



**R574 483 625**

Page  
1 / 2

## R F CHARACTERISTICS

NUMBER OF WAYS : 6  
FREQUENCY RANGE : 0 - 18 GHz  
IMPEDANCE : 50 Ohms

|                 |         |         |         |          |
|-----------------|---------|---------|---------|----------|
| FREQUENCY (GHz) | 0 - 3   | 3 - 8   | 8 -12.4 | 12.4- 18 |
| V.S.W.R ≤       | 1.20    | 1.30    | 1.40    | 1.50     |
| INSERT. LOSS ≤  | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB  |
| ISOLATION ≥     | 80 dB   | 70 dB   | 60 dB   | 60 dB    |
| AVER. POWER (*) | 240 W   | 150 W   | 120 W   | 100 W    |

```

TERMINATION IMPEDANCE           : 50 Ohms
TERMINATION AVG. POWER AT 25° C : 1 W per termination
                                3 W total power

```

## ELECTRICAL CHARACTERISTICS

|                                 |                                     |
|---------------------------------|-------------------------------------|
| ACTUATOR                        | : LATCHING                          |
| NOMINAL CURRENT AT 25° C (±10%) | : 375 mA                            |
| ACTUATOR VOLTAGE (Vcc)          | : 28V (24 to 30V) / NEGATIVE COMMON |
| TERMINALS                       | : 25 pins D-SUB male connector      |
| SELF CUT-OFF TIME               | : 40 ms < CT < 120 ms               |
| 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                                   | : 2.000.000 cycles per position |
| SWITCHING TIME (nominal voltage;25° C) | : < 40 ms                       |
| CONSTRUCTION                           | : splashproof                   |
| WEIGHT                                 | : < 250 g                       |

## ENVIRONMENTAL CHARACTERISTICS

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

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

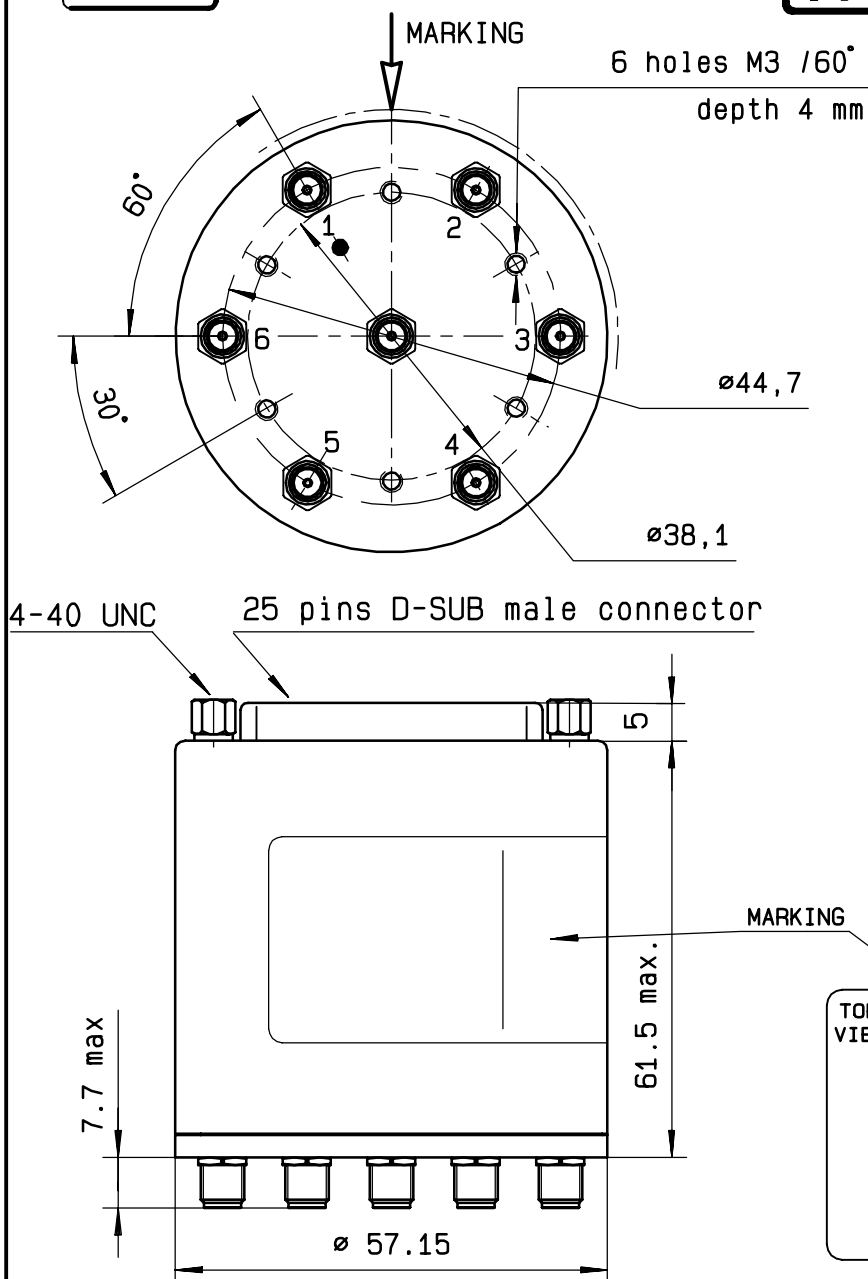
This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary

