50Ω TERMINATED 18 GHz SMA LATCHING S.P.10T. SWITCH

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

R F CHARACTERISTICS

NUMBER OF WAYS : 10
FREQUENCY RANGE : 0 - 18 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4-15.5	15.5- 18
V.S.W.R <=	1.20	1.30	1.40	1.50	1.70
INSERT. LOSS <=	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
ISOLATION >=	80 dB	70 dB	60 dB	60 dB	55 dB
AVER. POWER (*)	240 W	150 W	120 W	110 W	100 W

TERMINATION IMPEDANCE : 50 Ohms
TERMINATION AVG. POWER AT 25° C : 1 W per termination
3 W total power

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25° C (±10%) : 1280 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
TERMINALS : 25 pins D-SUB male connector
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 : SMA female per MIL-C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C) : < 50 ms
CONSTRUCTION : splashproof
WEIGHT : < 360 g

ENVIRONMENTAL CHARACTERISTICS

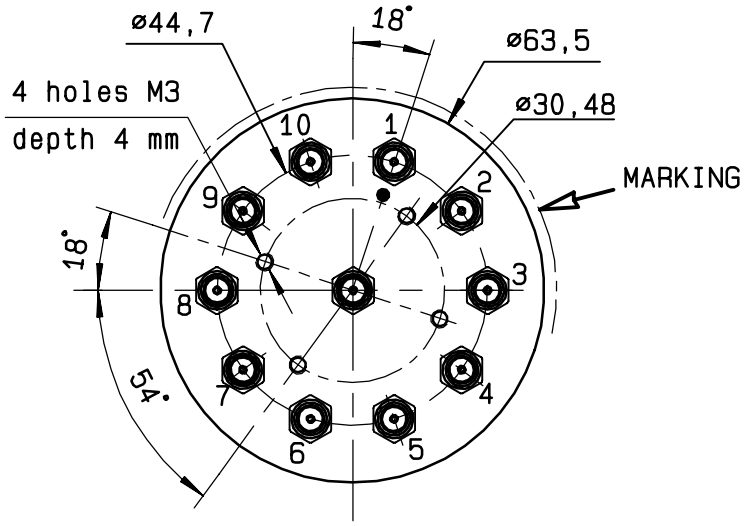
OPERATING TEMPERATURE RANGE (°C) : -40 , +85
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

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

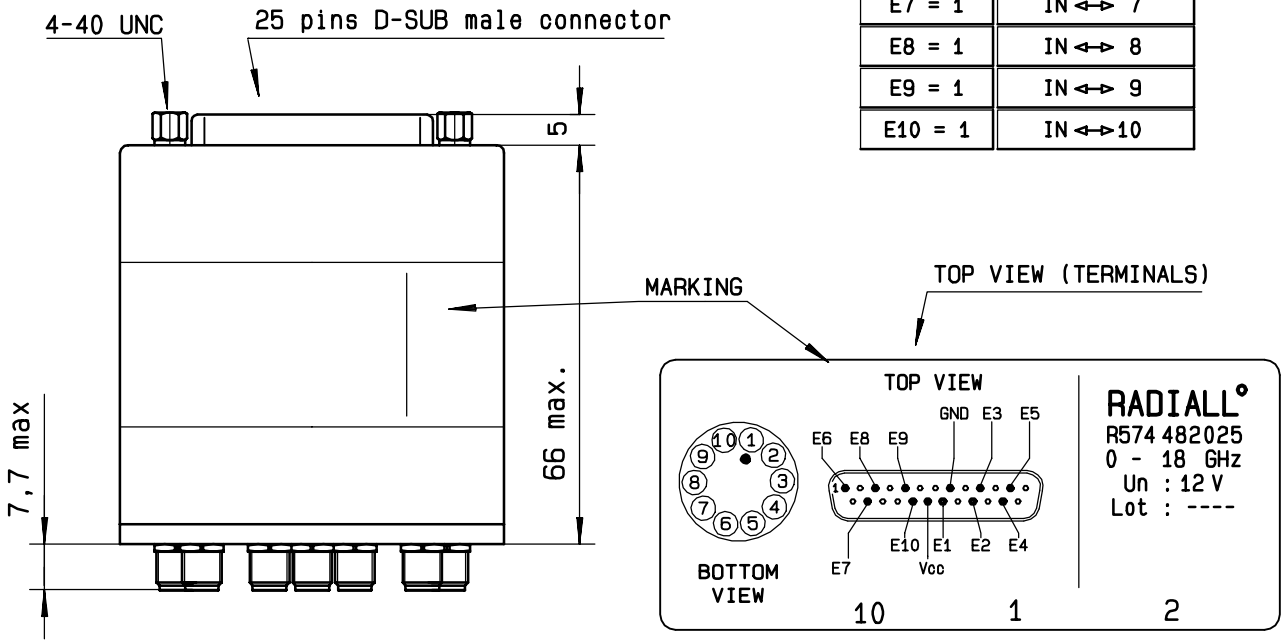
R574.482.025

DRAWING

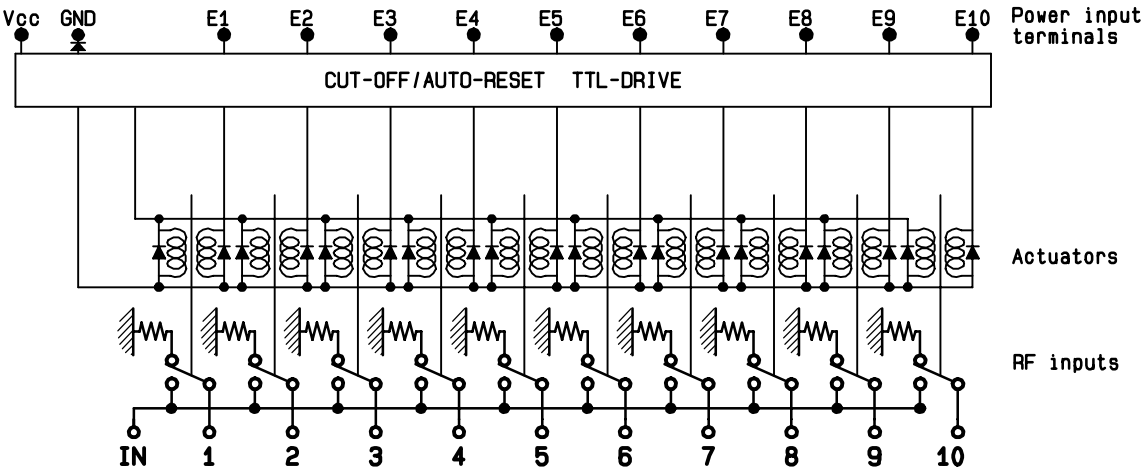
General tolerance: ± 0,5 mm



TTL input	RF continuity
E1 = 1	IN ◄► 1
E2 = 1	IN ◄► 2
E3 = 1	IN ◄► 3
E4 = 1	IN ◄► 4
E5 = 1	IN ◄► 5
E6 = 1	IN ◄► 6
E7 = 1	IN ◄► 7
E8 = 1	IN ◄► 8
E9 = 1	IN ◄► 9
E10 = 1	IN ◄►10



SCHEMATIC DIAGRAM



ISSUE 22.Jan.08