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ISSUE 09-03-21

SERIE : BYPASS

PART NUMBER : R585F63700

## RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz

Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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

Self cut-off time : 40 ms &lt; CT &lt; 120 ms

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\*\*\* : &lt; 10 ms

Construction : Splashproof

Weight : &lt; 100 g

## ENVIRONMENTAL CHARACTERISTICS

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

Storage temperature range : -55°C to +85°C

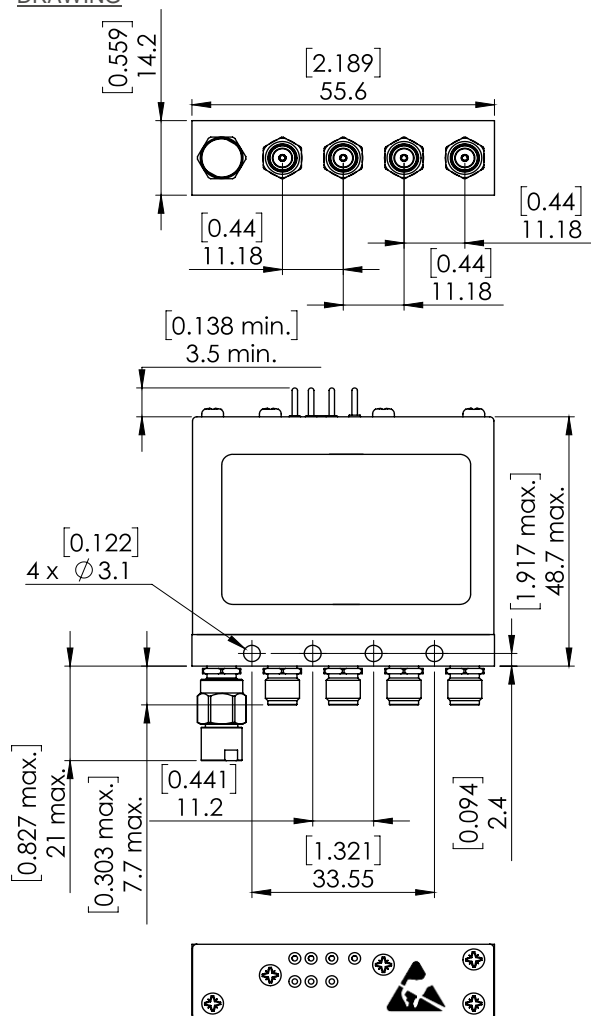
(\*) Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\*) Nominal voltage ; 25° C)

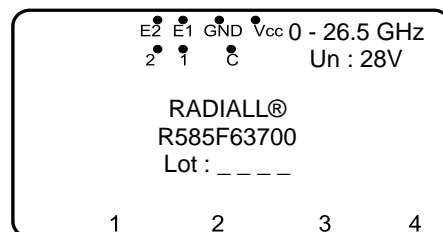


### DRAWING

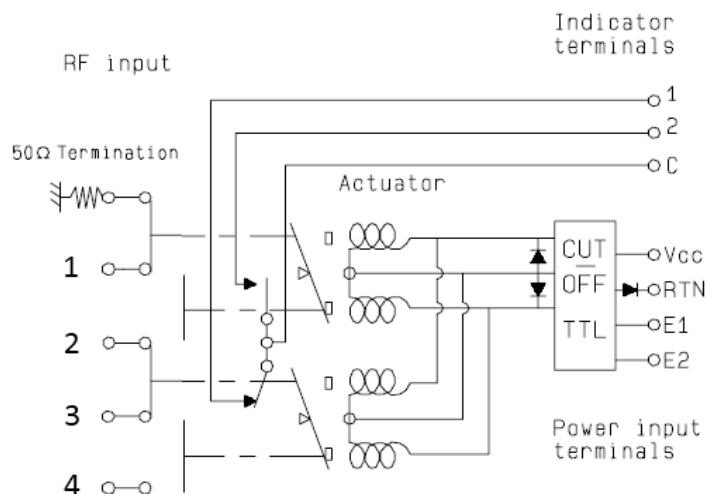


General tolerances :  $\pm 0,5$  mm [0,02 in]

**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	-