## **Technical Data Sheet**



SPDT Ramses SMA 3GHz Latching Indicators 12Vdc Positive common Diodes Pins Terminals

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### **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 : 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 msConstruction : 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)



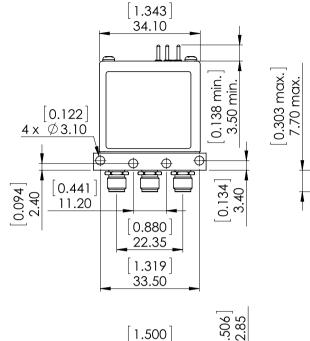


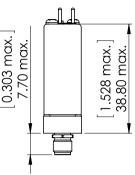


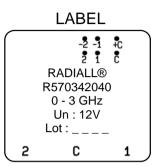
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#### **DRAWING**









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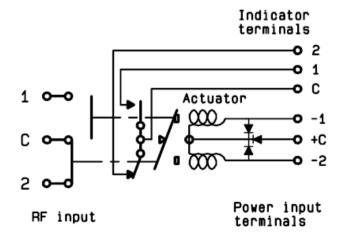
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**3** 

General tolerances: ±0,5 mm [0,02 in]

# SCHEMATIC DIAGRAM



| Voltage | RF Continuity         | Ind. |
|---------|-----------------------|------|
| +C -1   | $C \leftrightarrow 1$ | C.1  |
| +C -2   | C ↔ 2                 | C.2  |

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