



50Ω TERMINATED    3GHz    SMA    LATCHING    S.P.6 T. SWITCH

OPTIONS: /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 (*)	120 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%) : 320 mA / RESET : 1920 mA (\*\*)  
 ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON  
 TERMINALS : solder pins (250°C max./30 sec.)

**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 : < 250 g

**ENVIRONMENTAL CHARACTERISTICS**

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

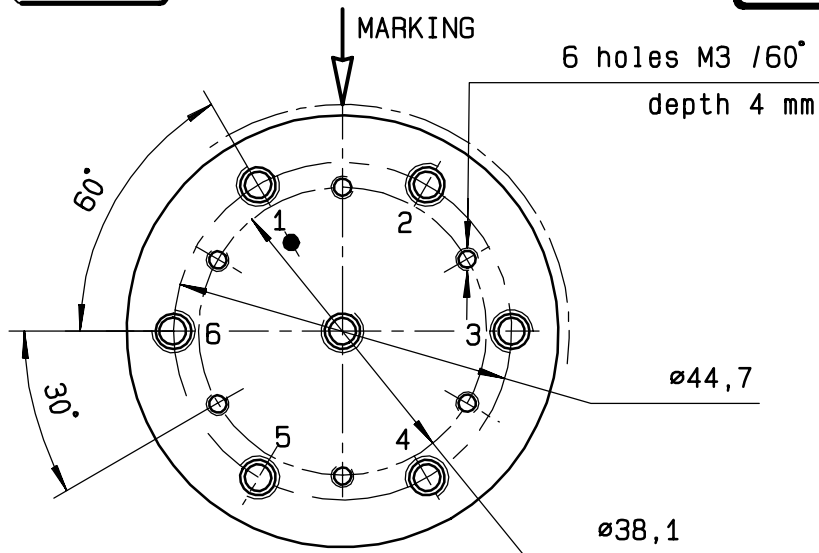
(\* : average power at 25° C per RF path)  
 (\*\* RESET : supply voltage time 1sec. max./duty cycle 10%)

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

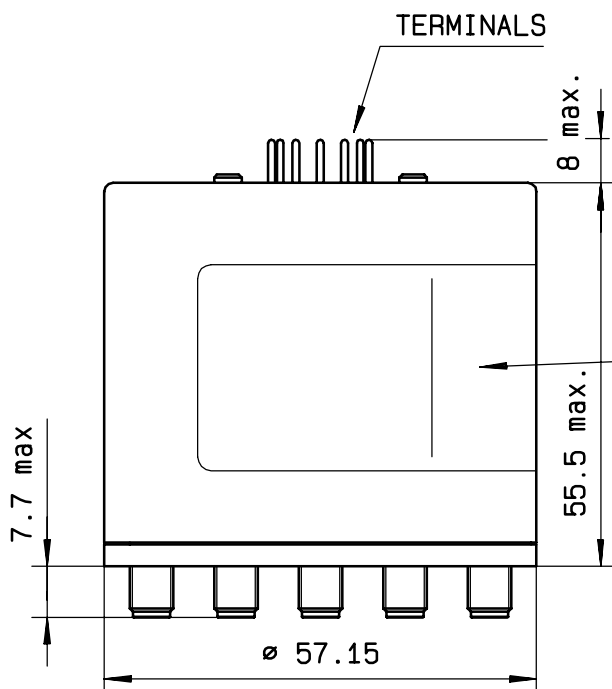
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**DRAWING**

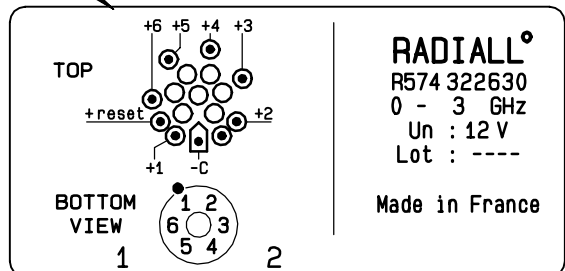
General tolerance: ± 0,5 mm



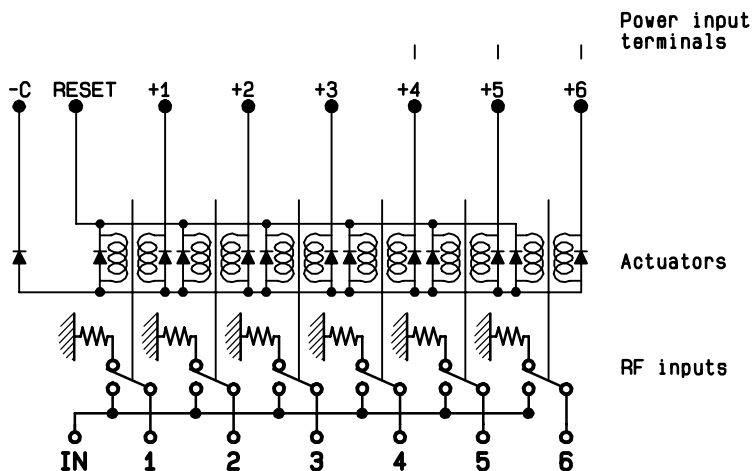
Voltage	RF continuity
-C +RESET	All ports open
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6



MARKING TOP VIEW (TERMINALS)



**SCHEMATIC DIAGRAM**



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