



SPDT Terminated Ramses SMA 18GHz Latching Self-cut-off 12Vdc
Positive common Diodes Internal loads Pins terminals

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## **RF CHARACTERISTICS**

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 : LATCHING
Nominal current \*\* : 420 mA

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

Self cut-off time : 40 ms < CT < 120 ms

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2 million cycles

Switching Time\*\*\* : < 10 ms

Construction : Splashproof

Weight : < 100 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%)

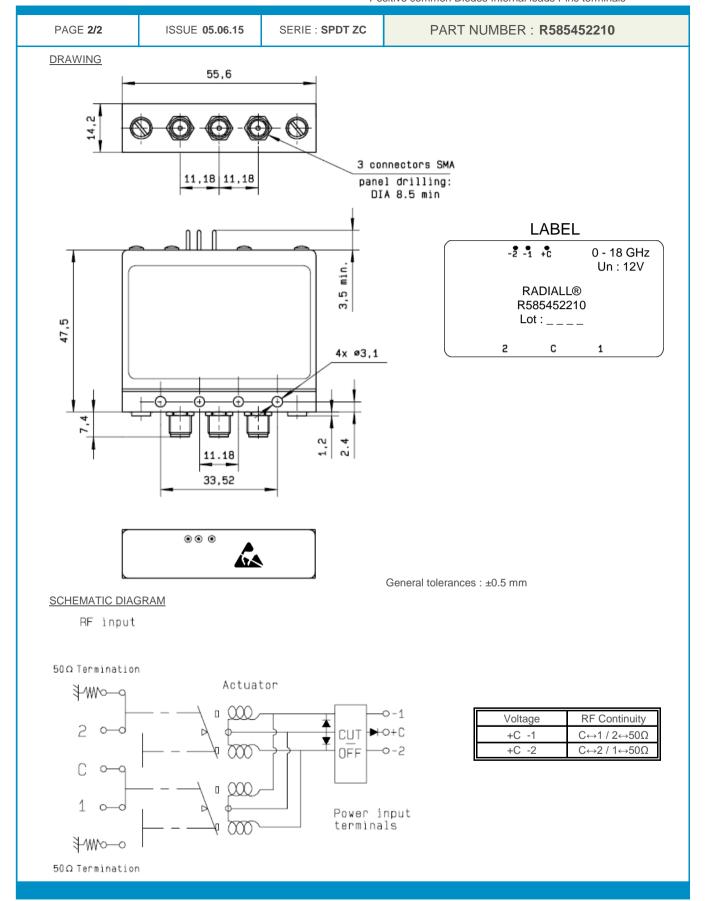
(\*\*\* Nominal voltage; 25° C)







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