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ISSUE 09-03-21

SERIE : BYPASS

PART NUMBER : R585343700

## 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 : LATCHING  
Nominal current \*\* : 160 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 : 10 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)



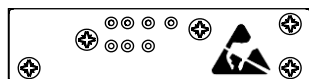
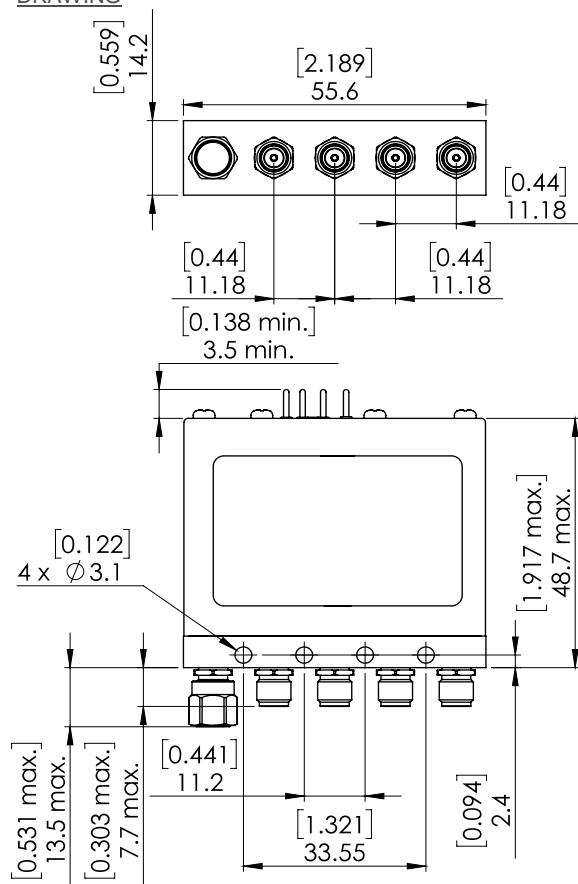
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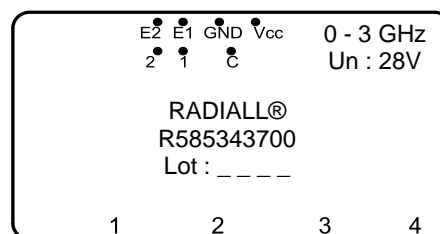
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DRAWING

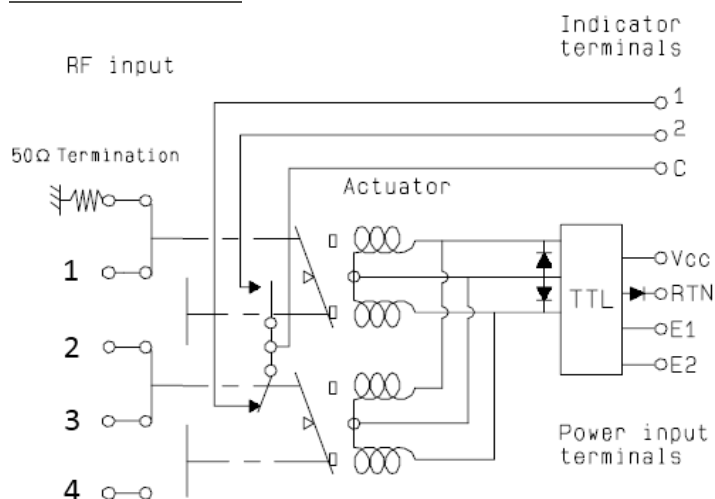


General tolerances :  $\pm 0,5$  mm [0,02 in]

**LABEL**



SCHEMATIC DIAGRAM



TTL input	RF Continuity	Ind.
E1=1 / E2=0	50Ω ↔ 1 / 2 ↔ 3	C . 1
E1=0 / E2=1	1 ↔ 2 / 3 ↔ 4	C . 2
E1=0 / E2=0	Memory	-
E1=1 / E2=1	Forbidden	-