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ISSUE **09-04-19**

SERIE : **DPDT**

PART NUMBER : **R577E12105**

RF CHARACTERISTICS

Frequency range : **0 - 6 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 6
VSWR max	1.20	1.30
Insertion loss max	0.20 dB	0.30 dB
Isolation min	80 dB	70 dB
Average power (*)	240 W	170 W

ELECTRICAL CHARACTERISTICS

Actuator : **FAILSAFE**
Nominal current ** : **340 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V)**
Terminals : **9 pins D-SUB male connector**
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 : **QMA 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)



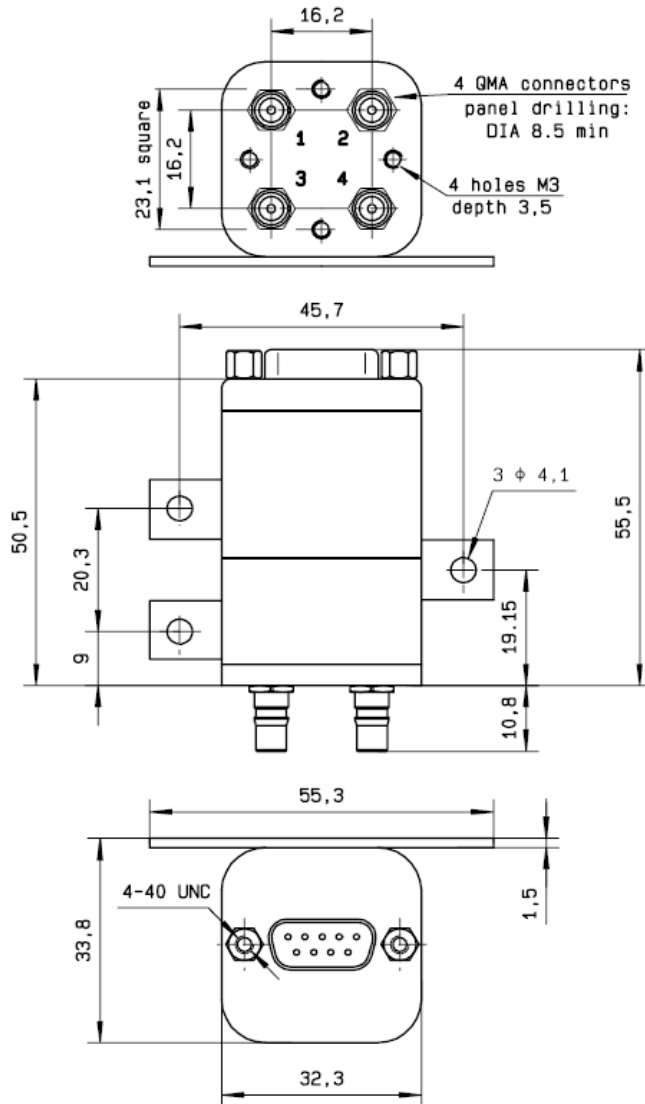
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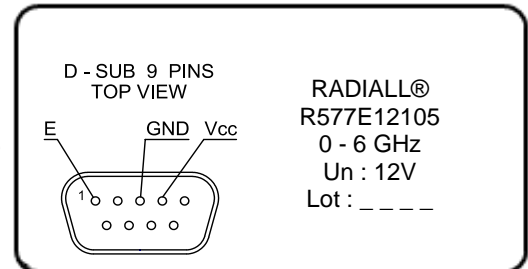
DRAWING



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

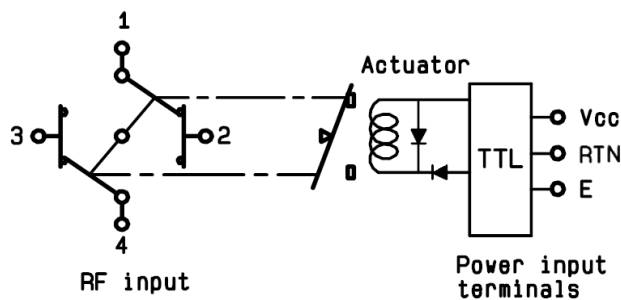


LABEL



SCHEMATIC DIAGRAM

Position : De energized



TTL input	RF Continuity
E = 1	1 ↔ 3 / 2 ↔ 4
E = 0	1 ↔ 2 / 3 ↔ 4