



3 GHz SMA LATCHING S.P.6 T. SWITCH

OPTIONS : /SELF CUT-OFF /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
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

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)

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

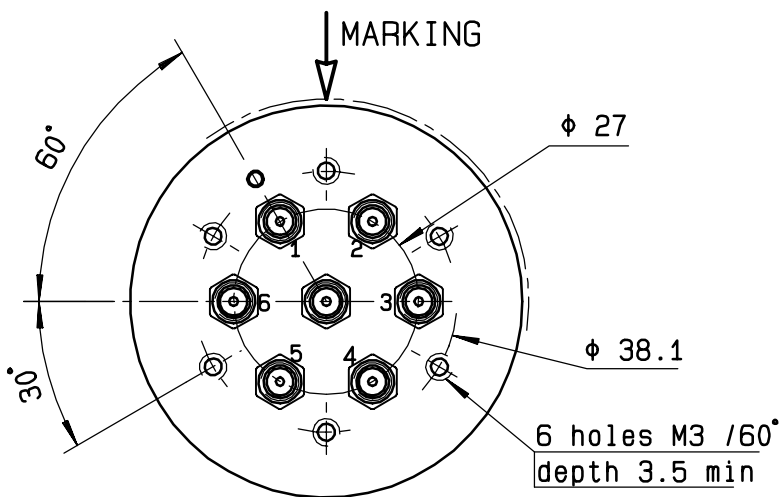
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DRAWING

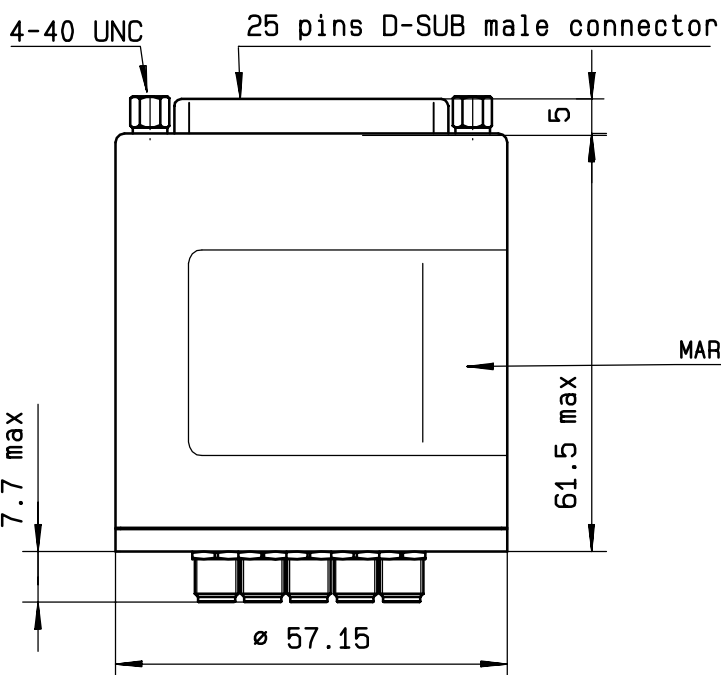
General tolerance: ± 0,5 mm

R573 343605

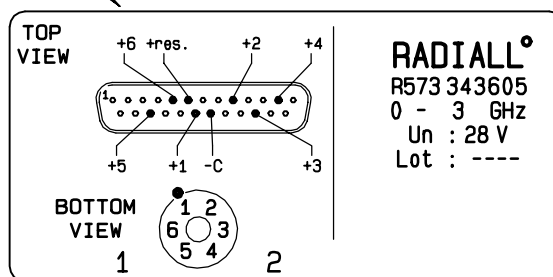
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| Voltage | RF continuity |
|-----------|----------------|
| -C +RESET | All ports open |
| -C +1 | IN ↔ 1 |
| -C +2 | IN ↔ 2 |
| -C +3 | IN ↔ 3 |
| -C +4 | IN ↔ 4 |
| -C +5 | IN ↔ 5 |
| -C +6 | IN ↔ 6 |

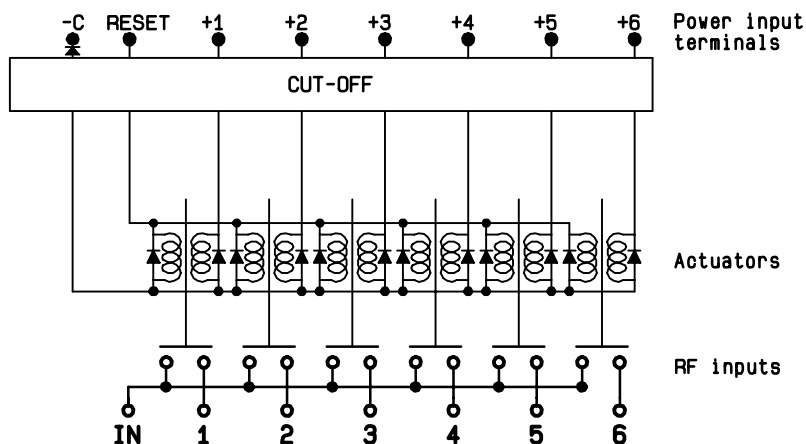


MARKING TOP VIEW (TERMINALS)



RADIALL^o
 R573 343605
 0 - 3 GHz
 Un : 28 V
 Lot : ----

SCHEMATIC DIAGRAM



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