# DRAWING

General tolerance:  $\pm 0,5$  mm

# R574 483.625

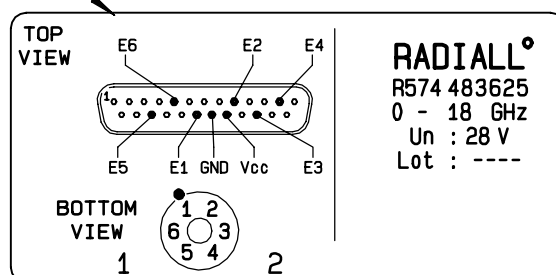
Page  
2/2



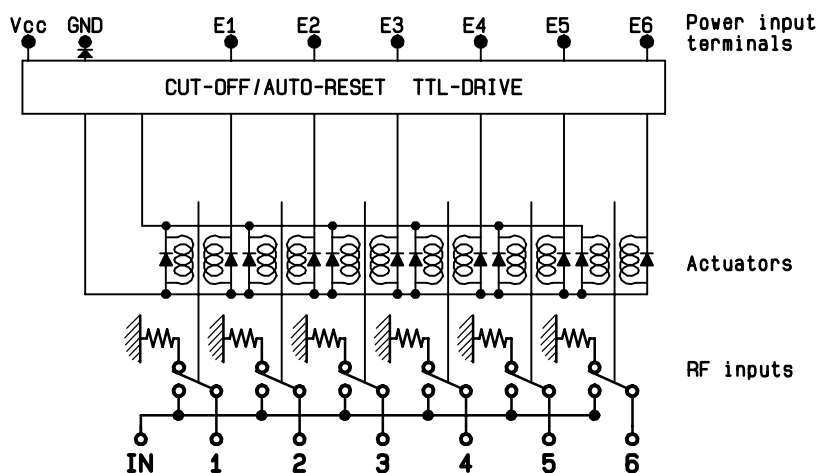
| TTL input | RF continuity          |
|-----------|------------------------|
| E1 = 1    | IN $\leftrightarrow$ 1 |
| E2 = 1    | IN $\leftrightarrow$ 2 |
| E3 = 1    | IN $\leftrightarrow$ 3 |
| E4 = 1    | IN $\leftrightarrow$ 4 |
| E5 = 1    | IN $\leftrightarrow$ 5 |
| E6 = 1    | IN $\leftrightarrow$ 6 |

MARKING

TOP VIEW (TERMINALS)



# SCHEMATIC DIAGRAM



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