Technical Data Sheet

SPDT Terminated Ramses 2.4mm 50GHz Normally open 28Vdc Positive common External loads Pins terminals

PAGE **1/2**	ISSUE **09-03-21**	SERIE : **SPDT ZC**	PART NUMBER : **R585J73410**

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

MECHANICAL CHARACTERISTICS

Connectors : **2.4mm female (Accoding to IEEE STD 287)**
Life : **2 million cycles**
Switching Time*** : **< 10 ms**
Construction : **Splashproof**
Weight : **< 100 g**

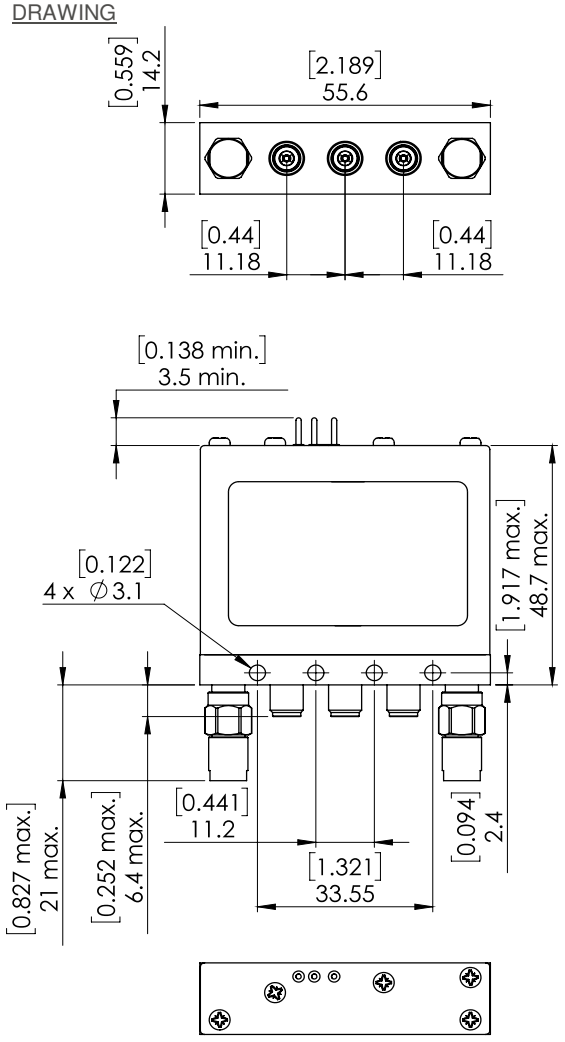
ENVIRONMENTAL CHARACTERISTICS

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)

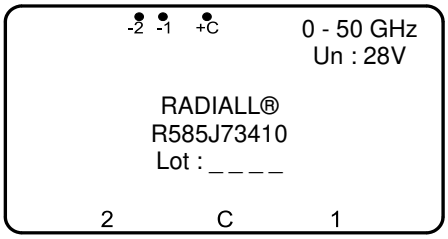
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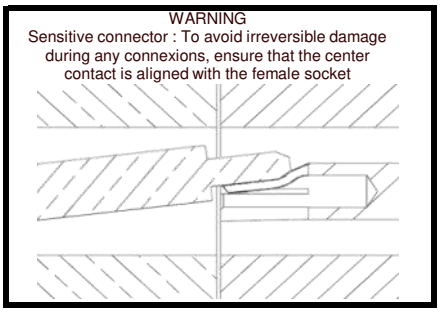
DRAWING



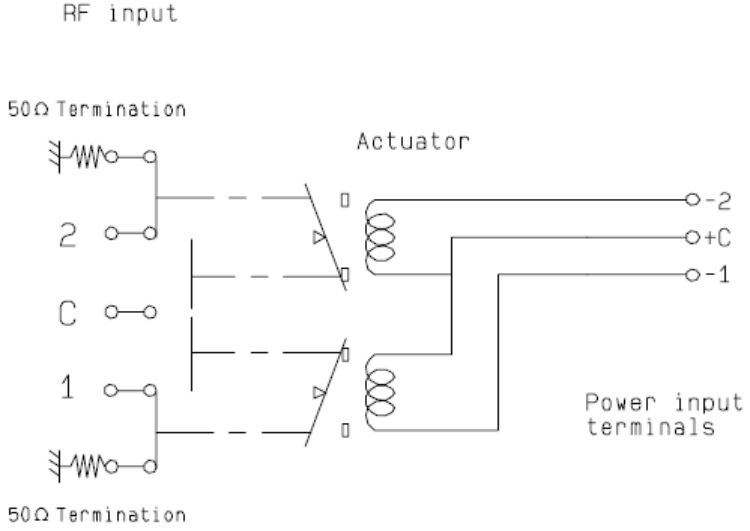
General tolerances : ±0,5 mm [0,02 in]

LABEL





SCHEMATIC DIAGRAM



Voltage	RF Continuity
+C -1	C↔1 / 2↔50Ω
+C -2	C↔2 / 1↔50Ω
De-energized	1↔50Ω / 2↔50Ω

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