

PAGE 1/2

ISSUE 10-07-19

SERIE : DPDT

PART NUMBER : R577J52105

## 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 : LATCHING

Nominal current \*\* : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 9 pins D-SUB male connector

Self cut-off time : 40 ms &lt; CT &lt; 120 ms

TTL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

Connectors : 2.4mm female (Accoding to IEEE STD 287)

Life : 2 million cycles

Switching Time\*\*\* : &lt; 15 ms

Construction : Splashproof

Weight : &lt; 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)



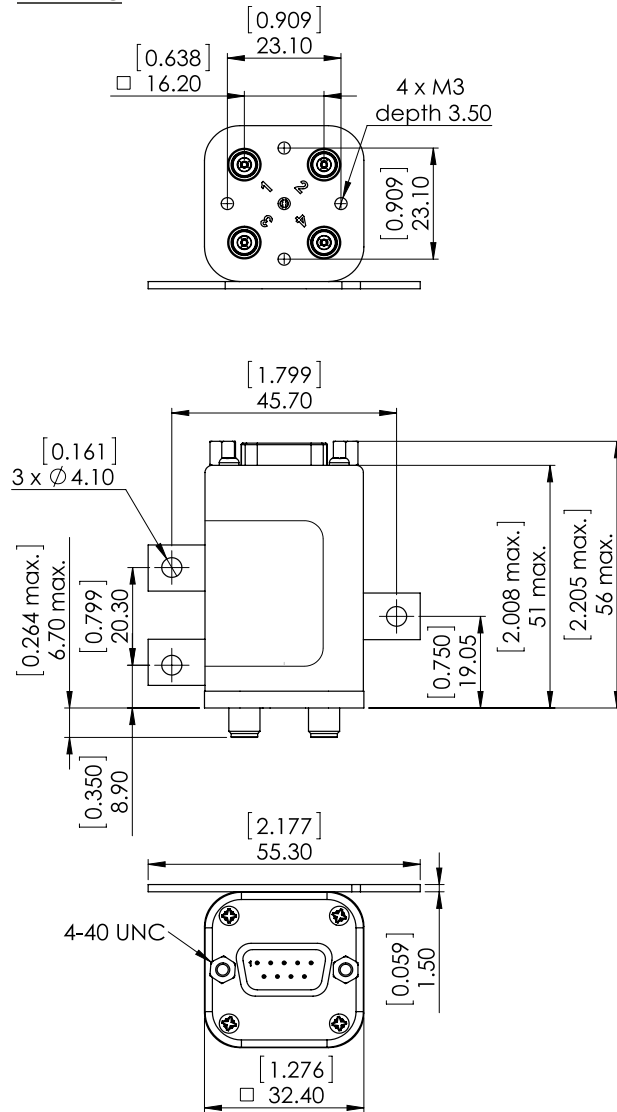
PAGE 2/2

ISSUE 10-07-19

SERIE : DPDT

PART NUMBER : R577J52105

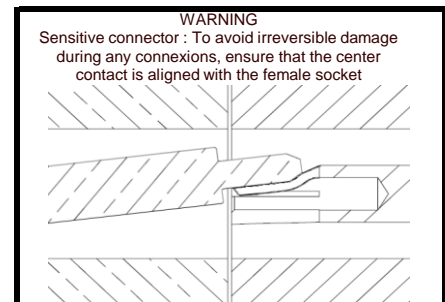
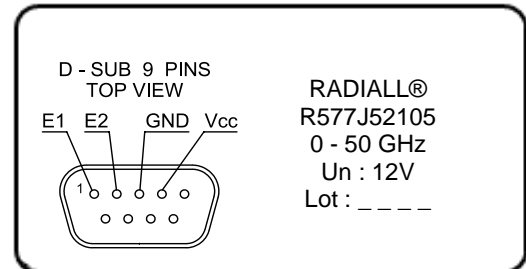
DRAWING



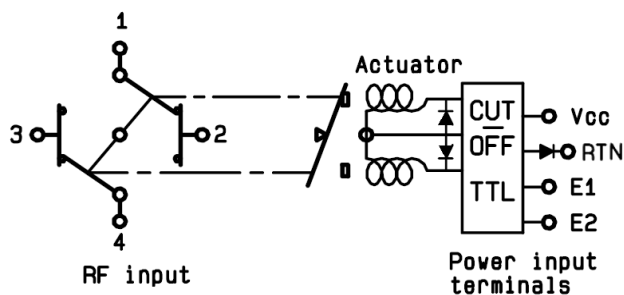
General tolerances :  $\pm 0,5$  mm [0,02 in]



**LABEL**



SCHEMATIC DIAGRAM



TTL input	RF Continuity
E1=1 / E2=0	1 ↔ 3 / 2 ↔ 4
E1=0 / E2=1	1 ↔ 2 / 3 ↔ 4
E1=0 / E2=0	Memory
E1=1 / E2=1	Forbidden

# Mouser Electronics

Authorized Distributor

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

Radial:

[R577J52105](#)