# **Technical Data Sheet**



SP3T Terminated Ramses SMA 26GHz Latching 12Vdc TTL Drive Solder pins

PAGE 1/2 ISSUE 17.12.13 SERIE : SPNT PART NUMBER : R574F22320

### RF CHARACTERISTICS

Number of ways : 3

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

| Frequency (GHz)    | DC - 3  | 3 - 8   | 8 - 12.4 | 12.4 - 18 | 18-26.5 |
|--------------------|---------|---------|----------|-----------|---------|
| 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     | 50 dB   |
| Average power (*)  | 240 W   | 150 W   | 120 W    | 100 W     | 40 W    |

TERMINATION IMPEDANCE : 50 Ohms

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

### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING

Nominal current \*\* : 320 mA / RESET : 960 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 : 2.000.000 cycles per position

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 250 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)

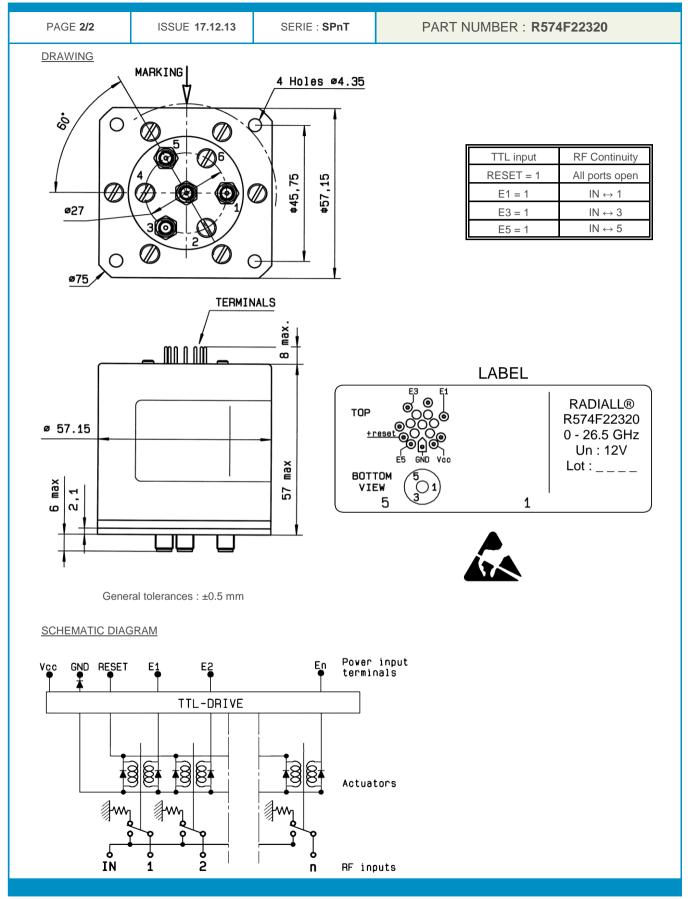
(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)



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