# **Technical Data Sheet**



SP3T Terminated Ramses SMA 18GHz Latching Self-cut-off Indicators 28Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574453320

#### RF CHARACTERISTICS

Number of ways : 3

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

TERMINATION IMPEDANCE : 50 Ohms

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

### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING

Nominal current \*\* : 125 mA / RESET : 375 mA \*\*\*\*

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

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

 $\begin{array}{ll} \mbox{Indicator rating} & : 1 \mbox{ W} \mbox{/ 30 V} \mbox{/ 100 mA} \\ \mbox{Self cut-off time} & : 40 \mbox{ ms} < \mbox{CT} < 120 \mbox{ ms} \\ \end{array}$ 

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 / 20 $\mu$ A at 0.8 V

# MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2 million 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)

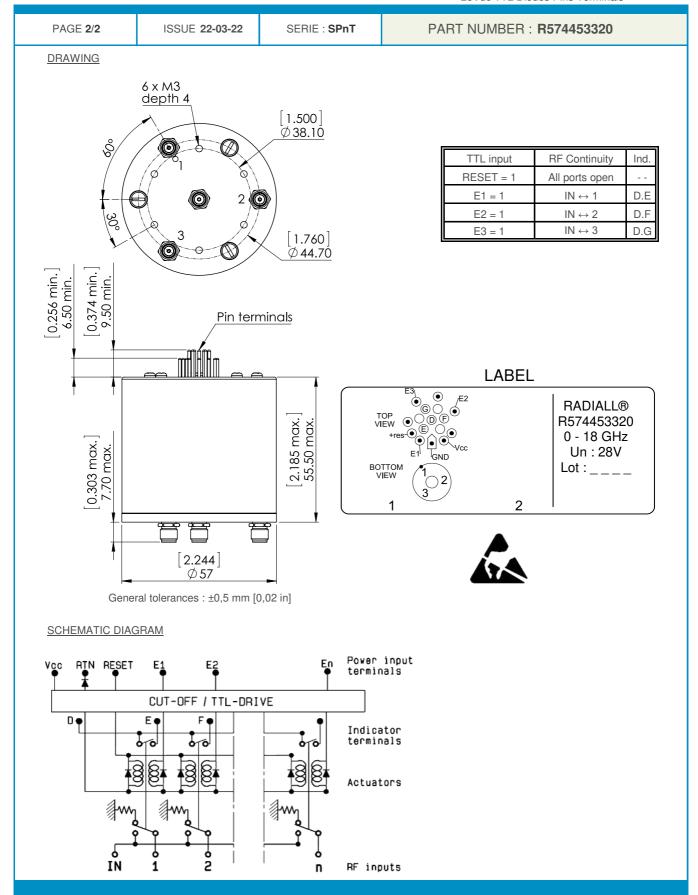
(\*\*\*\* Reset : supply voltage time 1sec. max. / duty cycle 10%)







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