

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



50Ω TERMINATED

3 GHz

N

N/O

S.P.10T. SWITCH

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OPTIONS :

### RF CHARACTERISTICS

NUMBER OF WAYS : 10  
FREQUENCY RANGE : 0 - 3 GHz  
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3
V.S.W.R	<= 1.30
INSERT. LOSS	<= 0.30 dB
ISOLATION	>= 80 dB
AVER. POWER (*)	400 W

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

### ELECTRICAL CHARACTERISTICS

ACTUATOR : NORMALLY OPEN  
NOMINAL CURRENT AT 25° C (\*10%) : 250 mA  
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON  
TERMINALS : solder pins (250°C max./30 sec.)

### MECHANICAL CHARACTERISTICS

CONNECTORS : N female per MIL-C 39012  
LIFE : 2.000.000 cycles per position  
SWITCHING TIME (nominal voltage;25° C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 850 g

### ENVIRONMENTAL CHARACTERISTICS

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

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

(\*\*\* : V.S.W.R values are not applicable for internal terminations)

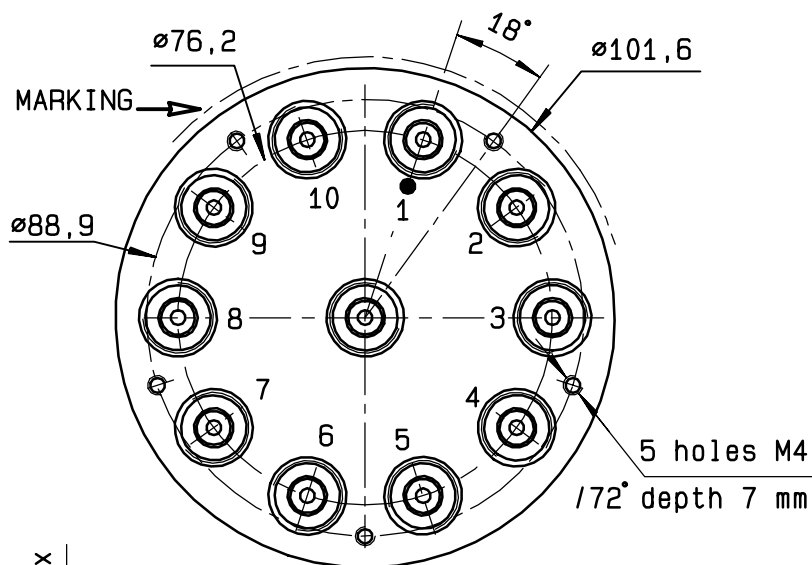
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# DRAWING

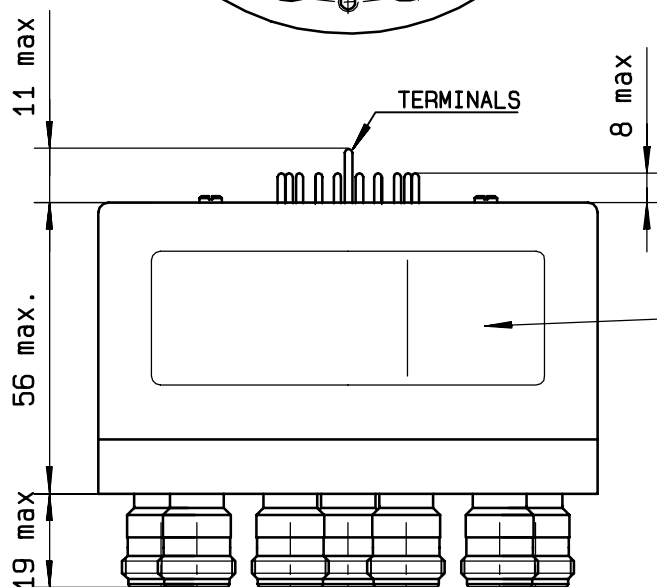
General tolerance: ± 0,5 mm

# R574.002.000

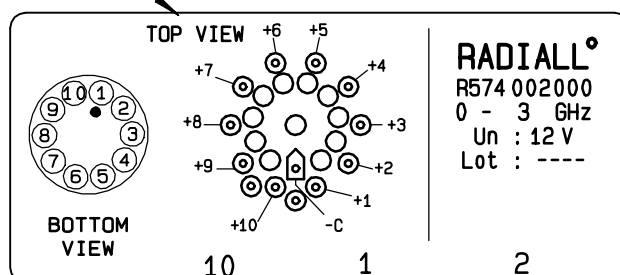
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Voltage	RF continuity
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6
-C +7	IN ↔ 7
-C +8	IN ↔ 8
-C +9	IN ↔ 9
-C +10	IN ↔ 10

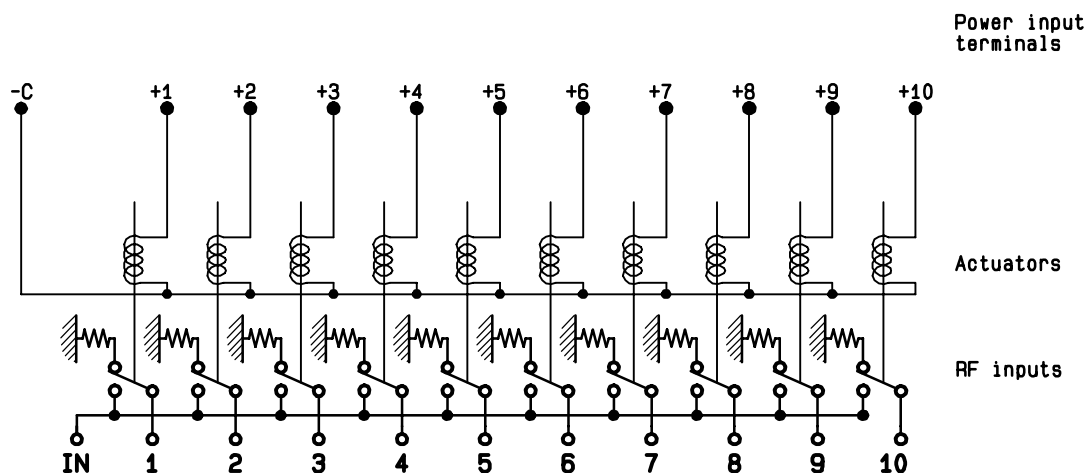


MARKING TOP VIEW (TERMINALS)



**RADIAL**  
R574 002000  
0 - 3 GHz  
Un : 12 V  
Lot : ----

# SCHEMATIC DIAGRAM



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# Mouser Electronics

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