

PAGE 1/2

ISSUE 06-02-18

SERIE : DPDT

PART NUMBER : R577343107

RF CHARACTERISTICS

Frequency range : **0 - 3 GHz**
 Impedance : **50 Ohms**

| | |
|--------------------|----------------|
| Frequency (GHz) | DC - 3 |
| VSWR max | 1.20 |
| Insertion loss max | 0.20 dB |
| Isolation min | 80 dB |
| Average power (*) | 240 W |

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **125 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 Terminals : **9 pins D-SUB male connector**
 Indicator rating : **1 W / 30 V / 100 mA**
 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 : **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)



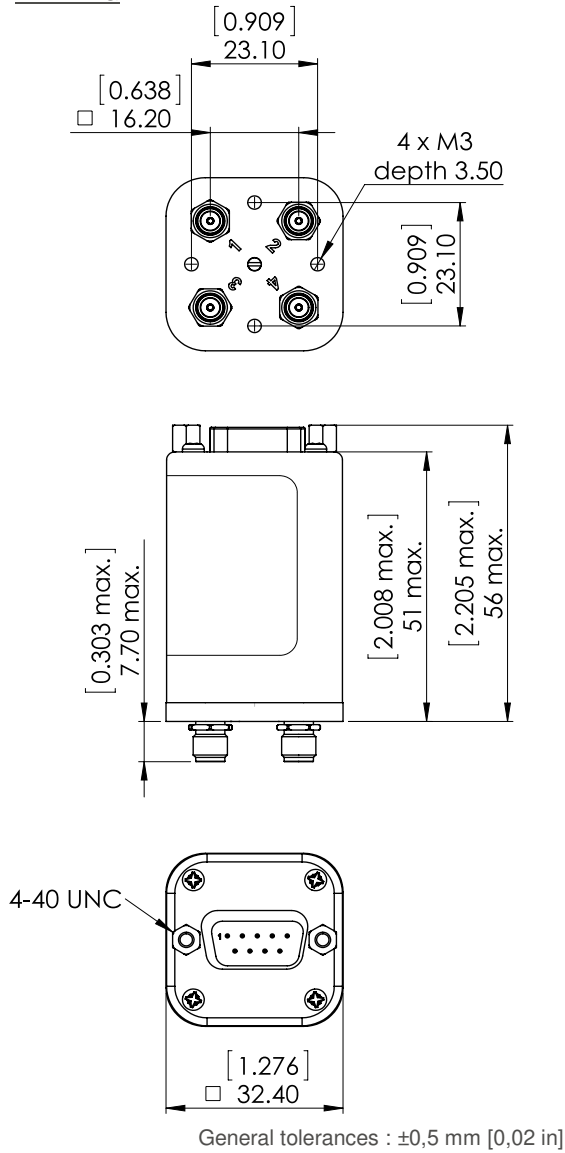
PAGE 2/2

ISSUE 06-02-18

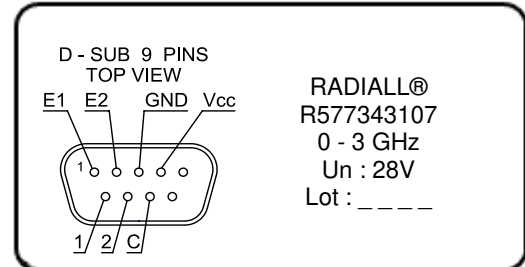
SERIE : DPDT

PART NUMBER : R577343107

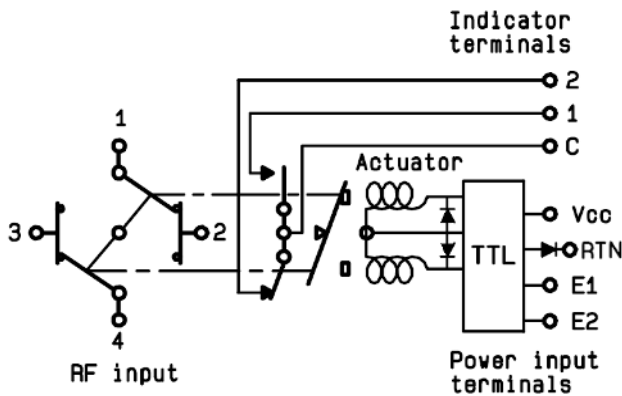
DRAWING



LABEL



SCHEMATIC DIAGRAM



| TTL input | RF Continuity | Ind. |
|-------------|---------------|------|
| E1=1 / E2=0 | 1 ↔ 3 / 2 ↔ 4 | C.1 |
| E1=0 / E2=1 | 1 ↔ 2 / 3 ↔ 4 | C.2 |
| E1=0 / E2=0 | Memory | - |
| E1=1 / E2=1 | Forbidden | - |