RADIALL® Microwave components | TECHNICAL DATA SHEET | R573 483 500

18 GHz SMA LATCHING S.P.5 T. SWITCH

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

R F CHARACTERISTICS

NUMBER OF WAYS : 5
FREQUENCY RANGE : 0 - 18 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4- 18
V.S.W.R <=	1.20	1.30	1.40	1.50
INSERT. LOSS <=	0.20 dB	0.30 dB	0.40 dB	0.50 dB
ISOLATION >=	80 dB	70 dB	60 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25° C (±10%) : 375 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
TERMINALS : solder pins (250°C max./30 sec.)
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

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)

4112-9212

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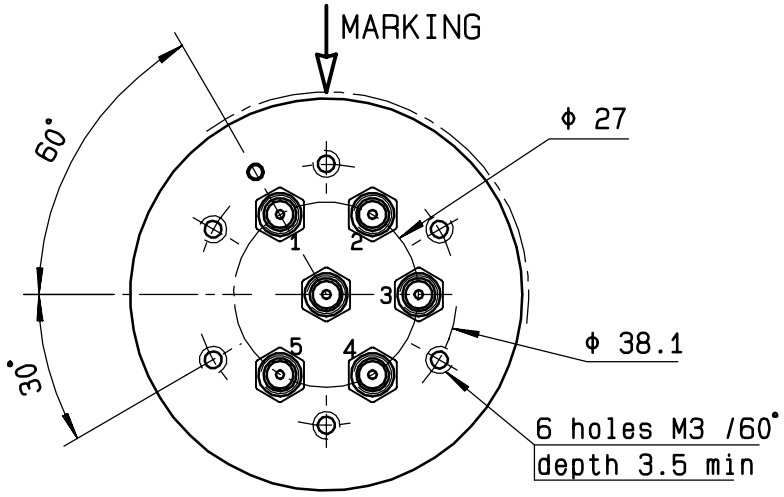
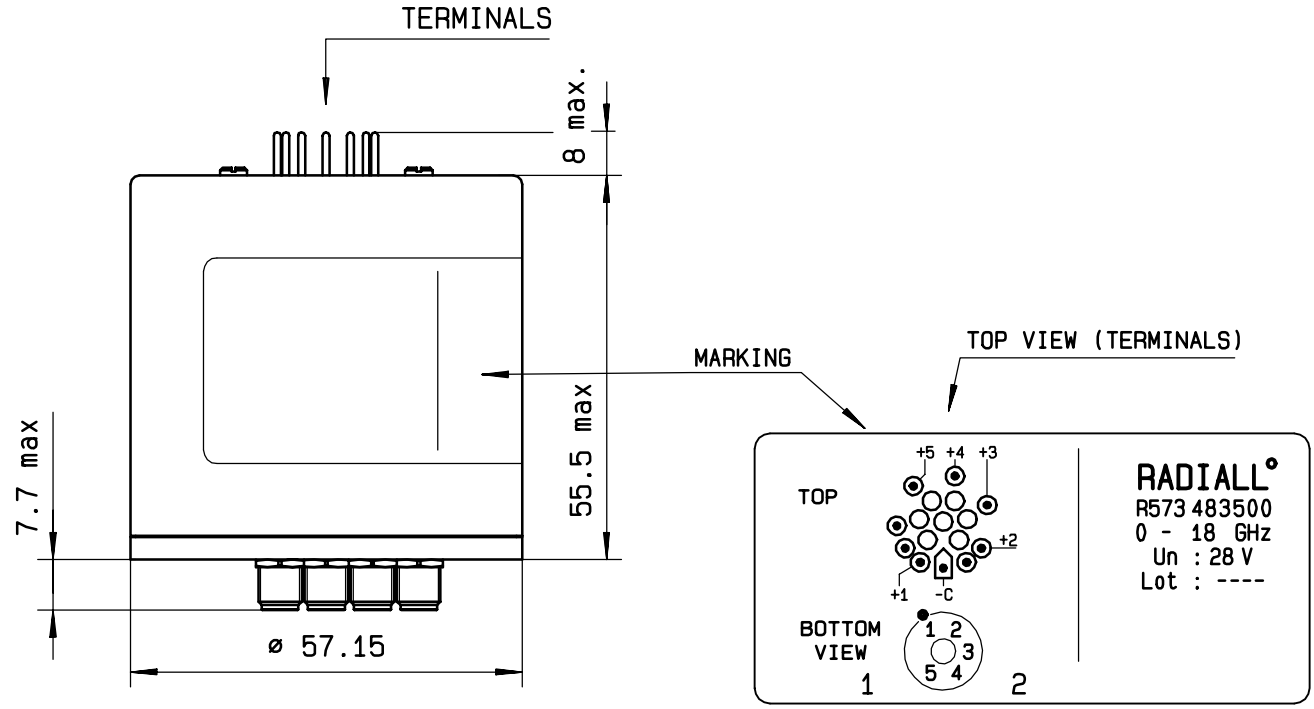
DRAWING

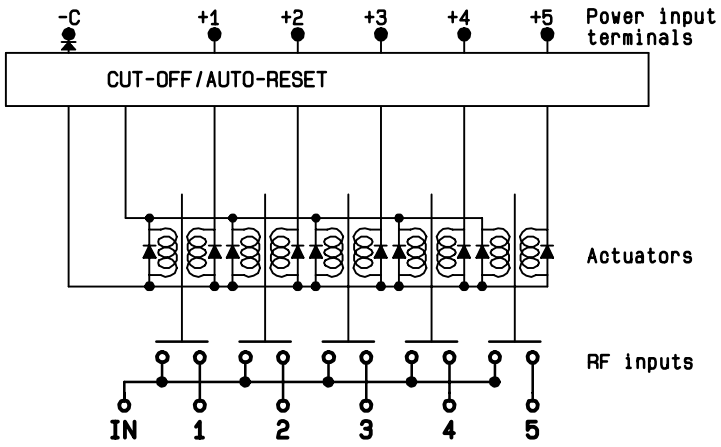
General tolerance: ± 0,5 mm



Voltage	RF continuity
-C +1	IN ◁▷ 1
-C +2	IN ◁▷ 2
-C +3	IN ◁▷ 3
-C +4	IN ◁▷ 4
-C +5	IN ◁▷ 5



SCHEMATIC DIAGRAM



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