50Ω TERMINATED 40 GHz SMA2.9 N/O S.P.4 T. SWITCH

OPTIONS:

R F CHARACTERISTICS

NUMBER OF WAYS : 4
FREQUENCY RANGE : 0 - 40 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 6	6 -12.4	12.4- 18	18 -26.5	26.5- 40
V.S.W.R <=	1.30	1.40	1.50	1.70	2.20
INSERT. LOSS <=	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
ISOLATION >=	70 dB	60 dB	60 dB	55 dB	50 dB
AVER. POWER (*)	40 W	30 W	25 W	15 W	5 W

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

ELECTRICAL CHARACTERISTICS

ACTUATOR : NORMALLY OPEN
NOMINAL CURRENT AT 25° C (±10%) : 102 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
TERMINALS : solder pins (250°C max./30 sec.)

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA2.9 fem.per MIL-C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 250 g

ENVIRONMENTAL CHARACTERISTICS

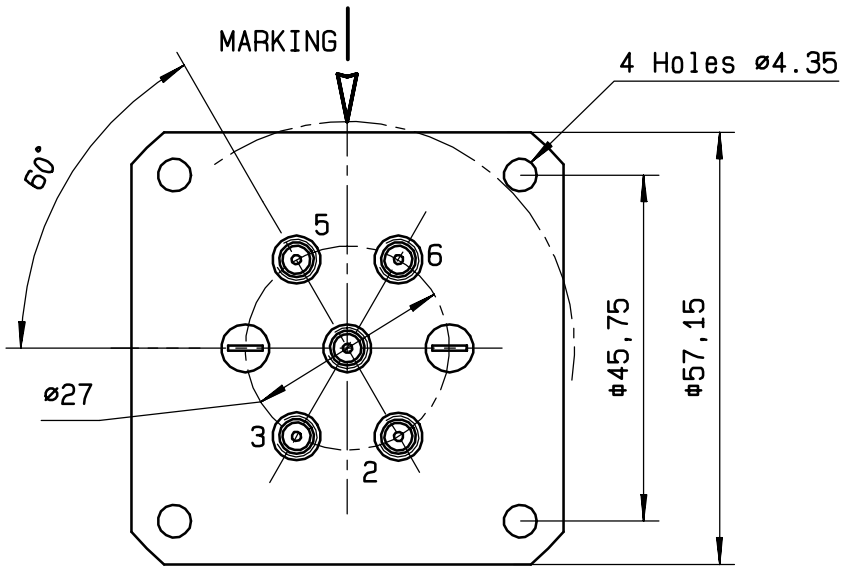
OPERATING TEMPERATURE RANGE (°C) : -40 , +85
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

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

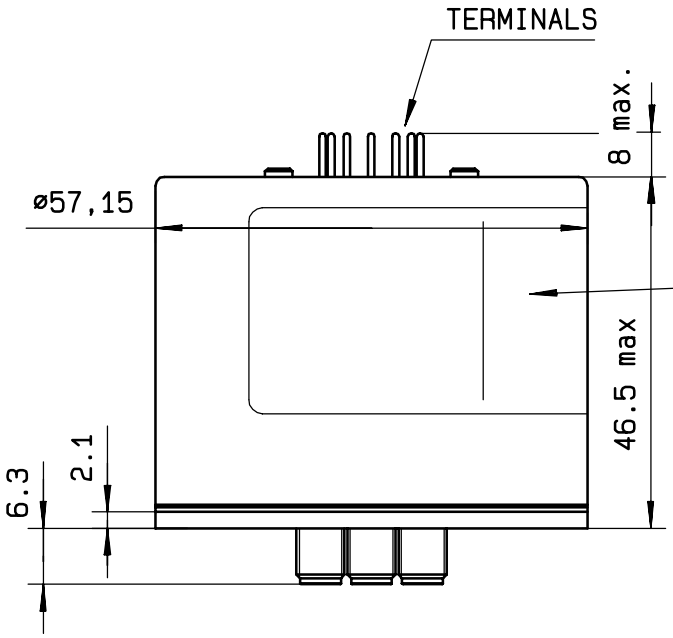
R574.803.410

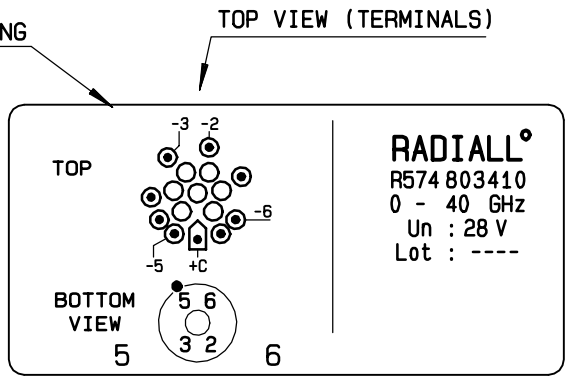
DRAWING

General tolerance: ± 0,5 mm

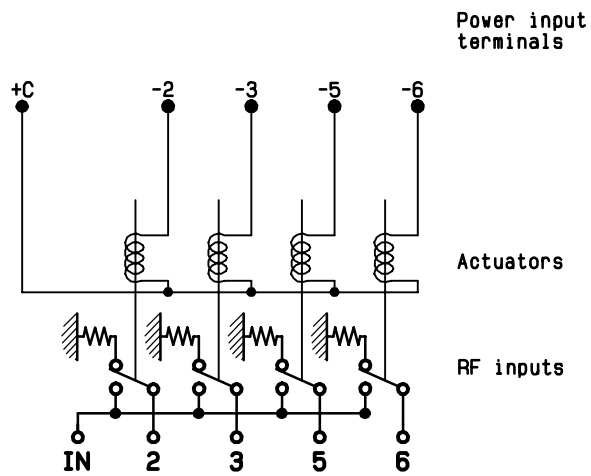


Voltage	RF continuity
+C -2	IN ⟷ 2
+C -3	IN ⟷ 3
+C -5	IN ⟷ 5
+C -6	IN ⟷ 6





SCHEMATIC DIAGRAM



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