

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.10T. SWITCH**

Page  
1 / 2

OPTIONS :    INDICATOR    /SUPP.DIODES

**R F CHARACTERISTICS**

NUMBER OF WAYS : 10  
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 : 2.000.000 cycles per position  
SWITCHING TIME (nominal voltage;25° C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 360 g

**ENVIRONMENTAL CHARACTERISTICS**

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

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

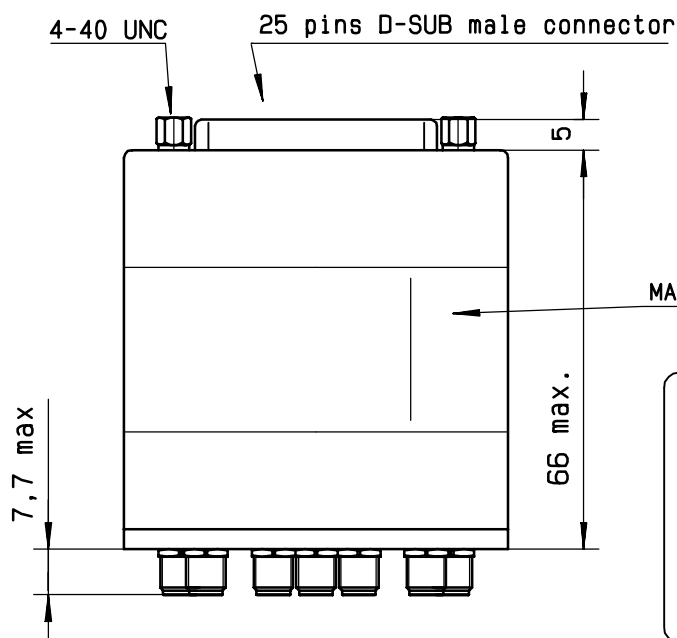
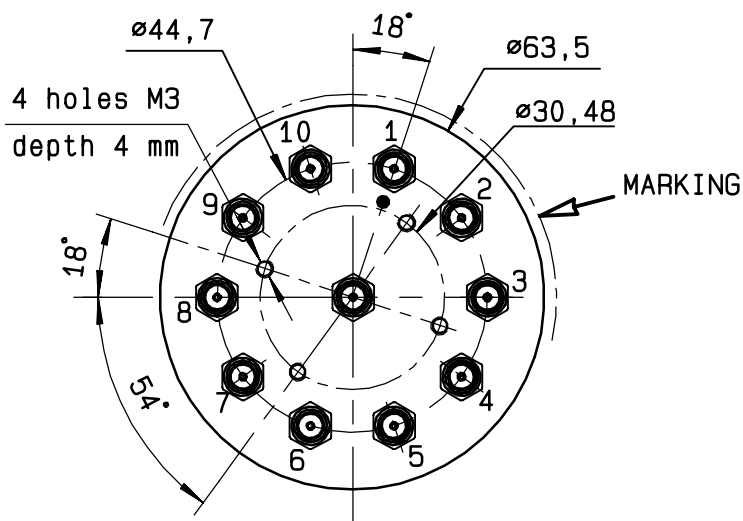
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DRAWING

General tolerance:  $\pm 0,5$  mm

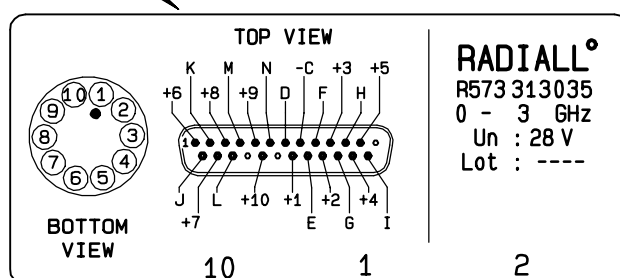
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Page  
2/2

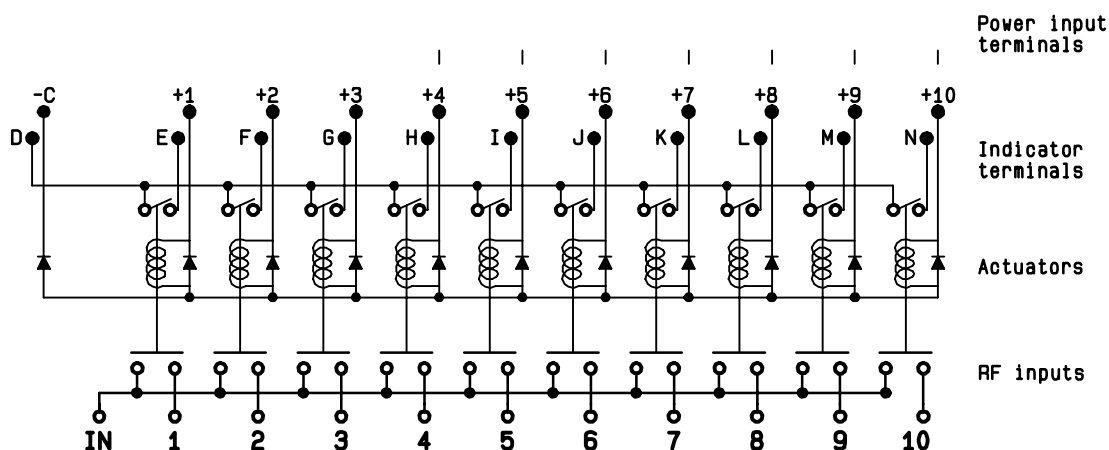


| Voltage | RF continuity | Ind. |
|---------|---------------|------|
| -C +1   | IN ↔ 1        | D.E  |
| -C +2   | IN ↔ 2        | D.F  |
| -C +3   | IN ↔ 3        | D.G  |
| -C +4   | IN ↔ 4        | D.H  |
| -C +5   | IN ↔ 5        | D.I  |
| -C +6   | IN ↔ 6        | D.J  |
| -C +7   | IN ↔ 7        | D.K  |
| -C +8   | IN ↔ 8        | D.L  |
| -C +9   | IN ↔ 9        | D.M  |
| -C +10  | IN ↔ 10       | D.N  |

MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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