## **Technical Data Sheet**



SP10T Terminated Ramses SMA 18GHz Normaly open 12Vdc Pins Terminals

PAGE 1/2 ISSUE 30.01.15 SERIE : SPnT PART NUMBER : R574402000

#### RF CHARACTERISTICS

Number of ways : 10

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  | 3 - 8   | 8 - 12.4 | 12.4 - 15.5 | 15.5 - 18 |
|--------------------|---------|---------|----------|-------------|-----------|
| VSWR max           | 1.20    | 1.30    | 1.40     | 1.50        | 1.70      |
| Insertion loss max | 0.20 dB | 0.30 dB | 0.40 dB  | 0.50 dB     | 0.70 dB   |
| Isolation min      | 80 dB   | 70 dB   | 60 dB    | 60 dB       | 55 dB     |
| Average power (*)  | 240 W   | 150 W   | 120 W    | 110 W       | 100 W     |

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

#### **ELECTRICAL CHARACTERISTICS**

Actuator : NORMALLY OPEN

Nominal current \*\* : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

#### MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 360 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%)

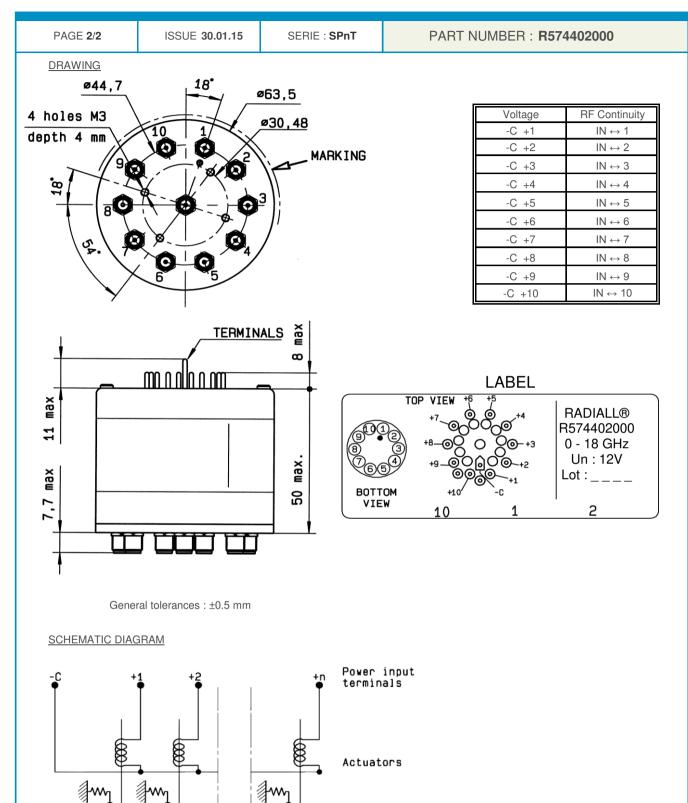
(\*\*\* Nominal voltage; 25° C)



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RF inputs