

4112-9212 This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary



**3 GHz    N    LATCHING    TRANSFER    SWITCH**

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OPTIONS: /SUPP.DIODES

**R F CHARACTERISTICS**

FREQUENCY RANGE : 0 - 3 GHz  
IMPEDANCE : 50 Ohms

| FREQUENCY (GHz) | 0 - 1   | 1 - 2   | 2 - 3   |
|-----------------|---------|---------|---------|
| V.S.W.R <=      | 1.15    | 1.20    | 1.25    |
| INSERT. LOSS <= | 0.15 dB | 0.20 dB | 0.25 dB |
| ISOLATION >=    | 85 dB   | 80 dB   | 75 dB   |
| AVER. POWER (*) | 700 W   | 500 W   | 400 W   |

**ELECTRICAL CHARACTERISTICS**

ACTUATOR : LATCHING  
NOMINAL CURRENT AT 25° C (±10%) : 125 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) /POSITIVE COMMON  
TERMINALS : D-sub 9 pins

**MECHANICAL CHARACTERISTICS**

CONNECTORS : N female per MIL C 39012  
LIFE : 2.500.000 cycles  
SWITCHING TIME (nominal voltage;25° C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 215 g

**ENVIRONMENTAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE (°C) : -40 , +85  
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

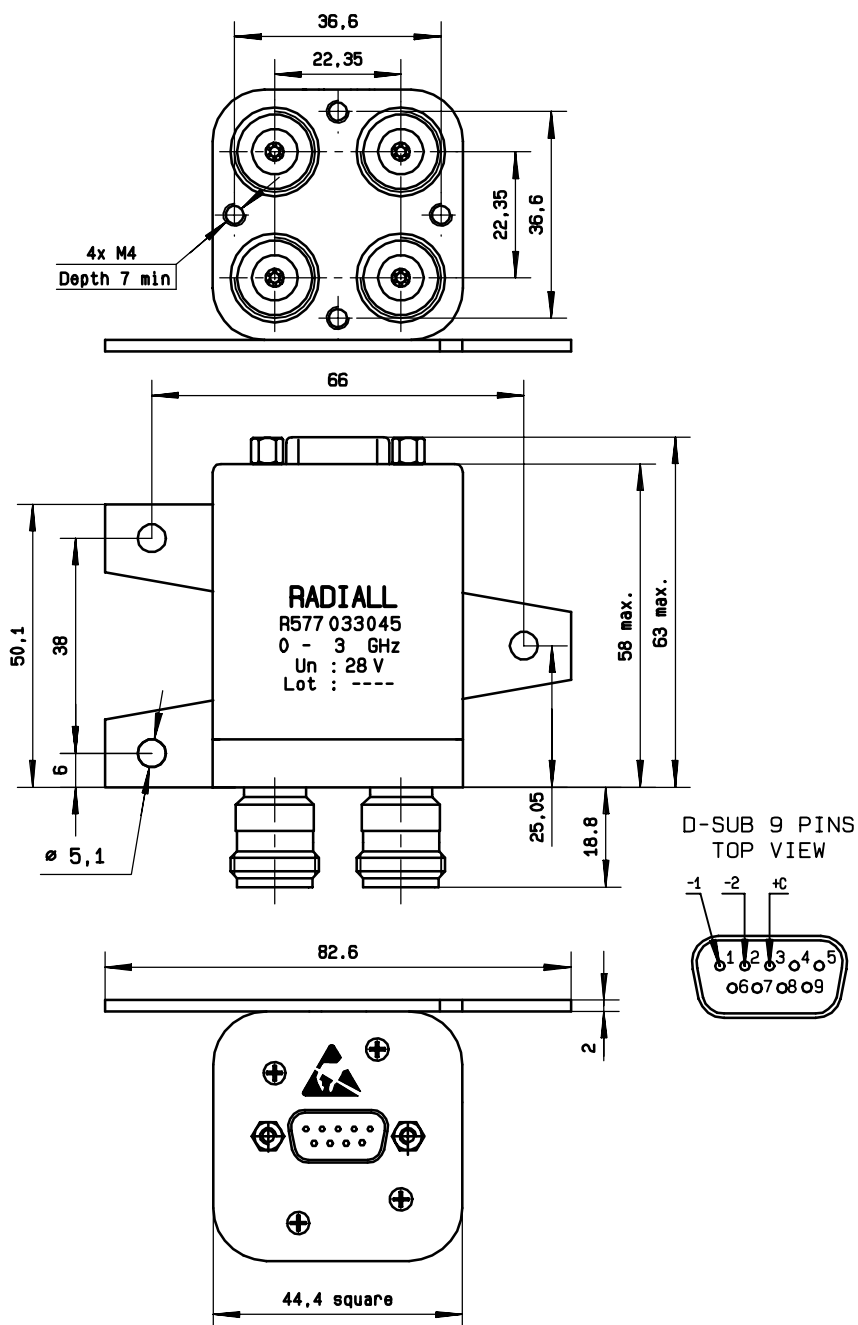
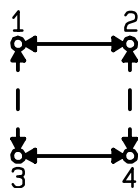
(\* : average power at 25° C)

# DRAWING

General tolerance:  $\pm 0,5$  mm

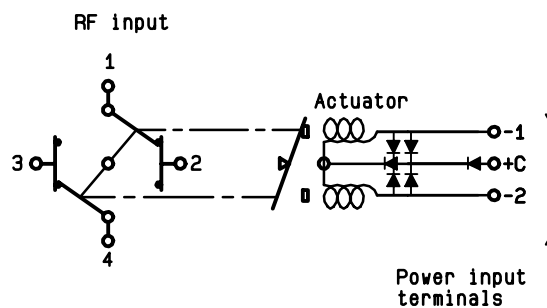
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# SCHEMATIC DIAGRAM

| Voltage | RF continuity |
|---------|---------------|
| + C - 1 | 1 ↔ 3 2 ↔ 4   |
| + C - 2 | 1 ↔ 2 3 ↔ 4   |



ISSUE 22. jan.08

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