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ISSUE 09-03-21

SERIE : BYPASS

PART NUMBER : R585463600

## 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 : LATCHING

Nominal current \*\* : 160 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

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

## 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

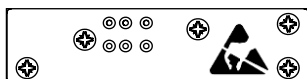
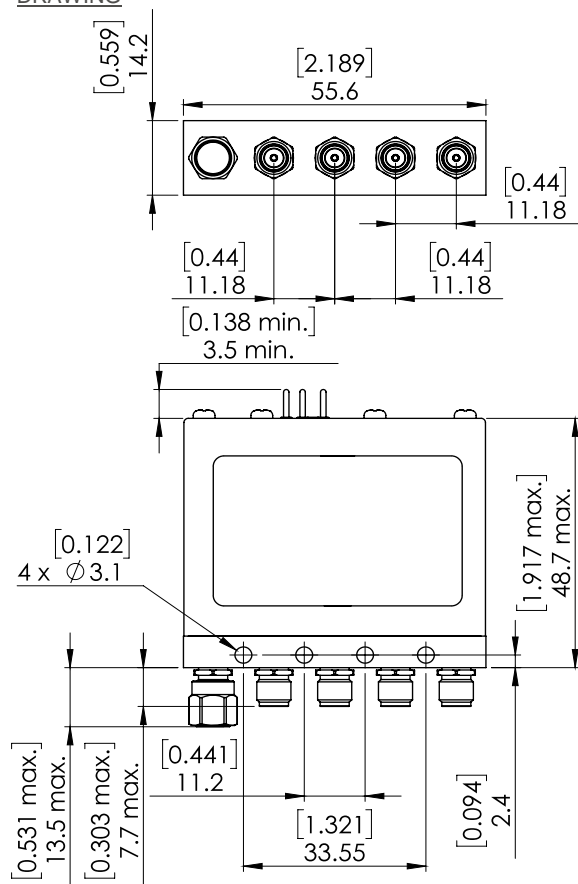
(\*) Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\*) Nominal voltage ; 25° C)

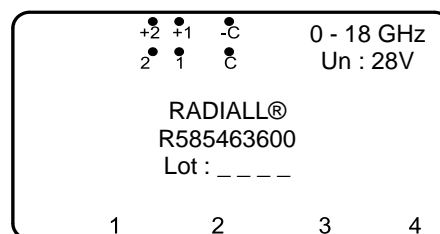


DRAWING

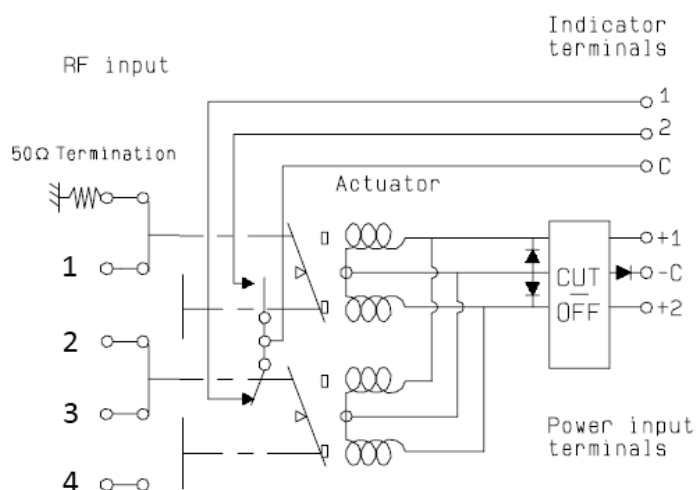


General tolerances :  $\pm 0,5$  mm [0,02 in]

**LABEL**



### SCHEMATIC DIAGRAM



Voltage	RF Continuity	Ind.
-C +1	50Ω ↔ 1 / 2 ↔ 3	C . 1
-C +2	1 ↔ 2 / 3 ↔ 4	C . 2