



SP10T Ramses SMA 18GHz Latching Self-cut-off Auto-reset Indicators 28Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R573493020

## 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

## **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 500 mA

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

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

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

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 million cycles per position

Switching Time\*\*\* : < 50 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%)

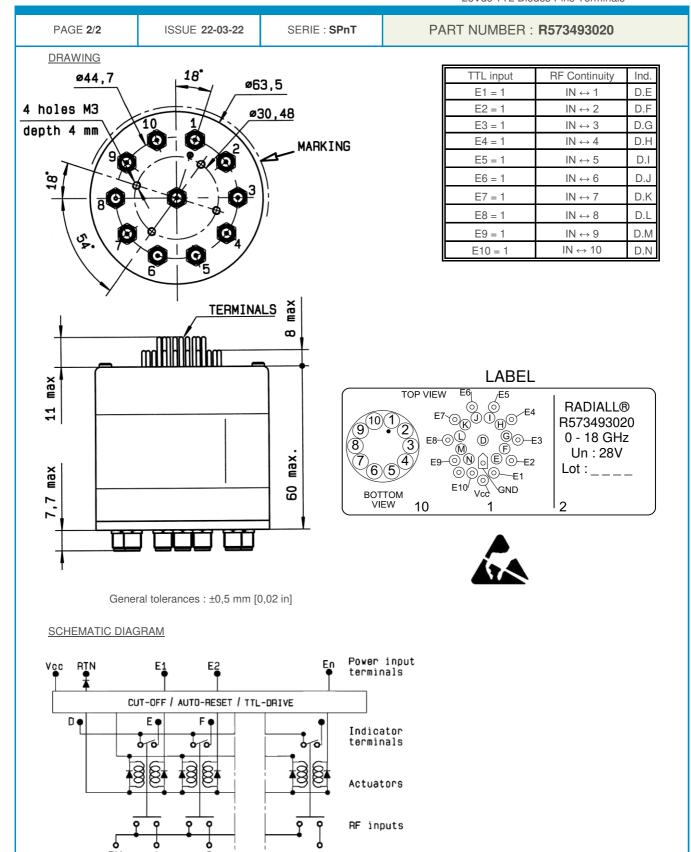
(\*\*\* Nominal voltage; 25° C)







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