



3 GHz SMA LATCHING S.P.6 T. SWITCH

OPTIONS : INDICATOR /SELF CUT-OFF /AUTO RESET /BCD DECODER /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

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°C max./30 sec.)
 INDICATOR RATING : 1 W / 30 V / 100 mA
 SELF CUT-OFF TIME : 40 ms < CT < 120 ms
 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 : 5.000.000 cycles per position
 SWITCHING TIME (nominal voltage;25° C) : < 40 ms
 CONSTRUCTION : splashproof
 WEIGHT : < 220 g

ENVIRONMENTAL CHARACTERISTICS

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

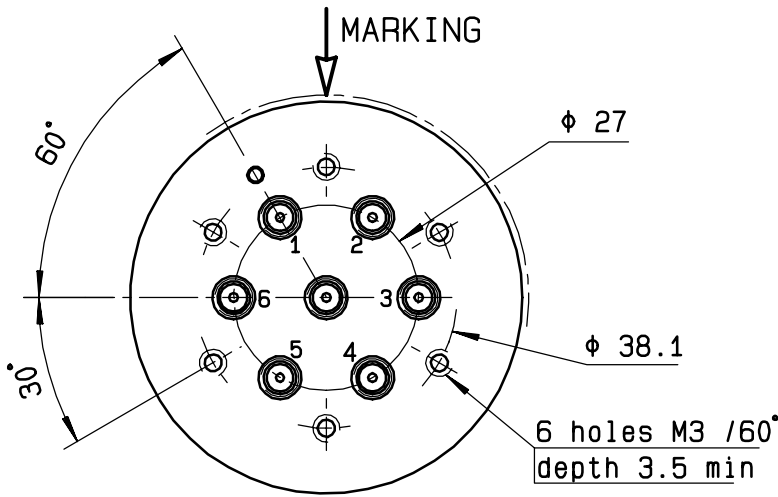
(* : average power at 25° C per RF path)

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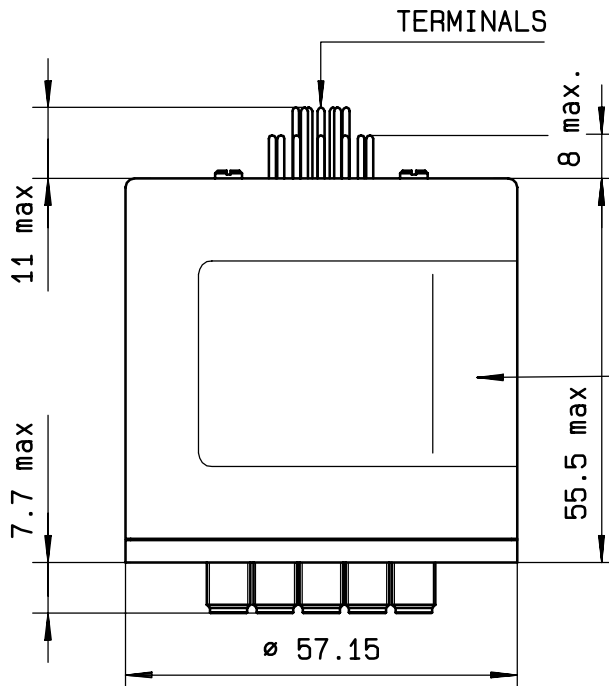
DRAWING

General tolerance: ± 0,5 mm

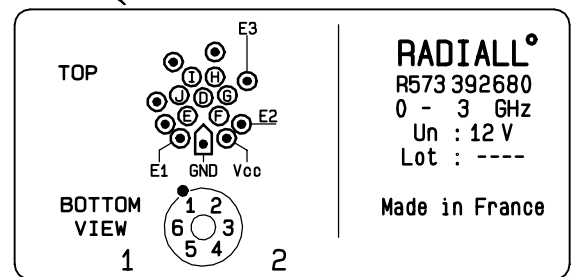
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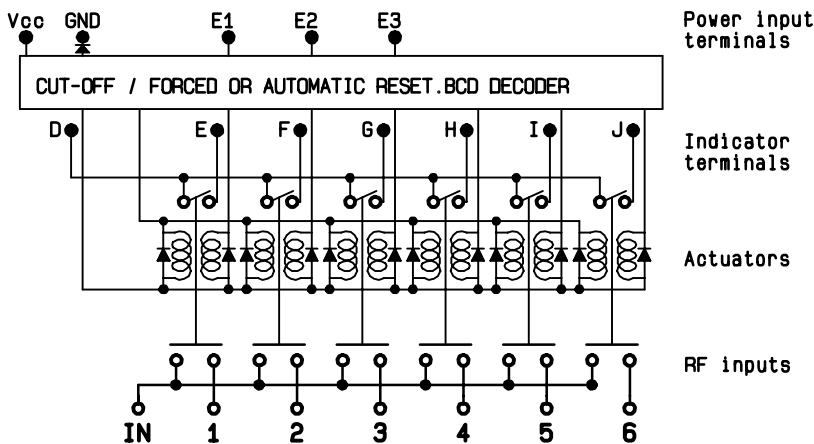
BCD TRUTH TABLE				
E3	E2	E1	RF continuity	Ind.
0	0	0	ALL PORTS OPEN (FORCED RESET)	--
0	0	1	IN ↔ 1	D.E
0	1	0	IN ↔ 2	D.F
0	1	1	IN ↔ 3	D.G
1	0	0	IN ↔ 4	D.H
1	0	1	IN ↔ 5	D.I
1	1	0	IN ↔ 6	D.J



MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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