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ISSUE 05.06.15

SERIE : SPDT ZC

PART NUMBER : R585412200

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 : FAILSAFE

Nominal current ** : 500 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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)



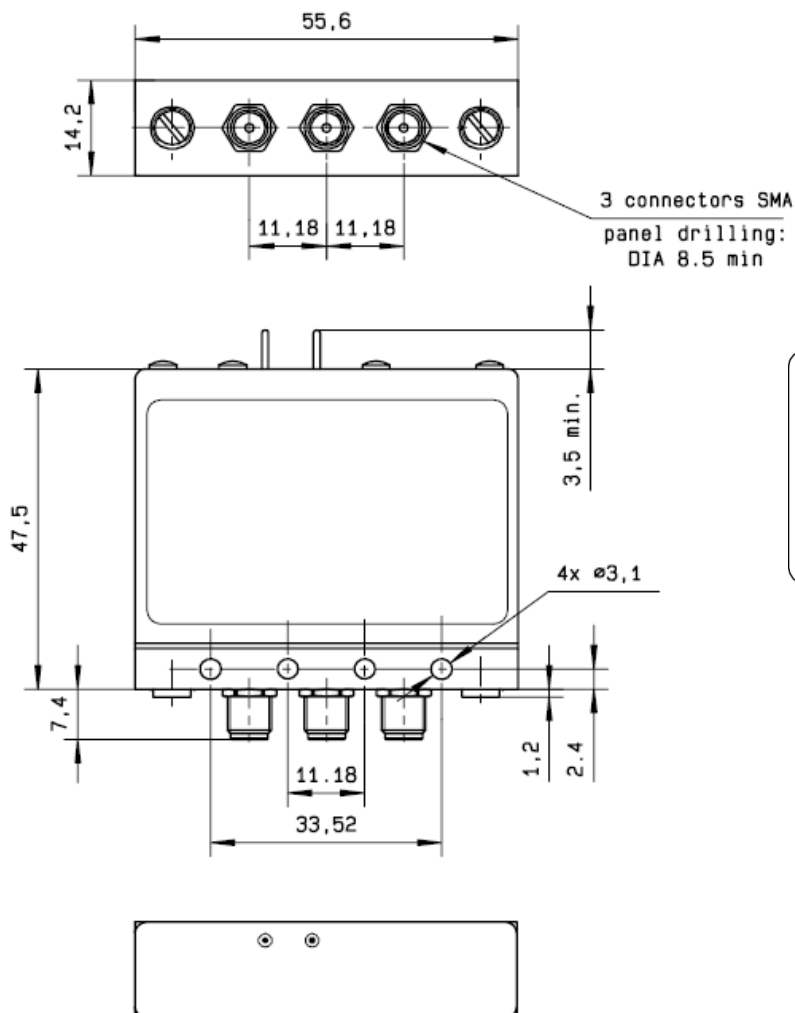
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DRAWING



LABEL

+ - 0 - 18 GHz
Un : 12V

RADIALl®
R585412200
Lot : _ _ _ _

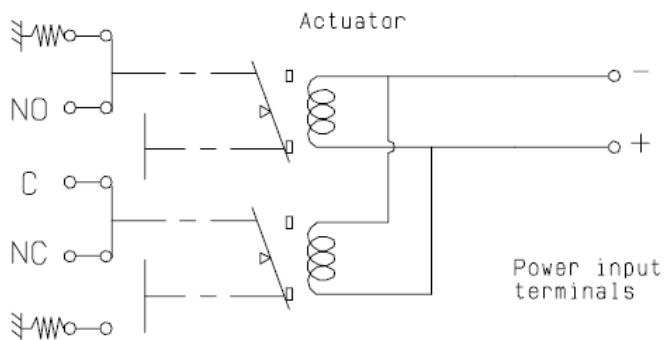
NO C NC

General tolerances : ± 0.5 mm

SCHEMATIC DIAGRAM

RF input

50 Ω Termination



50 Ω Termination

Position : de-energized

Position	RF Continuity
De-energized	C \leftrightarrow NC / NO \leftrightarrow 50 Ω
energized	C \leftrightarrow NO / NC \leftrightarrow 50 Ω