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ISSUE 05.06.15

SERIE : SPDT ZC

PART NUMBER : R585423300

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 ** : 205 mA

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

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

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

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)



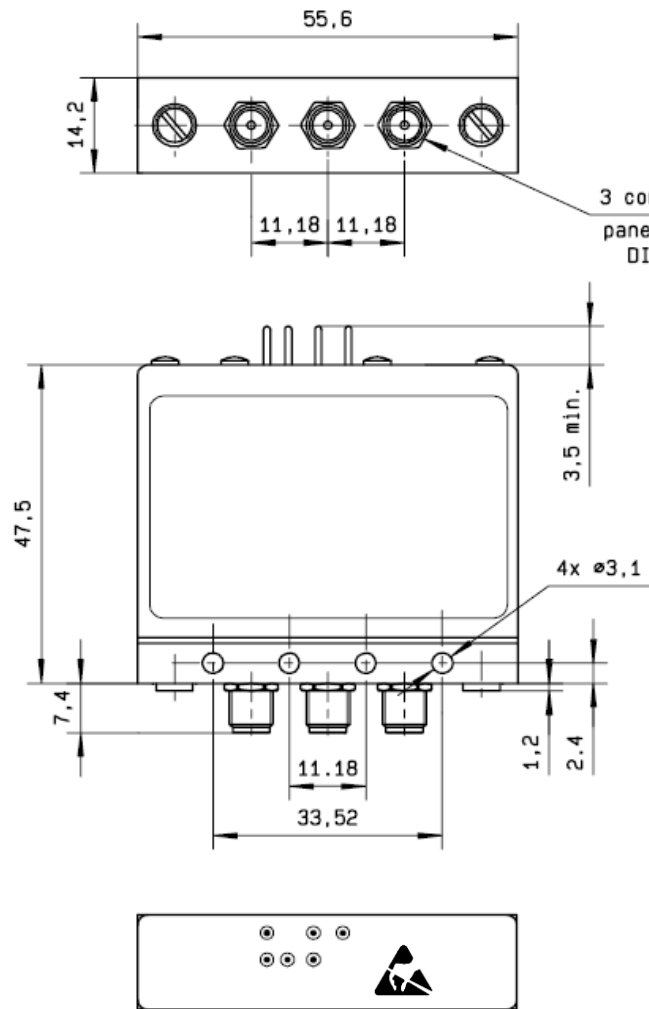
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DRAWING



LABEL

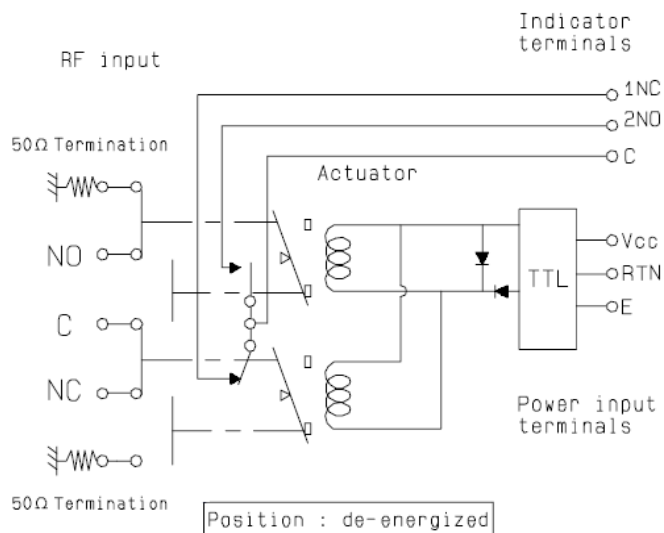
E GND V_{CC} 0 - 18 GHz
2NO 1NC C Un : 28V

RADIALL®
R585423300
Lot : _ _ _ _

NO C NC

General tolerances : ± 0.5 mm

SCHEMATIC DIAGRAM



TTL input	RF Continuity	Indicator
E = 0	C $\leftrightarrow$ NC / NO $\leftrightarrow$ 50 Ω	C.1NC
E = 1	C $\leftrightarrow$ NO / NC $\leftrightarrow$ 50 Ω	C.2NO