12.4 GHz TNC LATCHING S.P.6 T. SWITCH

OPTIONS : INDICATOR /SELF CUT-OFF / TTL DRIVE /SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 6
FREQUENCY RANGE : 0 - 12.4 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4
V.S.W.R <=	1.20	1.35	1.50
INSERT. LOSS <=	0.20 dB	0.35 dB	0.50 dB
ISOLATION >=	80 dB	70 dB	60 dB
AVER. POWER (*)	400 W	250 W	200 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25° C (±10%) : 125 mA / RESET : 750 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / 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
TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V
- Low level : 0 to 0.8V / 20µA at 0.8V

MECHANICAL CHARACTERISTICS

CONNECTORS : TNC female per MIL C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 460 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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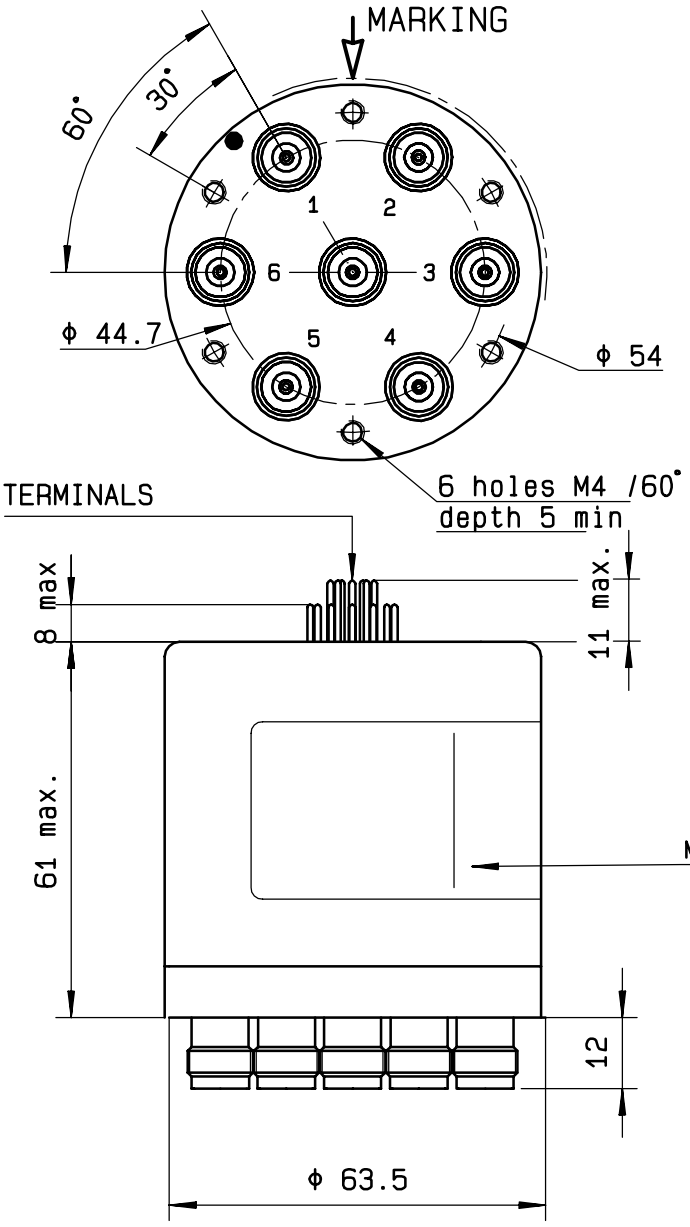
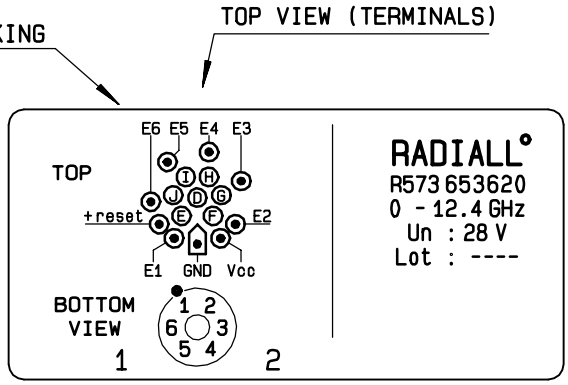
DRAWING

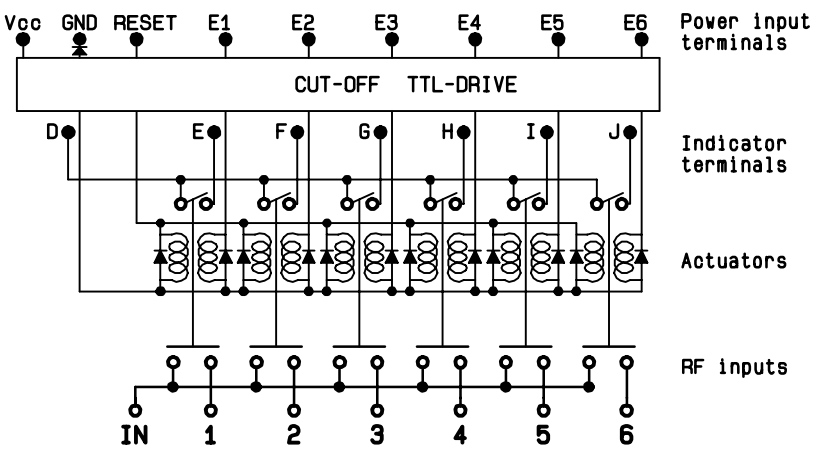
General tolerance: ± 0,5 mm



TTL input	RF continuity	Ind.
RESET = 1	**All ports open**	--
E1 = 1	IN ◁▷ 1	D.E
E2 = 1	IN ◁▷ 2	D.F
E3 = 1	IN ◁▷ 3	D.G
E4 = 1	IN ◁▷ 4	D.H
E5 = 1	IN ◁▷ 5	D.I
E6 = 1	IN ◁▷ 6	D.J



SCHEMATIC DIAGRAM



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