

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.8 T. SWITCH

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OPTIONS : INDICATOR /BCD DECODER /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 : NORMALLY OPEN
NOMINAL CURRENT AT 25°C (±10%) : 250 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
TERMINALS : solder pins (250 deg.C max./30 sec.)
INDICATOR RATING : 1 W / 30 V / 100 mA
BCD INPUTS (E) - High level : 3.5 to 5.5V / 800µA at 5V
- Low level : 0 to 1.5V / 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) : < 15 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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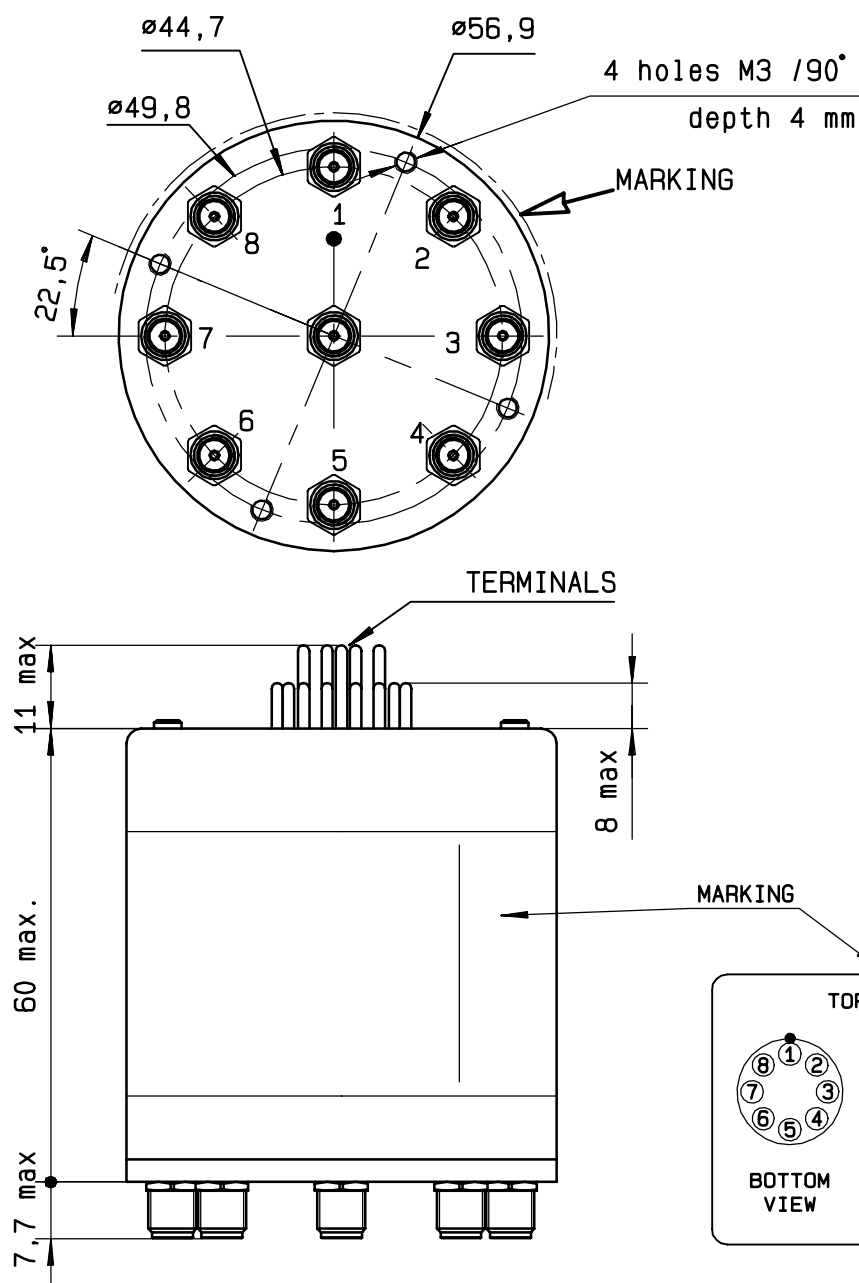
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DRAWING

General tolerance: ± 0,5 mm

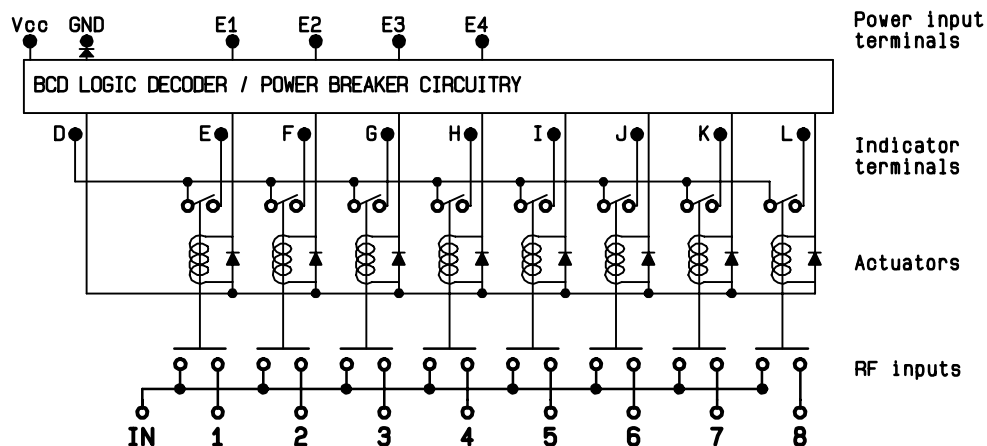
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BCD TRUTH TABLE					
E4	E3	E2	E1	RF continuity	Ind.
0	0	0	0	LAST SELECTED POS	--
1	1	1	1	ALL PORTS OPEN	--
0	0	0	1	IN ↔ 1	D.E
0	0	1	0	IN ↔ 2	D.F
0	0	1	1	IN ↔ 3	D.G
0	1	0	0	IN ↔ 4	D.H
0	1	0	1	IN ↔ 5	D.I
0	1	1	0	IN ↔ 6	D.J
0	1	1	1	IN ↔ 7	D.K
1	0	0	0	IN ↔ 8	D.L

SCHEMATIC DIAGRAM



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