PAGE **1/2**	ISSUE **22-03-22**	SERIE : **DPDT**	PART NUMBER : **R577853010**

RF CHARACTERISTICS

Frequency range : **0 - 40 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	1.90
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **125 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 : **SMA 2.9 female per MIL-C 39012**
Life : **2.5 million cycles**
Switching Time*** : **< 15 ms**
Construction : **Splashproof**
Weight : **< 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)
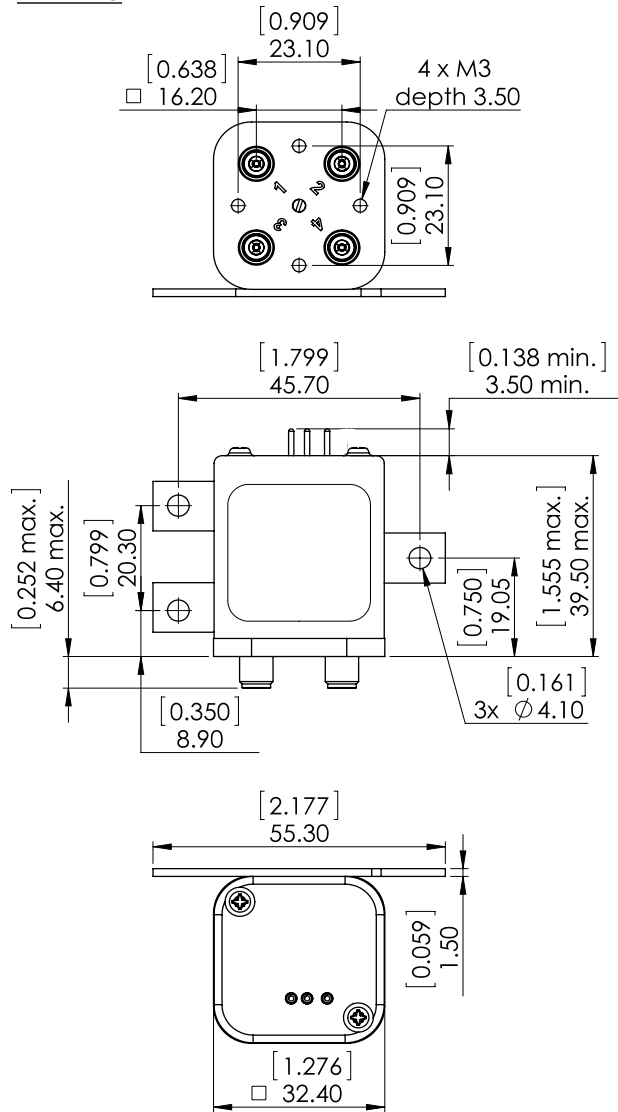(**   At 25° C ±10%)
(*** Nominal voltage ; 25° C)

DRAWING

4 x M3
depth 3.50

[0.909]
23.10

[0.638]
□ 16.20

[0.909]
23.10

[1.799]
45.70

[0.138 min.]
3.50 min.

[0.252 max.]
6.40 max.

[0.799]
20.30

[1.555 max.]
39.50 max.

[0.750]
19.05

[0.350]
8.90

[0.161]
3x ⌀ 4.10

[2.177]
55.30

[0.059]
1.50

[1.276]
□ 32.40

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

LABEL

-1 -2 +C

RADIALL®
R577853010
0 - 40 GHz
Un : 28V
Lot : _ _ _ _
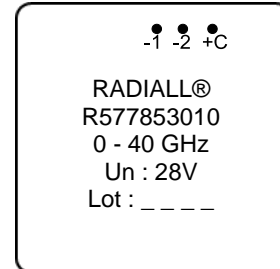
SCHEMATIC DIAGRAM
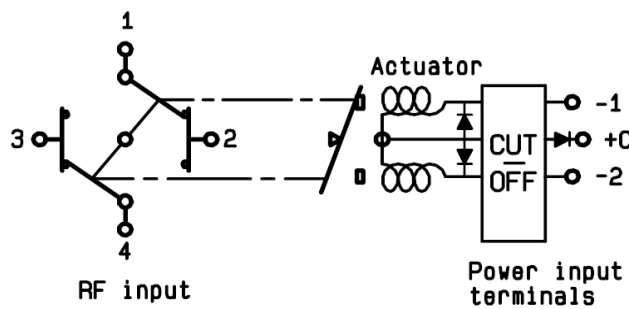
Voltage	RF Continuity
+C -1	1 ↔ 3 / 2 ↔ 4
+C -2	1 ↔ 2 / 3 ↔ 4