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ISSUE **09-03-21**

SERIE : **SPDT ZC**

PART NUMBER : **R585482500**

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 : **NORMALLY OPEN**

Nominal current ** : **250 mA**

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

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)



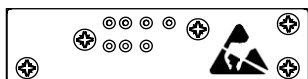
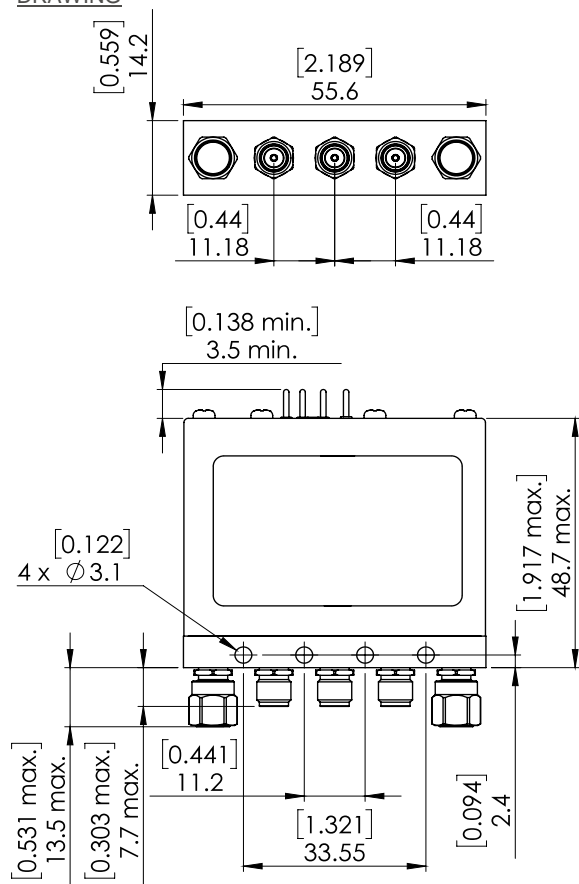
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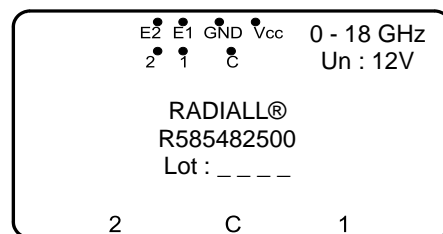
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DRAWING

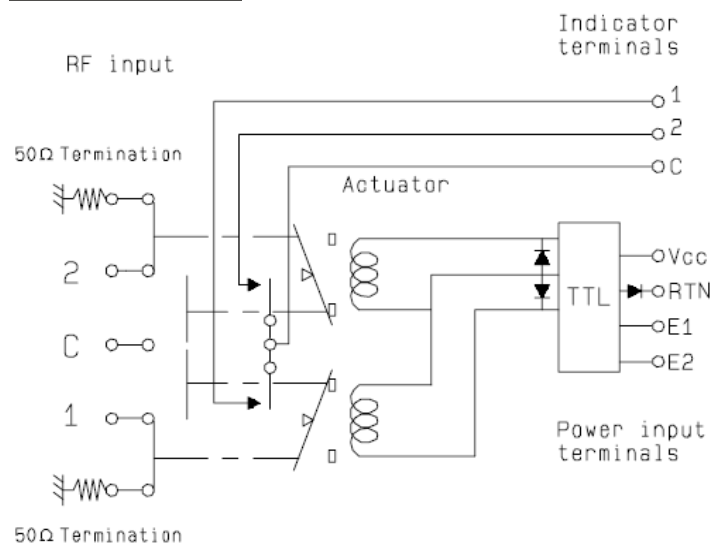


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



TTL input	RF Continuity	Ind.
E1=1 / E2=0	C ↔ 1 / 2 ↔ 50Ω	C . 1
E1=0 / E2=1	C ↔ 2 / 1 ↔ 50Ω	C . 2
E1=0 / E2=0	1 ↔ 50Ω / 2 ↔ 50Ω	-
E1=1 / E2=1	Forbidden	-