



**3 GHz BNC LATCHING 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 : LATCHING  
NOMINAL CURRENT AT 25°C (\*10%) : 125 mA / RESET : 500 mA (\*\*)  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
TERMINALS : solder pins (250°C max./30 sec.)  
INDICATOR RATING : 1 W / 30 V / 100 mA

**MECHANICAL CHARACTERISTICS**

CONNECTORS : BNC female per MIL C 39012  
LIFE : 2.000.000 cycles per position  
SWITCHING TIME (nominal voltage;25°C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 460 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%)

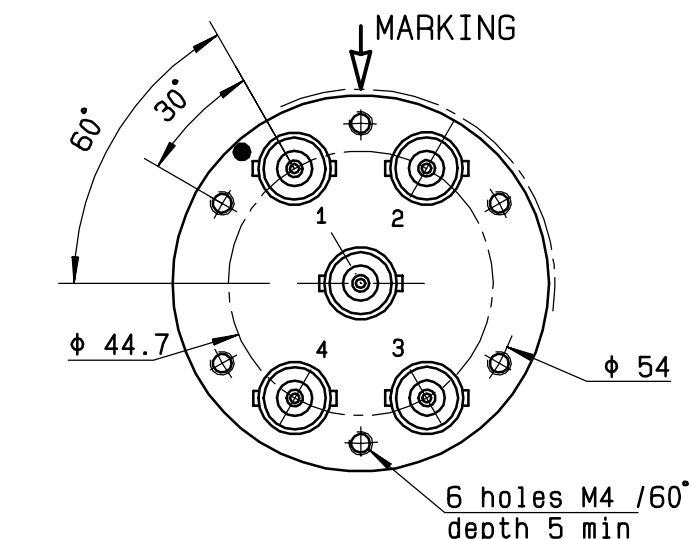
This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary

# DRAWING

General tolerance:  $\pm 0,5$  mm

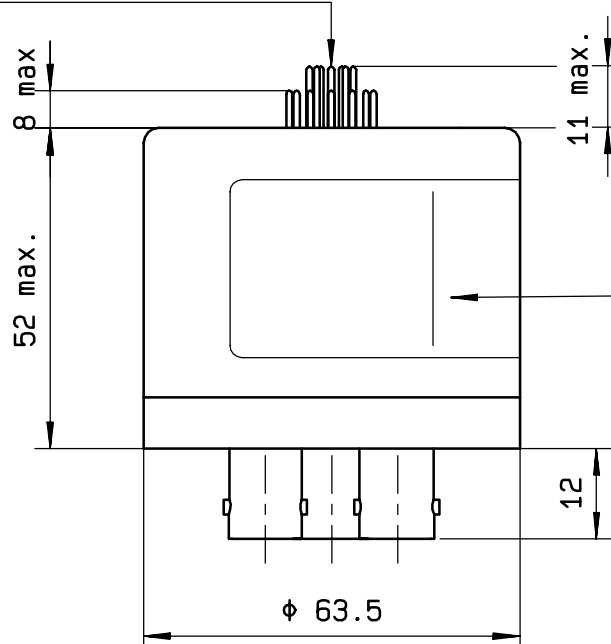
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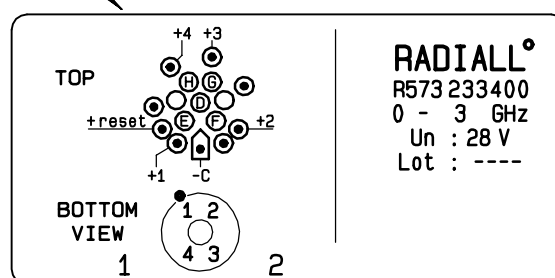
| Voltage   | RF continuity          | Ind. |
|-----------|------------------------|------|
| -C +RESET | All ports open         | --   |
| -C +1     | IN $\leftrightarrow$ 1 | D.E  |
| -C +2     | IN $\leftrightarrow$ 2 | D.F  |
| -C +3     | IN $\leftrightarrow$ 3 | D.G  |
| -C +4     | IN $\leftrightarrow$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

## TERMINALS

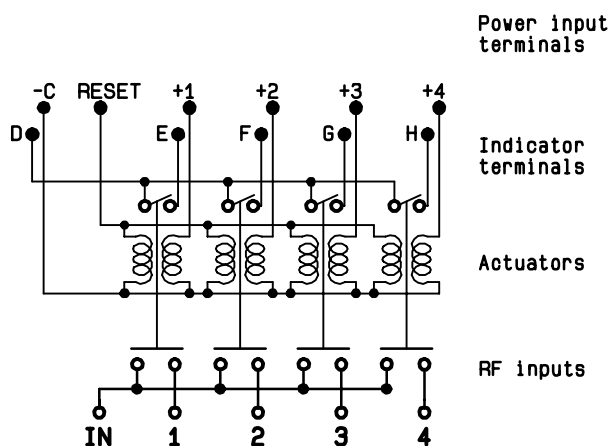


MARKING

TOP VIEW (TERMINALS)



## SCHEMATIC DIAGRAM



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