Technical Data Sheet



SPDT Ramses SMA 3GHz Latching 12Vdc Positive common Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570332010

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) / POSITIVE COMMON 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 : -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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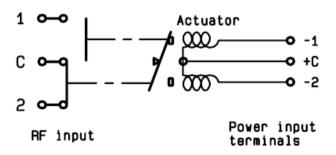
PAGE **2/2** ISSUE **22-03-22** SERIE: SPDT PART NUMBER: **R570332010 DRAWING** [1.343] 34.10 [0.303 max.] 7.70 max. **LABEL** [0.138 min.] 3.50 min. [1.528 max.] 38.80 max. -2 -1 +C [0.122] 4 x ♥ 3.10 **RADIALL®** R570332010 0 - 3 GHz Un: 12V Lot : _ _ _ _ [0.441] $\begin{bmatrix} 0.134 \\ 3.40 \end{bmatrix}$ 11.20 С 2 1 0.880 22.35 1.319 33.50 1.500 38.10

General tolerances: ±0,5 mm [0,02 in]

000 Ø

SCHEMATIC DIAGRAM

3



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

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