PAGE **1/2**	ISSUE **10-07-19**	SERIE : **DPDT**	PART NUMBER : **R577J13032**

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	2.00
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 : **FAILSAFE**

Nominal current ** : **140 mA**

Actuator voltage (Vcc) : **28V (24 to 30V)**

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*** : **< 15 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)
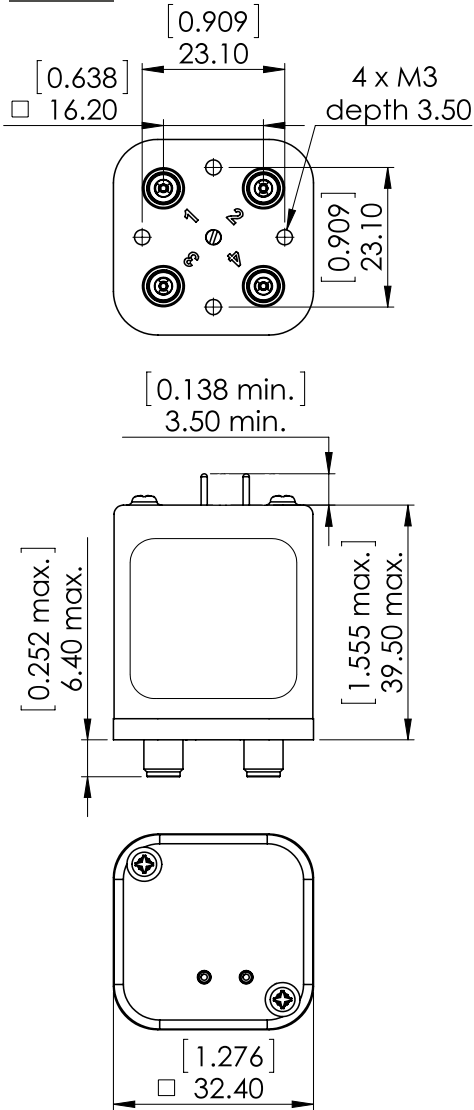
(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)

DRAWING

[0.909]
23.10

[0.638]
□ 16.20

4 x M3
depth 3.50

[0.909]
23.10

[0.138 min.]
3.50 min.

[0.252 max.]
6.40 max.

[1.555 max.]
39.50 max.

[1.276]
□ 32.40

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

LABEL

+   −

RADIALL®
R577J13032
0 - 50 GHz
Un : 28V
Lot : _ _ _ _

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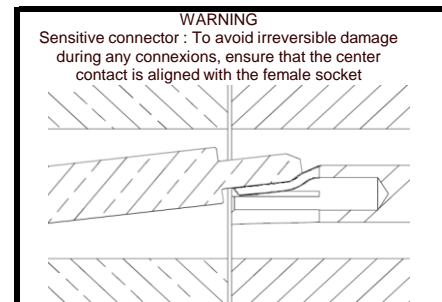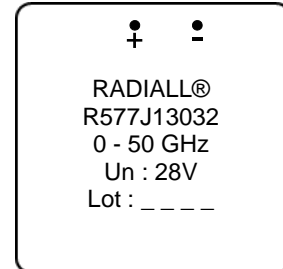
SCHEMATIC DIAGRAM

Position : De energized

1

3   2

4

RF input

Actuator

Power input
terminals

−

+
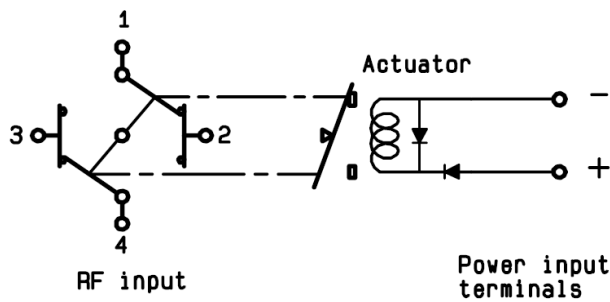
Voltage	RF Continuity
energized	1 ↔ 3 / 2 ↔ 4
De-energized	1 ↔ 2 / 3 ↔ 4