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ISSUE 10-07-19

SERIE : BYPASS

PART NUMBER : R585J73700

RF CHARACTERISTICS

Frequency range : 0 - 50 GHz

Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50
VSWR max	1.30	1.40	1.50	1.70	1.90	1.90
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 102 mA

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

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

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 : 2.4mm female (According to IEEE STD 287)

Life : 2 million cycles

Switching Time*** : < 10 ms

Construction : Splashproof

Weight : < 100 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C

Storage temperature range : -40°C to +85°C

(*) Average power at 25°C per RF Path)

(**) At 25° C ±10%)

(***) Nominal voltage ; 25° C)



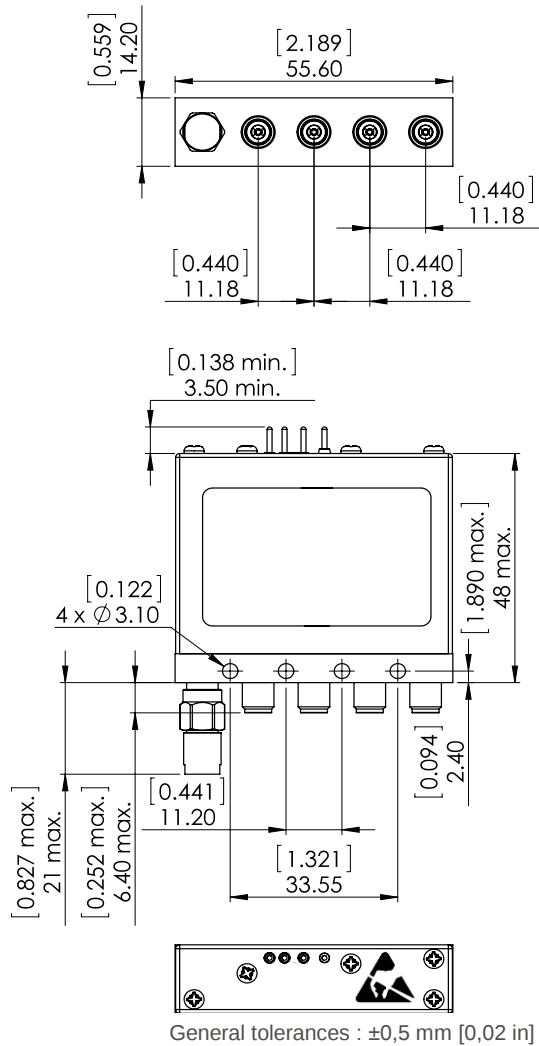
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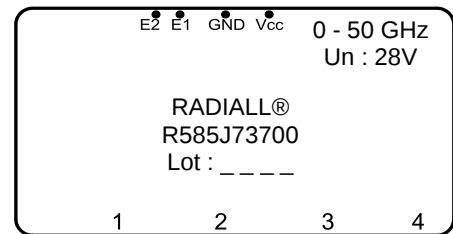
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DRAWING

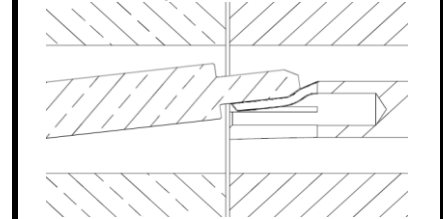


LABEL



WARNING

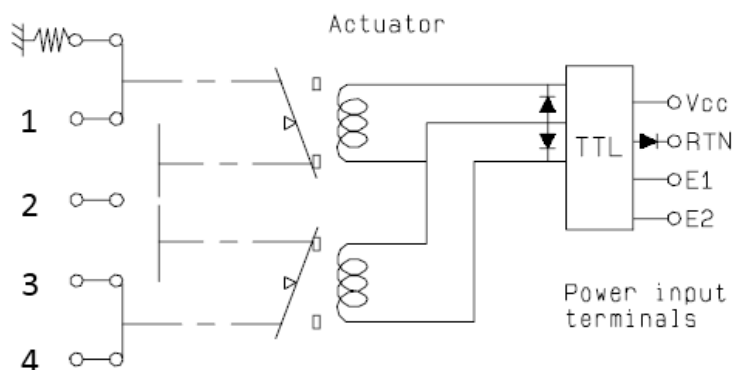
Sensitive connector : To avoid irreversible damage during any connexions, ensure that the center contact is aligned with the female socket



SCHEMATIC DIAGRAM

RF input

50Ω Termination



TTL input	RF Continuity
E1=1 / E2=0	50Ω↔1 / 2↔3
E1=0 / E2=1	1↔2 / 3↔4
E1=0 / E2=0	50Ω↔1 / 3↔4
E1=1 / E2=1	Forbidden