

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 SMA N/O S.P.4 T. SWITCH

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OPTIONS : INDICATOR

### R F CHARACTERISTICS

NUMBER OF WAYS : 4  
FREQUENCY RANGE : 0 - 3 GHz  
IMPEDANCE : 50 Ohms

|                 |         |
|-----------------|---------|
| FREQUENCY (GHz) | 0 - 3   |
| V.S.W.R <=      | 1.20    |
| INSERT. LOSS <= | 0.20 dB |
| ISOLATION >=    | 80 dB   |
| AVER. POWER (*) | 240 W   |

### ELECTRICAL CHARACTERISTICS

ACTUATOR : NORMALLY OPEN  
NOMINAL CURRENT AT 25° C (±10%) : 102 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
TERMINALS : 25 pins D-SUB male connector  
INDICATOR RATING : 1 W / 30 V / 100 mA

### MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL C 39012  
LIFE : 5.000.000 cycles per position  
SWITCHING TIME (nominal voltage;25° C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 220 g

### ENVIRONMENTAL CHARACTERISTICS

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

(\* : average power at 25° C per RF path)

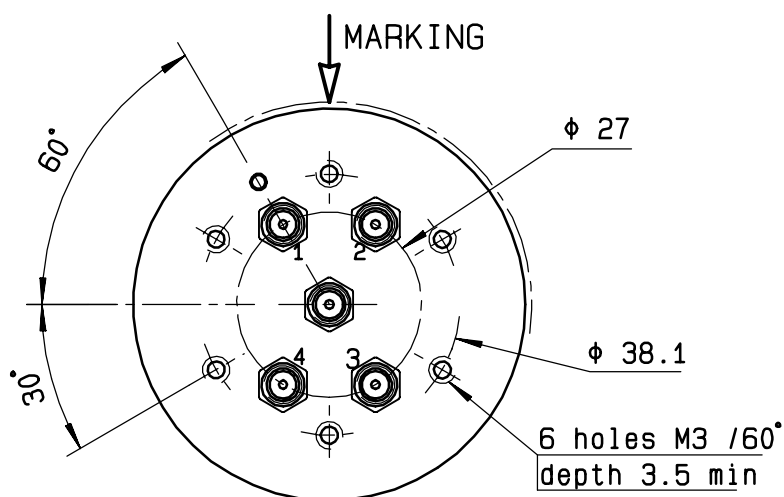
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DRAWING

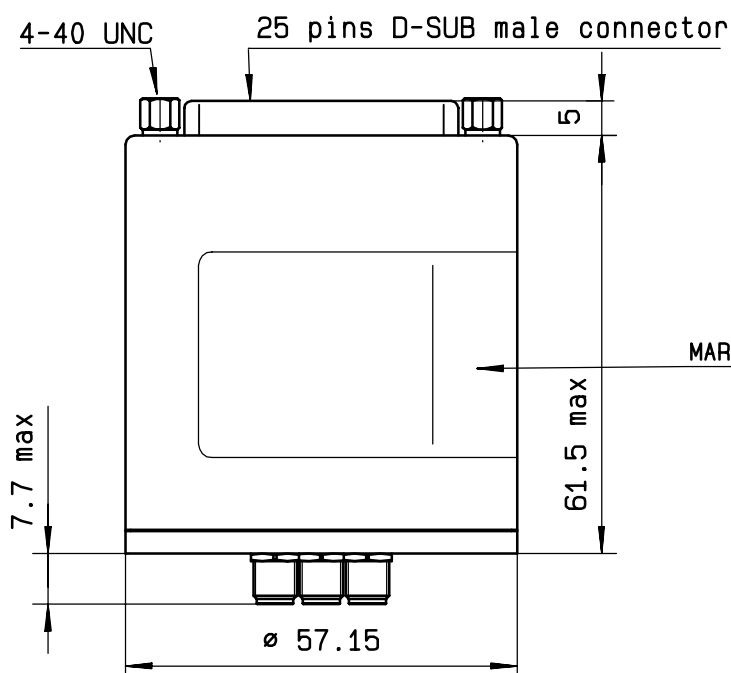
General tolerance:  $\pm 0,5$  mm

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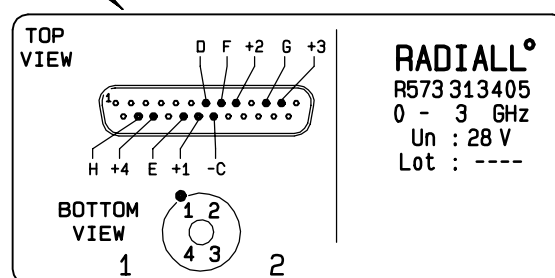


| Voltage | RF continuity          | Ind. |
|---------|------------------------|------|
| -C +1   | IN $\leftrightarrow$ 1 | D.E  |
| -C +2   | IN $\leftrightarrow$ 2 | D.F  |
| -C +3   | IN $\leftrightarrow$ 3 | D.G  |
| -C +4   | IN $\leftrightarrow$ 4 | D.H  |

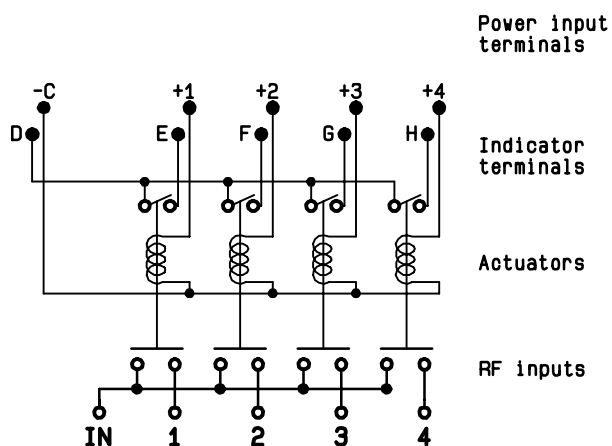


MARKING

TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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