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ISSUE 09-03-21

SERIE : BYPASS

PART NUMBER : R585J43610

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 : LATCHING
Nominal current ** : 160 mA
Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)
Indicator rating : 1 W / 30 V / 100 mA

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

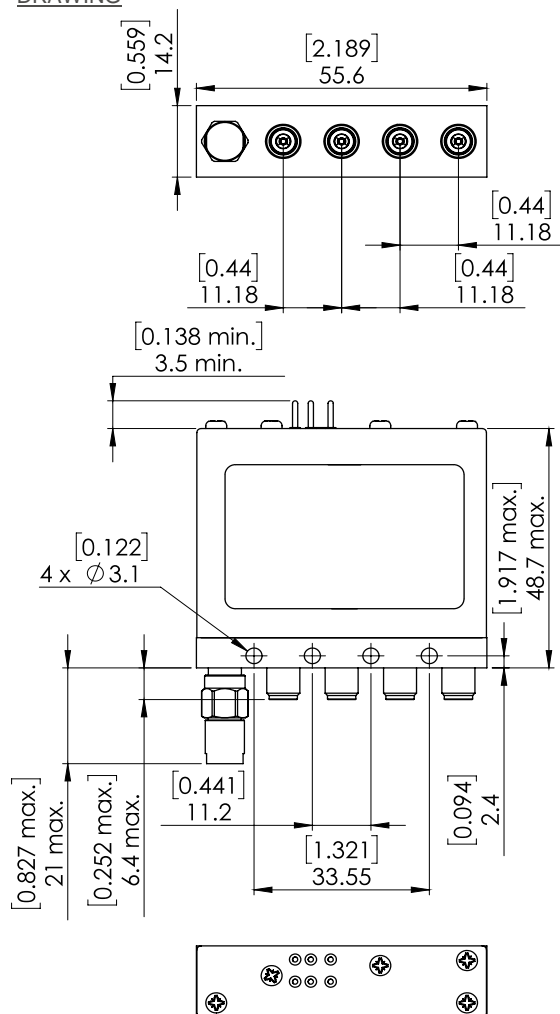
(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)

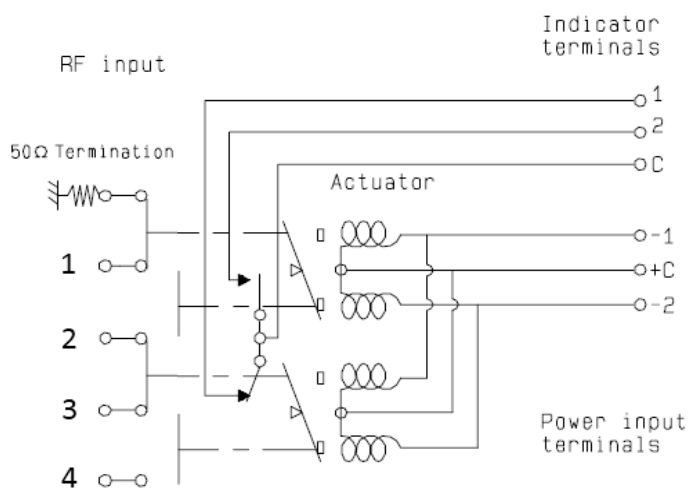


DRAWING

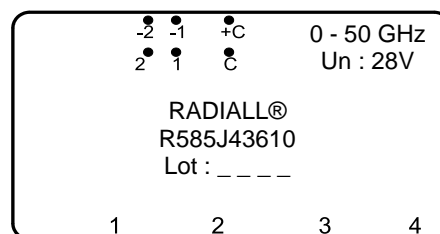


General tolerances : $\pm 0,5$ mm [0,02 in]

SCHEMATIC DIAGRAM

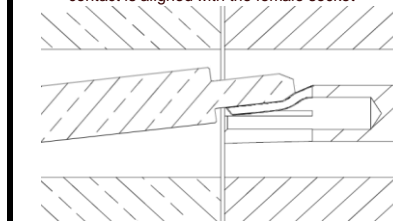


LABEL



WARNING

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



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