3 GHz SMA LATCHING S.P.4 T. SWITCH

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

R F CHARACTERISTICS

NUMBER OF WAYS	: 4
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%)	: 250 mA
ACTUATOR VOLTAGE (Vcc)	: 28V (24 to 30V) / NEGATIVE COMMON
TERMINALS	: 25 pins D-SUB male connector
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

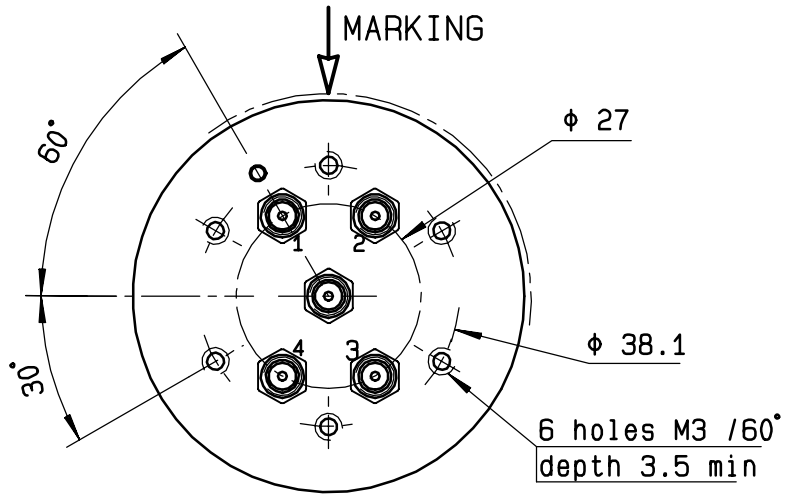
OPERATING TEMPERATURE RANGE	(°C)	: -40 , +85
STORAGE TEMPERATURE RANGE	(°C)	: -55 , +85

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

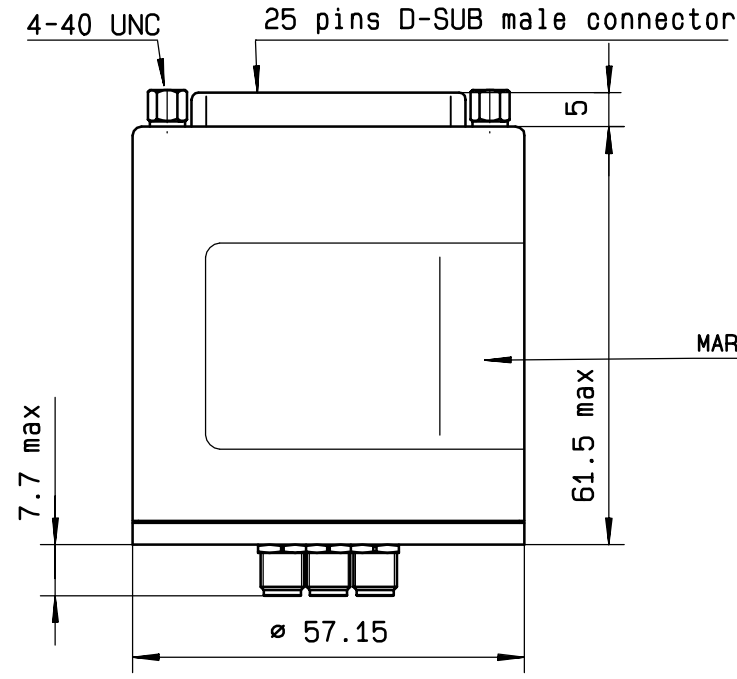
R573 393 485

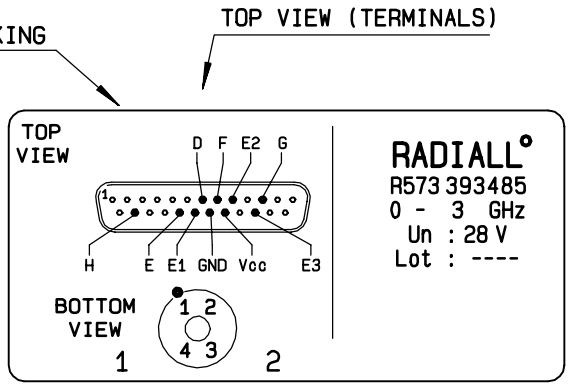
DRAWING

General tolerance: ± 0,5 mm

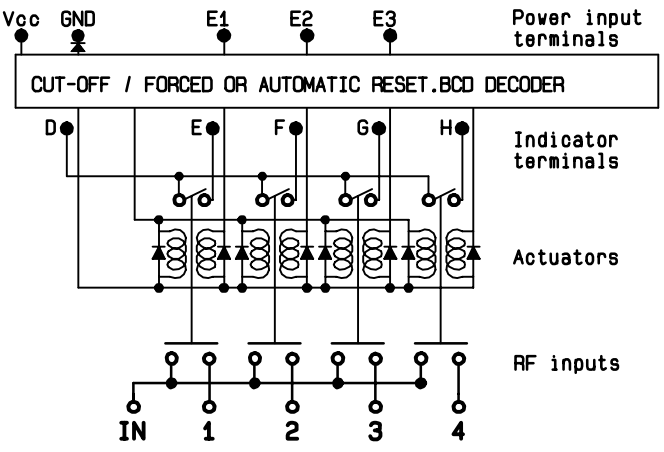


BCD TRUTH TABLE				
E3	E2	E1	RF continuity	Ind.
0	0	0	ALL PORTS OPEN (FORCED RESET)	--
0	0	1	IN ↔ 1	D.E
0	1	0	IN ↔ 2	D.F
0	1	1	IN ↔ 3	D.G
1	0	0	IN ↔ 4	D.H





SCHEMATIC DIAGRAM



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