Technical Data Sheet



SPDT Terminated Ramses SMA 3GHz Normally open 12Vdc Diodes Internal

loads Pins terminals

PAGE 1/2 ISSUE 09-03-21 SERIE : SPDT ZC PART NUMBER : R585372230

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3
VSWR max	1.20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

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

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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0.44

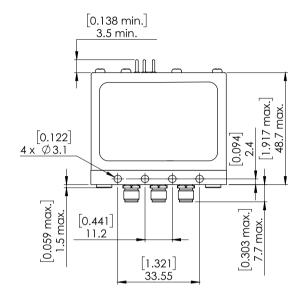
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PAGE 2/2 ISSUE 09-03-21 SERIE : SPDT ZC PART NUMBER : R585372230

DRAWING

[2.189]
55.6



0.44

11.18

LABEL

+2**1 -C 0 - 3 GHz
Un : 12V

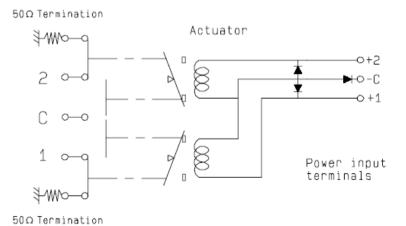
RADIALL®
R585372230
Lot:____
2 C 1



General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM

RF input



Voltage	RF Continuity
-C +1	C↔1 / 2↔50Ω
-C +2	C↔2 / 1↔50Ω
De-energized	$1 \leftrightarrow 50\Omega$ / $2 \leftrightarrow 50\Omega$

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