

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

4112-9212



50Ω TERMINATED 18 GHz SMA N/O S.P.8 T. SWITCH

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OPTIONS: /SUPP.DIODES

RF CHARACTERISTICS

NUMBER OF WAYS : 8
FREQUENCY RANGE : 0 - 18 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4- 16	16 - 18
V.S.W.R <=	1.20	1.30	1.40	1.50	1.60
INSERT. LOSS <=	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB
ISOLATION >=	80 dB	70 dB	60 dB	60 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 W	110 W	100 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%) : 102 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / POSITIVE 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 : < 280 g

ENVIRONMENTAL CHARACTERISTICS

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

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

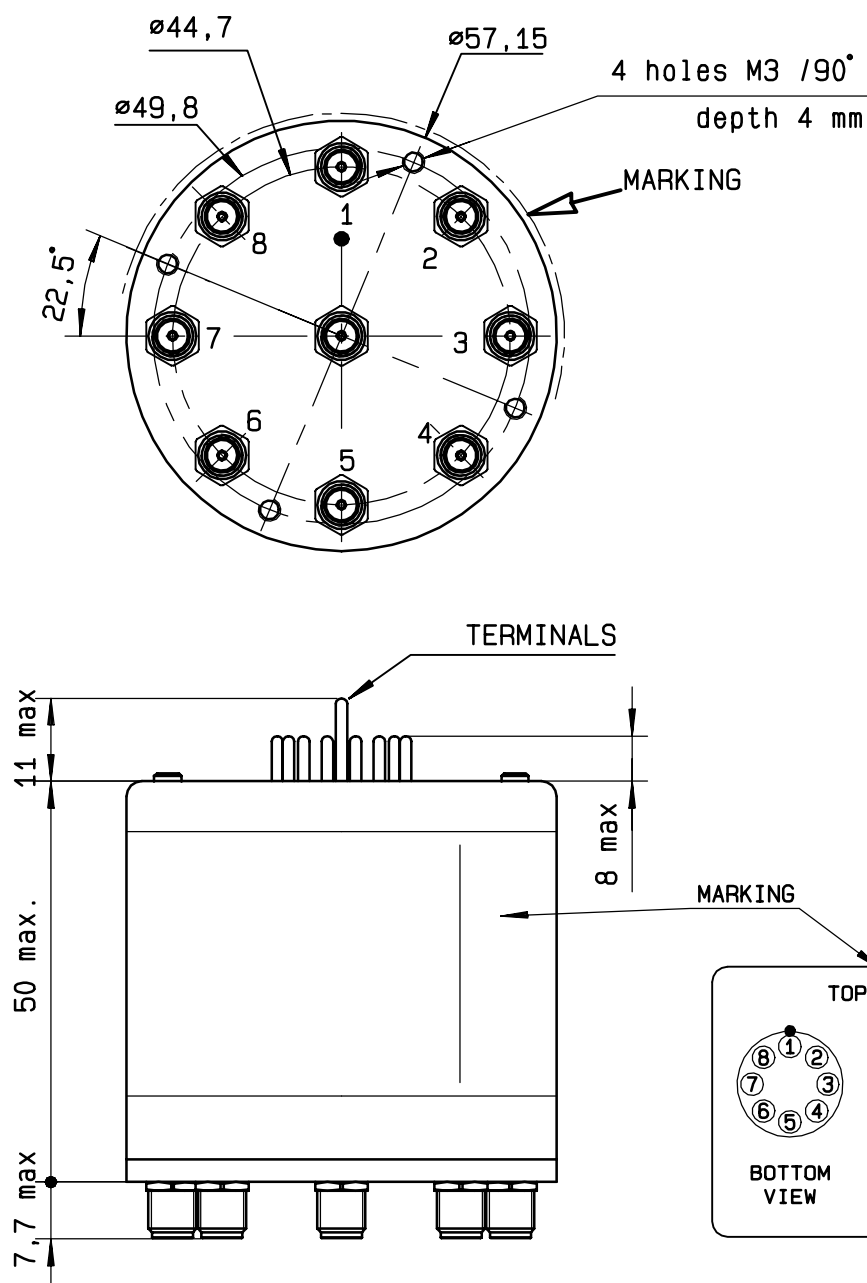
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DRAWING

General tolerance: $\pm 0,5$ mm

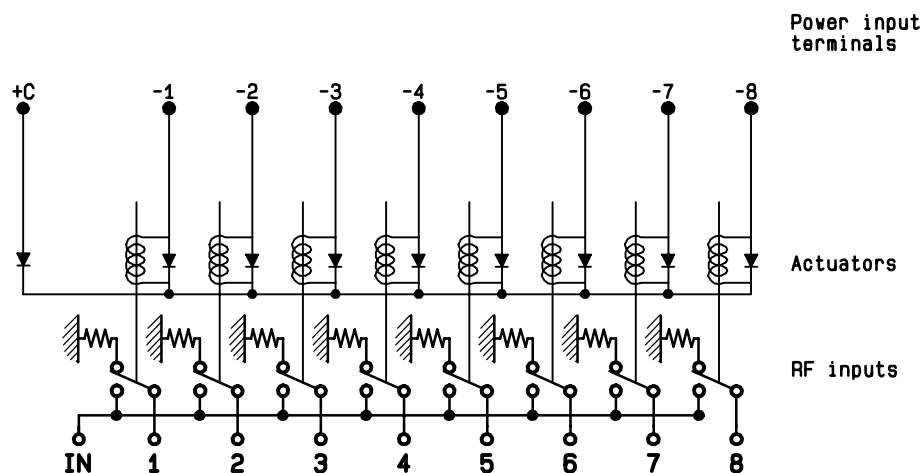
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Voltage	RF continuity
+C -1	IN $\leftrightarrow$ 1
+C -2	IN $\leftrightarrow$ 2
+C -3	IN $\leftrightarrow$ 3
+C -4	IN $\leftrightarrow$ 4
+C -5	IN $\leftrightarrow$ 5
+C -6	IN $\leftrightarrow$ 6
+C -7	IN $\leftrightarrow$ 7
+C -8	IN $\leftrightarrow$ 8

SCHEMATIC DIAGRAM



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