## **Technical Data Sheet**



SP5T Ramses SMA 18GHz Normally open 28Vdc TTL Drive Pins Terminals

PAGE 1/2 ISSUE 24-11-16 SERIE : SPnT PART NUMBER : R573403520

#### RF CHARACTERISTICS

Number of ways : 5

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

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

### **ELECTRICAL CHARACTERISTICS**

Actuator : NORMALLY OPEN

Nominal current \*\* : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)

TTL inputs (E) - High level : 2.2 to 5.5 V /  $800\mu A$  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 : 5.000.000 cycles per position

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 220 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%)

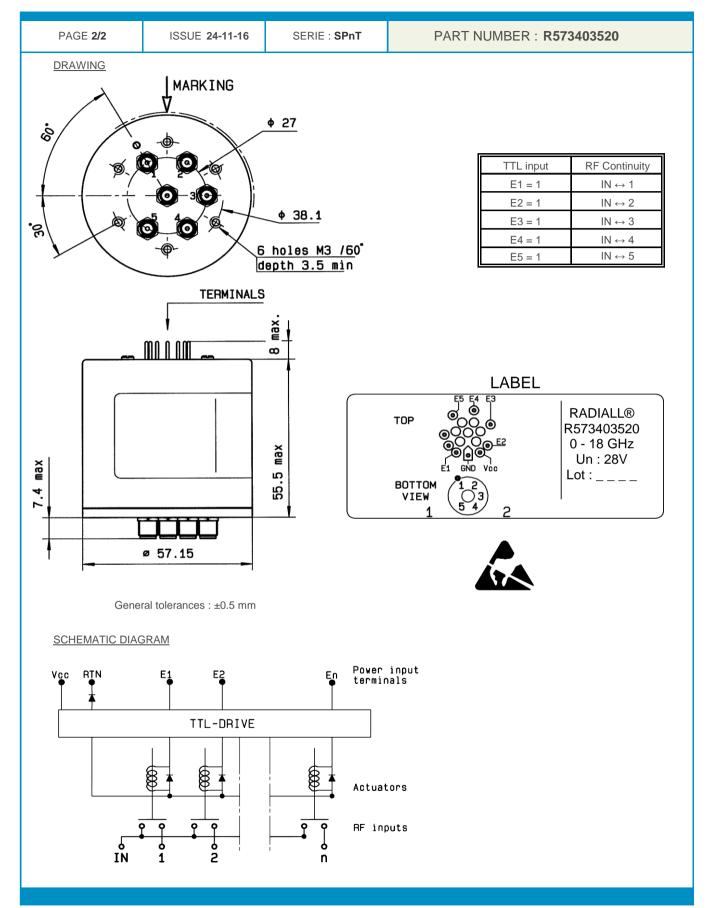
(\*\*\* Nominal voltage ; 25° C)



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