## **Technical Data Sheet**



SPDT Ramses SMA 3GHz Latching Self-cut-off 12Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570352000

#### RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.10
Insertion loss max	0.15 dB
Isolation min	80 dB
Average power (*)	240 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 210 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE 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 : 10 million cycles

Switching Time\*\*\* : < 10 msConstruction : Splashproof
Weight : < 45 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)

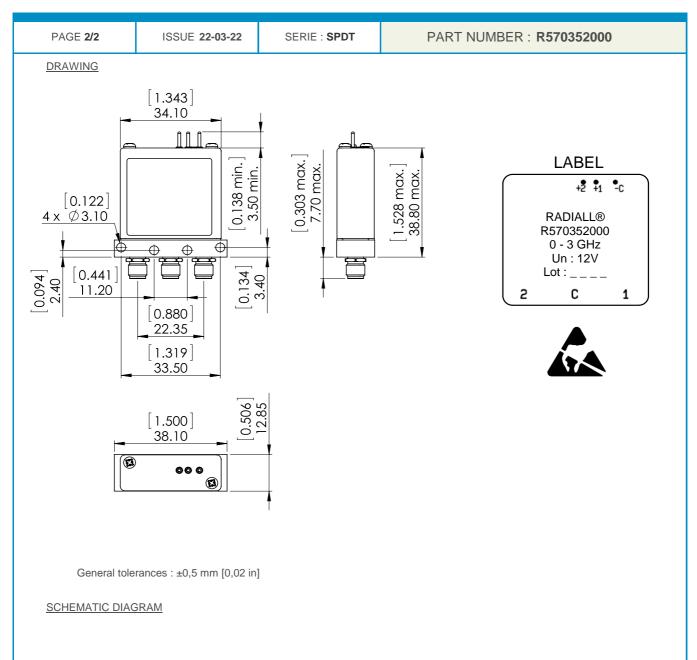


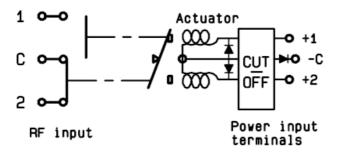
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Voltage	RF Continuity
-C +1	$C \leftrightarrow 1$
-C +2	$C \leftrightarrow 2$