

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 LATCHING S.P.8 T. SWITCH

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OPTIONS : /SELF CUT-OFF /AUTO RESET / TTL DRIVE /SUPP.DIODES

RF CHARACTERISTICS

NUMBER OF WAYS : 8
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%) : 960 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
TERMINALS : solder pins (250 deg.C max./30 sec.)
SELF CUT-OFF TIME : 40 ms < CT < 120 ms
TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V
- Low level : 0 to 0.8V / 20µA at 0.8V

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL-C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25°C) : < 50 ms
CONSTRUCTION : splashproof
WEIGHT : < 280 g

ENVIRONMENTAL CHARACTERISTICS

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

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

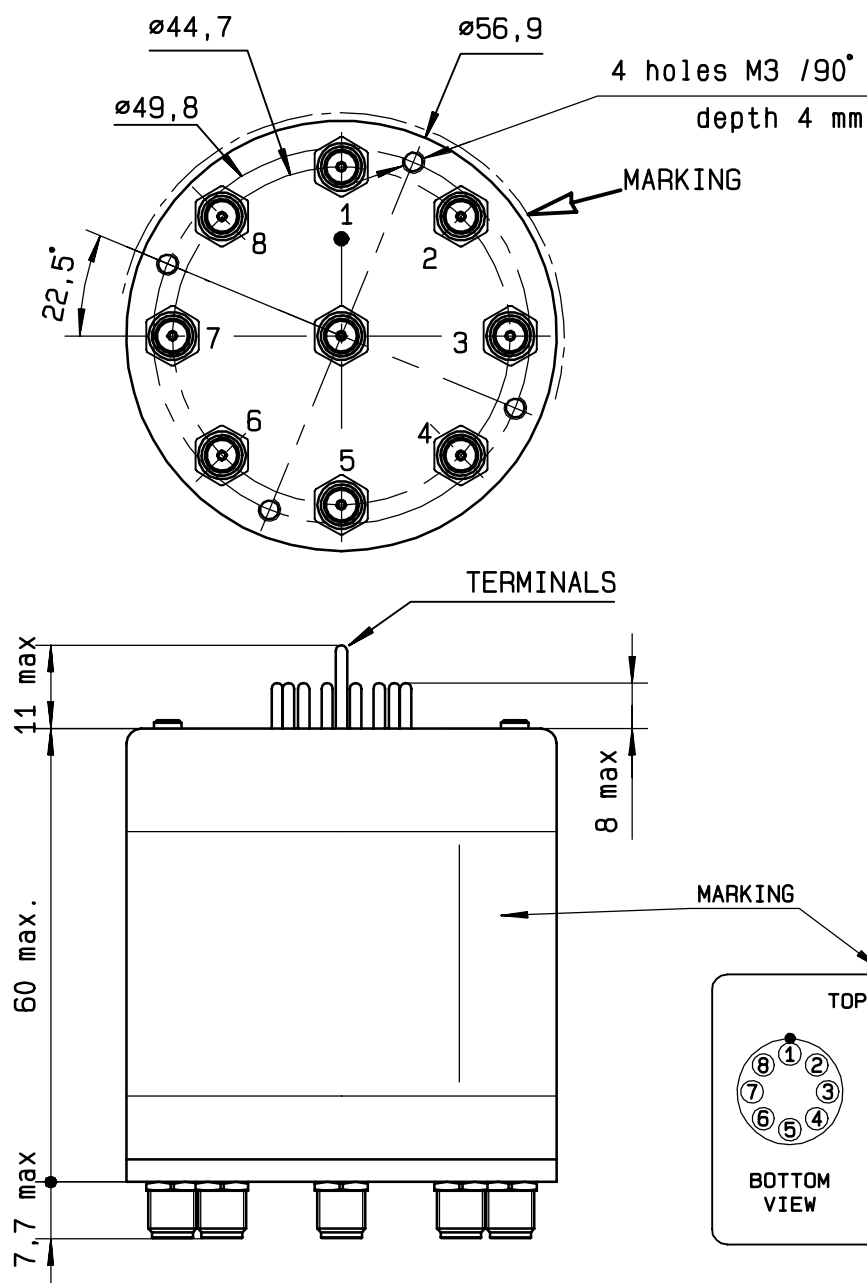
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DRAWING

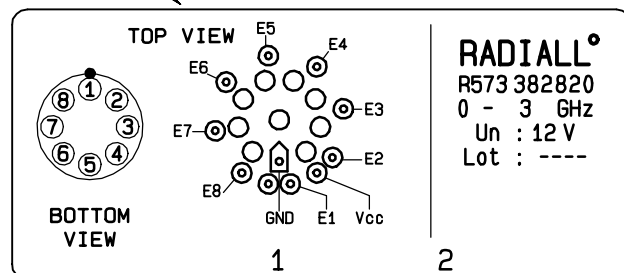
General tolerance: $\pm 0,5$ mm

R573 382.820

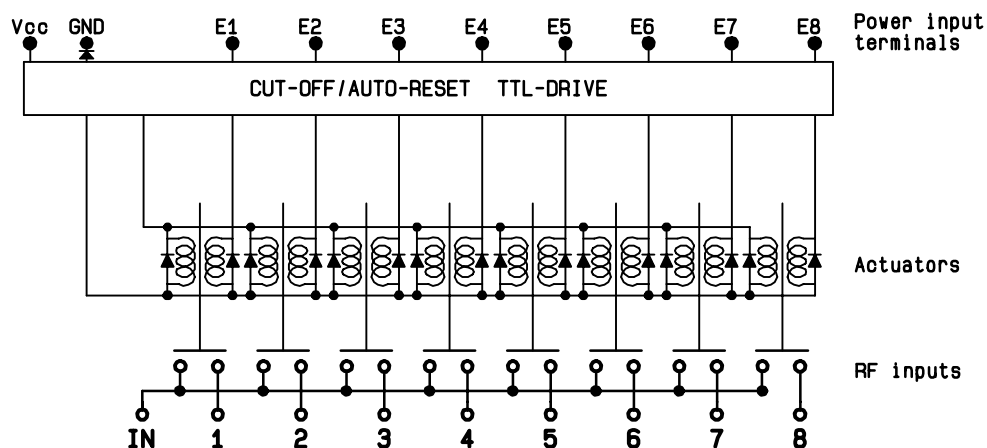
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TTL input	RF continuity
E1 = 1	IN $\leftrightarrow$ 1
E2 = 1	IN $\leftrightarrow$ 2
E3 = 1	IN $\leftrightarrow$ 3
E4 = 1	IN $\leftrightarrow$ 4
E5 = 1	IN $\leftrightarrow$ 5
E6 = 1	IN $\leftrightarrow$ 6
E7 = 1	IN $\leftrightarrow$ 7
E8 = 1	IN $\leftrightarrow$ 8



SCHEMATIC DIAGRAM



ISSUE 22. Jan. 08

4113-9212