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

OPTIONS : INDICATOR / TTL DRIVE /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%)	: 320 mA / RESET : 1920 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
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	: SMA female per MIL C 39012
LIFE	: 5.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C)	: < 15 ms
CONSTRUCTION	: splashproof
WEIGHT	: < 220 g

ENVIRONMENTAL CHARACTERISTICS

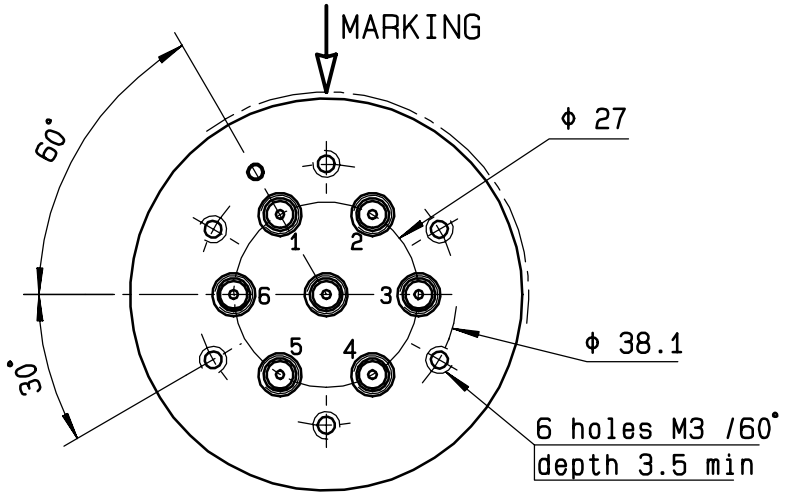
OPERATING TEMPERATURE RANGE	(°C)	: -40 , +85
STORAGE TEMPERATURE RANGE	(°C)	: -55 , +85

(* : average power at 25° C per RF path)
(** RESET : supply voltage time 1sec. max./duty cycle 10%)

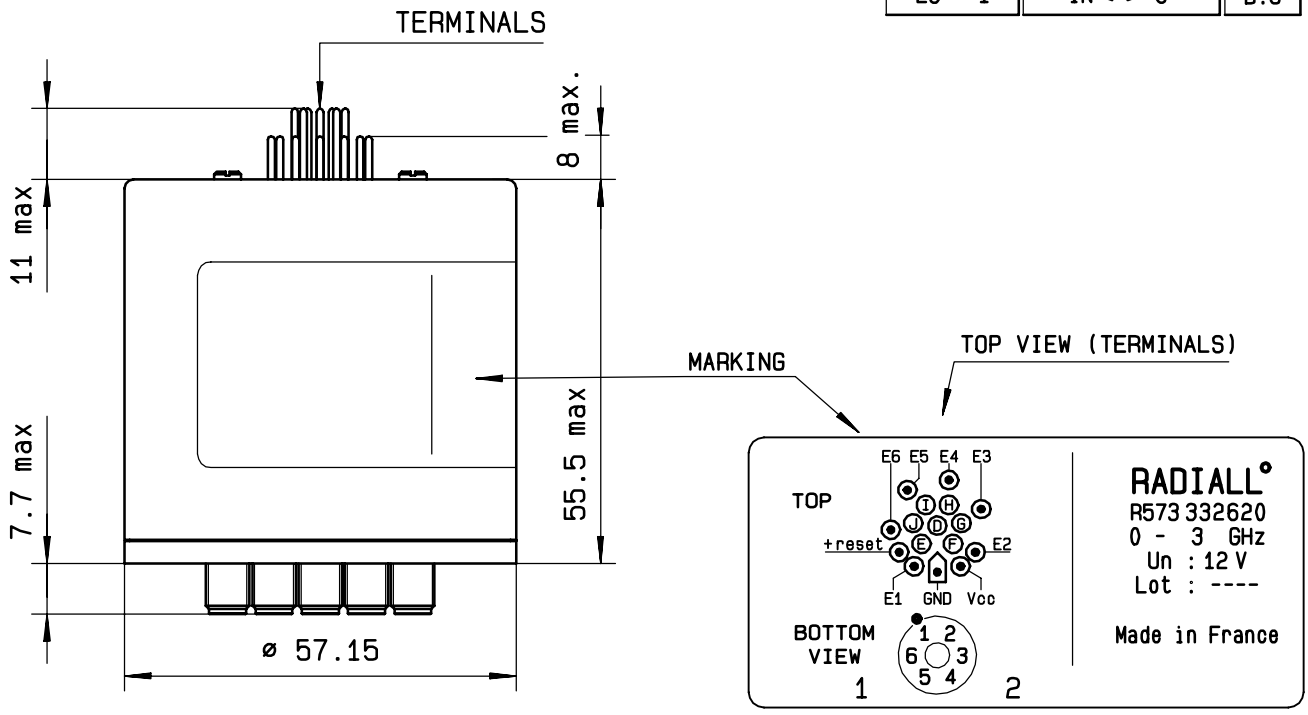
R573 332 620

DRAWING

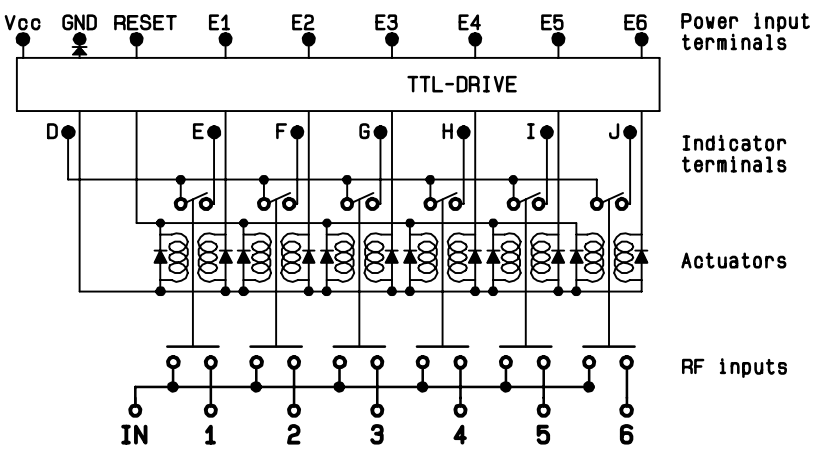
General tolerance: ± 0,5 mm



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



ISSUE 20.Apr.01