

PAGE 1/2

ISSUE 12-09-22

SERIE : SPDT

PART NUMBER : R570J53010

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 ** : 80 mA
Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)
Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : 2.4mm female (Accoding to IEEE STD 287)
Life : 2 million cycles
Switching Time*** : < 10 ms
Construction : Splashproof
Weight : < 45 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)



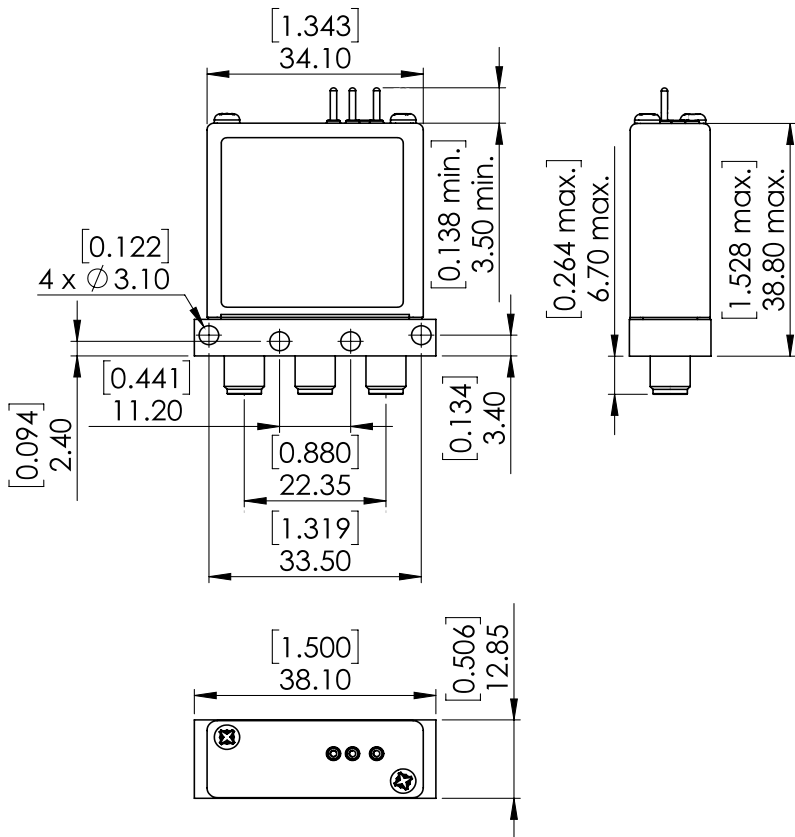
PAGE 2/2

ISSUE 12-09-22

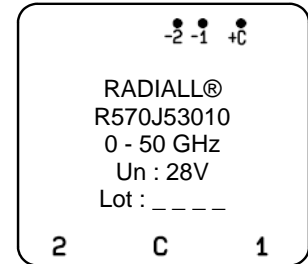
SERIE : SPDT

PART NUMBER : R570J53010

DRAWING

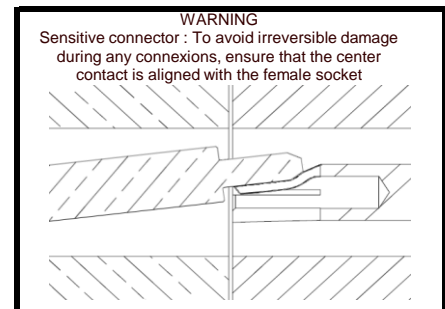
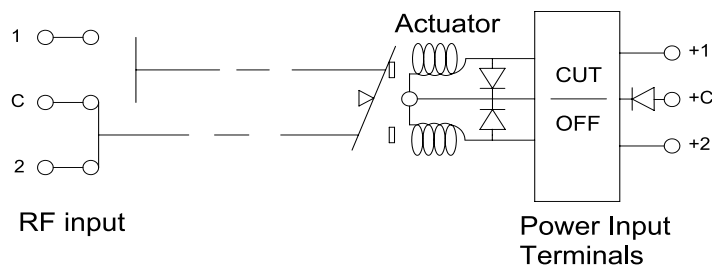


LABEL



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

SCHEMATIC DIAGRAM



Voltage	RF Continuity
+C -1	C ↔ 1
+C -2	C ↔ 2