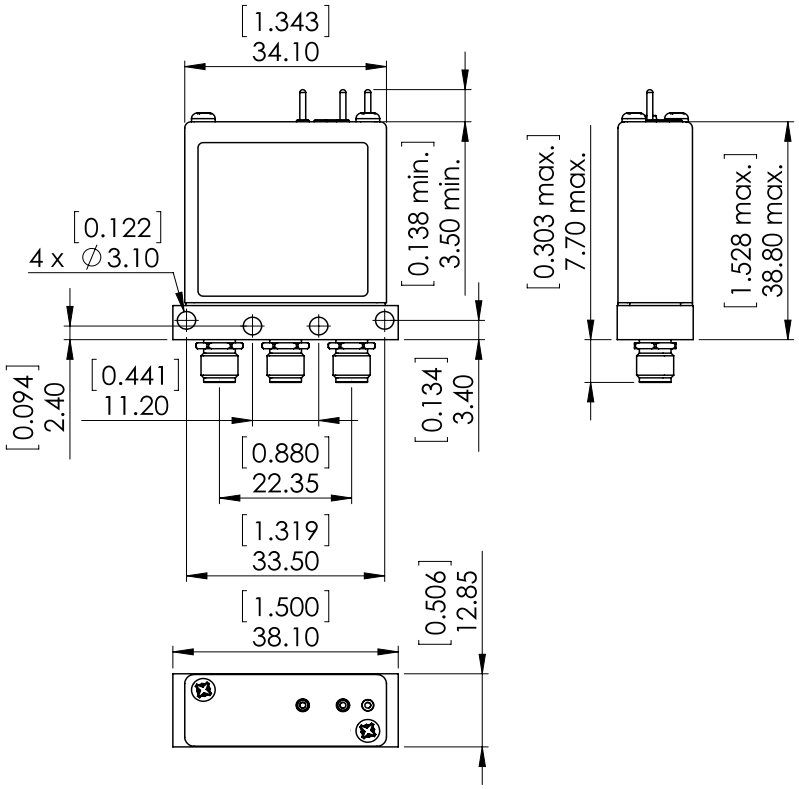
Operating temperature range : **-40°C to +85°C**
Storage temperature range : **-55°C to +85°C**

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

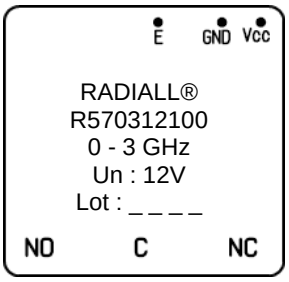
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PAGE **2/2**	ISSUE **11-04-17**	SERIE : **SPDT**	PART NUMBER : **R570312100**

DRAWING



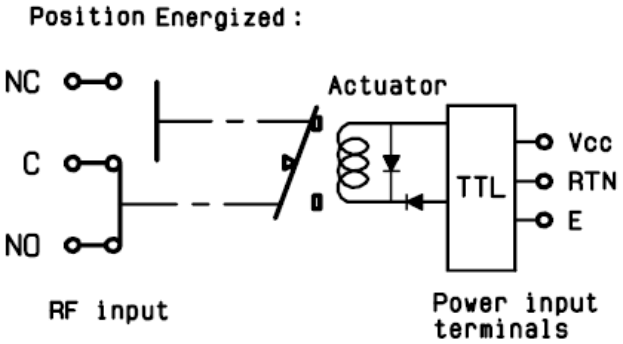
LABEL





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

SCHEMATIC DIAGRAM



TTL input	RF Continuity
E = 0	C ↔ NC
E = 1	C ↔ NO

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