



50Ω TERMINATED 3GHz SMA LATCHING S.P.7 T. SWITCH

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

R F CHARACTERISTICS

NUMBER OF WAYS : 7
 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

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%) : 960 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
 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 : < 280 g

ENVIRONMENTAL CHARACTERISTICS

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

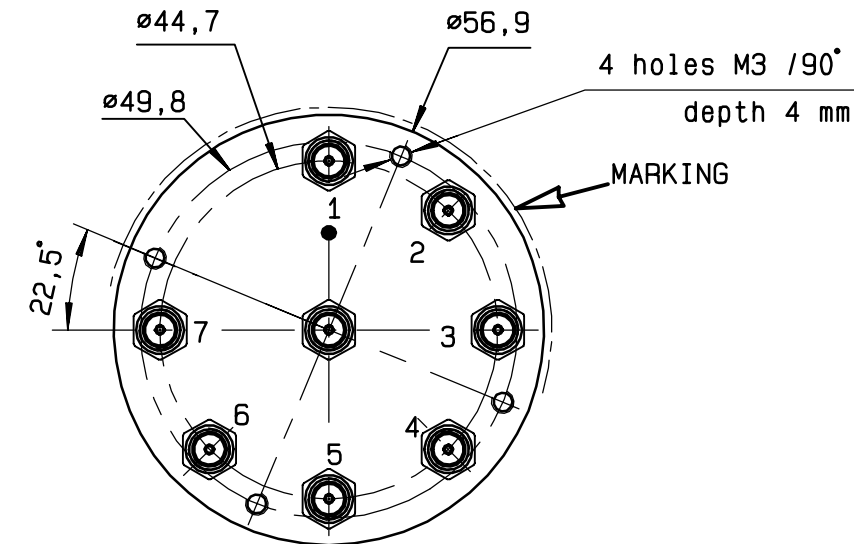
(* : average power at 25° C per RF path)

This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary.

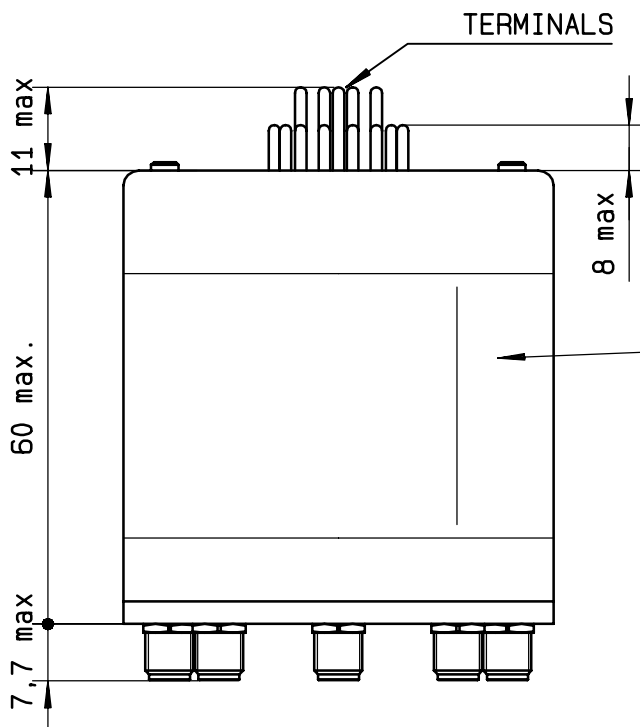
DRAWING

General tolerance: ± 0,5 mm

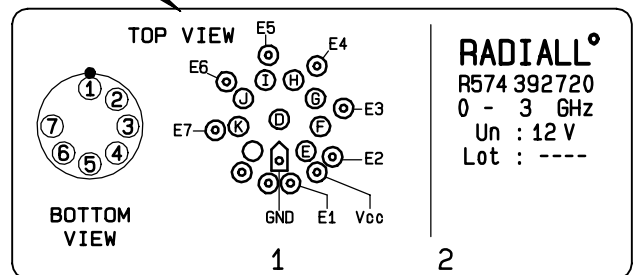
R574 392720



TTL input	RF continuity	Ind.
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
E7 = 1	IN ↔ 7	D.K

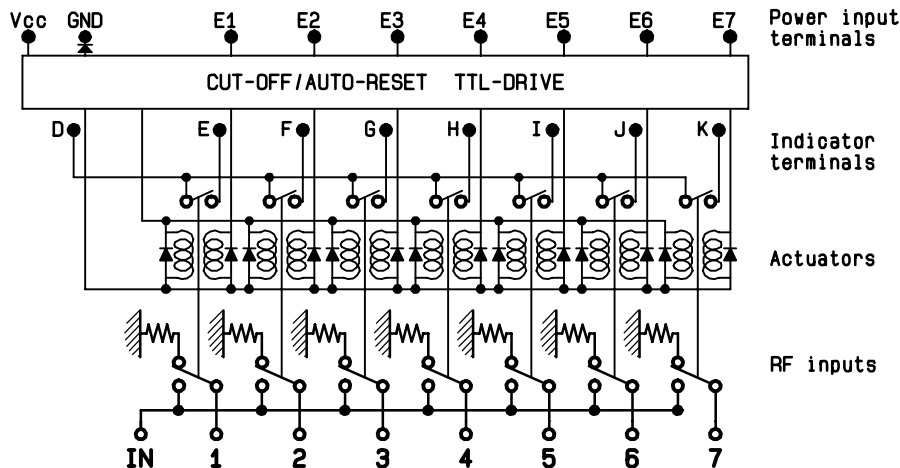


MARKING TOP VIEW (TERMINALS)



RADIALL
 R574 392720
 0 - 3 GHz
 Un : 12 V
 Lot : ----

SCHEMATIC DIAGRAM



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