

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 LATCHING S.P.6 T. SWITCH**

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OPTIONS : INDICATOR / TTL DRIVE /SUPP.DIODES

### R F CHARACTERISTICS

NUMBER OF WAYS : 6  
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 : LATCHING  
NOMINAL CURRENT AT 25°C (±10%) : 125 mA / RESET : 750 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  
TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V  
- Low level : 0 to 0.8V / 20µA at 0.8V

### 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)  
(\*\* RESET : supply voltage time 1sec. max./duty cycle 10%)

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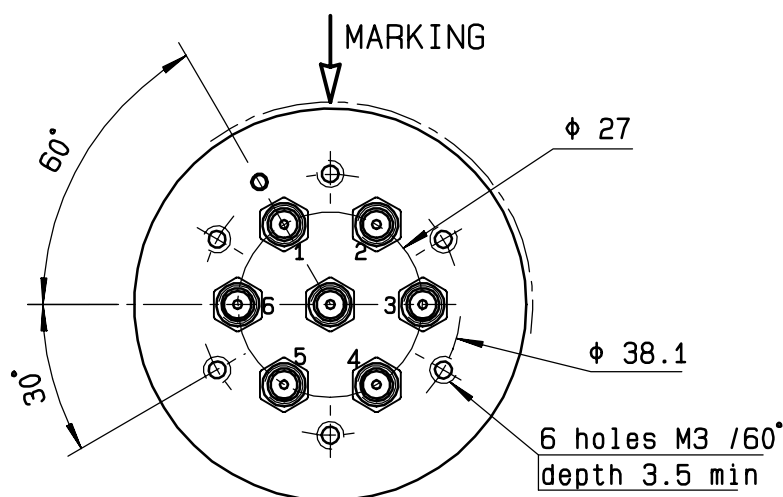
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## DRAWING

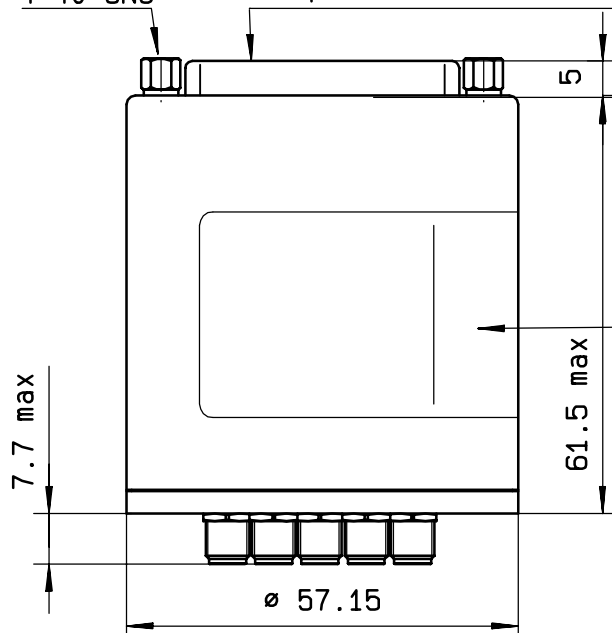
General tolerance:  $\pm 0,5$  mm

# R573 333 625

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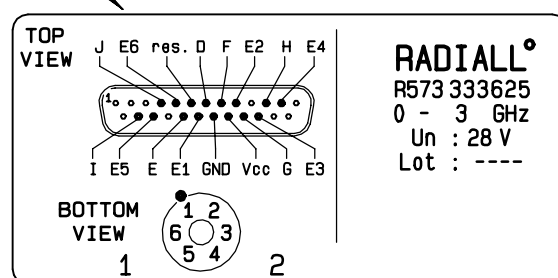


4-40 UNC 25 pins D-SUB male connector

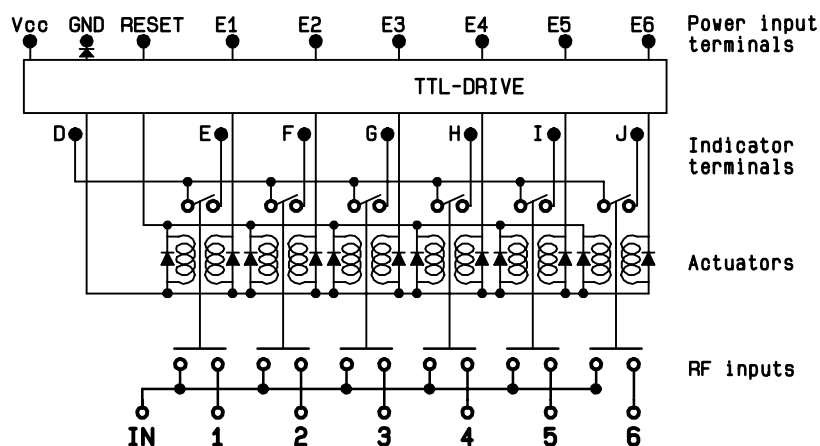


MARKING

TOP VIEW (TERMINALS)



## SCHEMATIC DIAGRAM



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