

PAGE 1/2

ISSUE 11.04.14

SERIE : DPDT

PART NUMBER : R577412000

RF CHARACTERISTICS

Frequency range : 0 - 18 GHz
Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 340 mA
Actuator voltage (Vcc) : 12V (10.2 to 13V)
Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA 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)



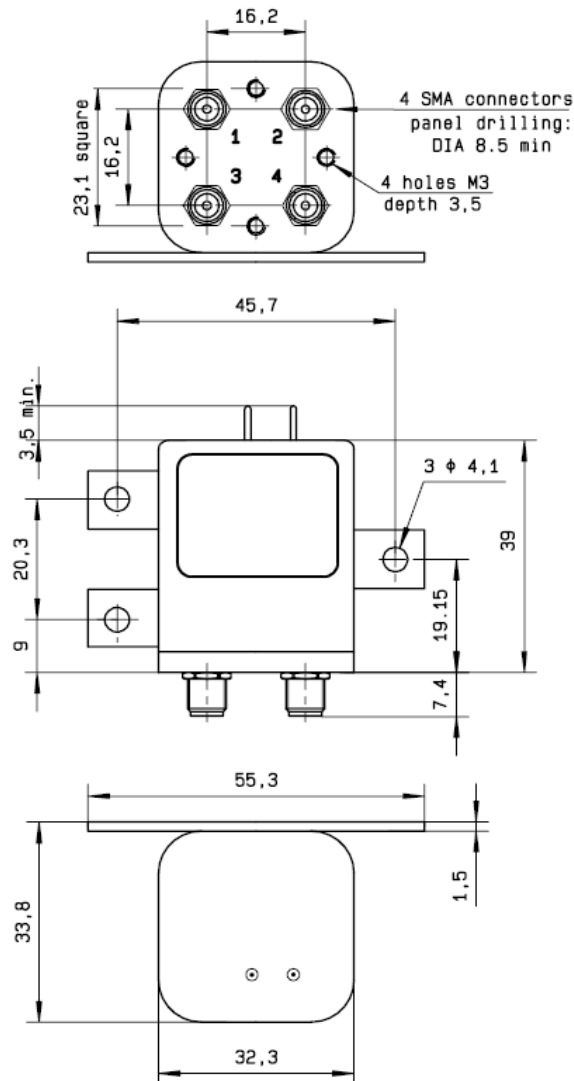
PAGE 2/2

ISSUE 11.04.14

SERIE : DPDT

PART NUMBER : R577412000

DRAWING



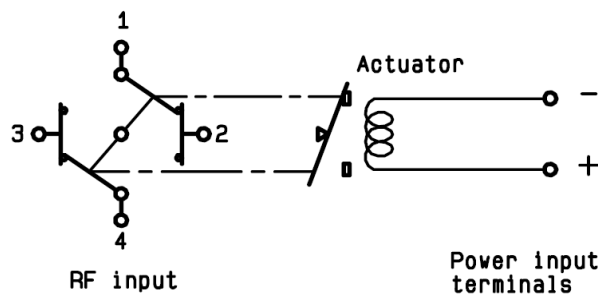
LABEL

RADIALL®
R577412000
0 - 18 GHz
Un : 12V
Lot : _ _ _ _

General tolerances : ± 0.5 mm

SCHEMATIC DIAGRAM

Position : De energized



Voltage	RF Continuity
energized	1 \leftrightarrow 3 / 2 \leftrightarrow 4
De-energized	1 \leftrightarrow 2 / 3 \leftrightarrow 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

R577412000