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ISSUE 16-04-20

SERIE : DPDT

PART NUMBER : R577J52005

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) / NEGATIVE COMMON**
 Terminals : **9 pins D-SUB male connector**
 Self cut-off time : **40 ms < CT < 120 ms**

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)



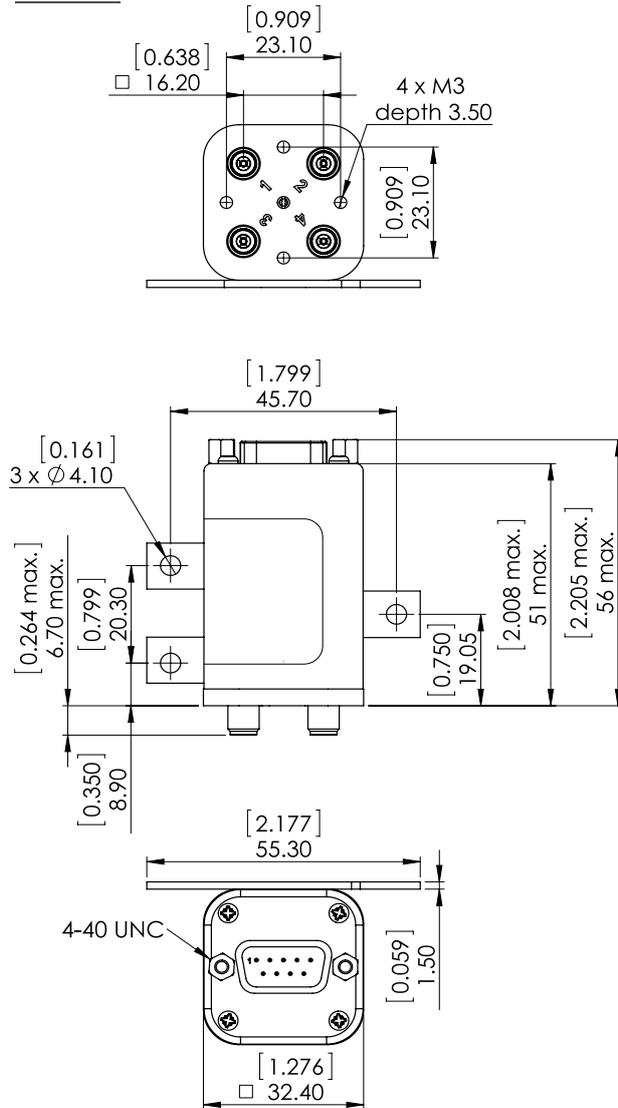
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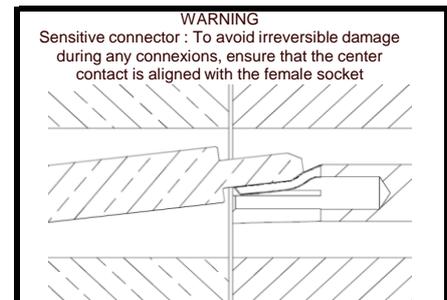
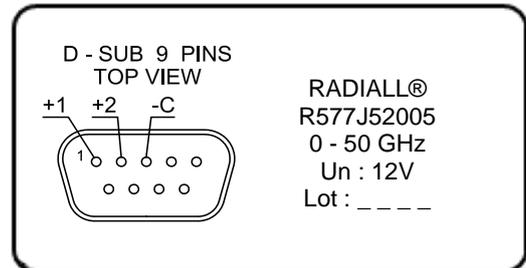
DRAWING



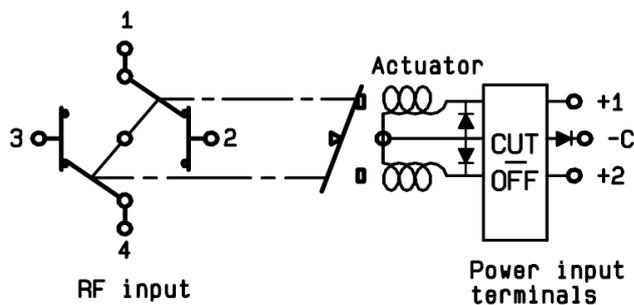
General tolerances : ±0,5 mm [0,02 in]



LABEL



SCHEMATIC DIAGRAM



| Voltage | RF Continuity |
|---------|---------------|
| -C +1 | 1 ↔ 3 / 2 ↔ 4 |
| -C +2 | 1 ↔ 2 / 3 ↔ 4 |