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ISSUE 15-11-21

SERIE : SPDT

PART NUMBER : R571433141

## RF CHARACTERISTICS

Frequency range : 0 - 18 GHz

Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.10	1.20	1.20	1.40
Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB
Isolation min	80 dB	75 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

Cryogenic characteristics are not measured during product acceptance test.  
RF performances are based on customers test reports.

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING

Nominal current \*\* : 40 mA

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

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

## MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 10 million cycles

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

Construction : Splashproof

Weight : < 45 g

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -273°C to +85°C

Storage temperature range : -273°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage ; 25° C)



15/11/2021	P/N Assignment	MB
Issue	Revision	App.

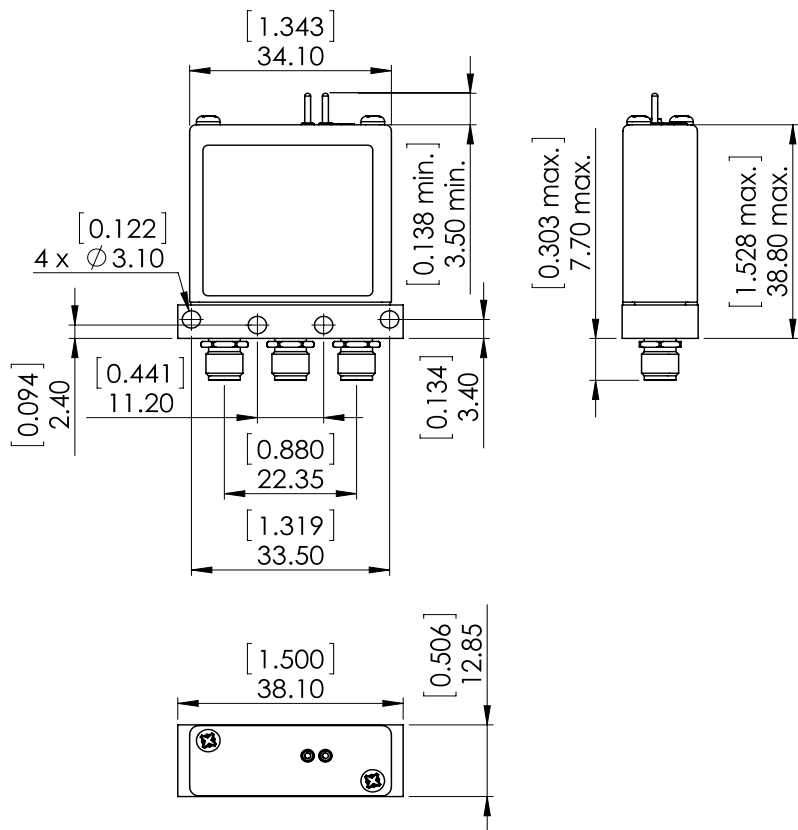
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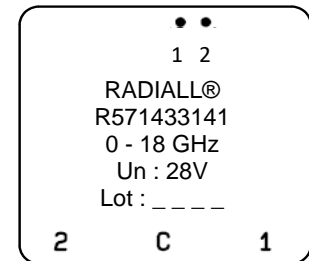
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DRAWING

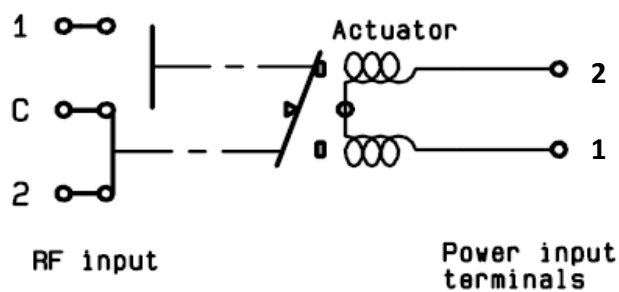


**LABEL**



General tolerances :  $\pm 0,5$  mm [0,02 in]

SCHEMATIC DIAGRAM



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