RADIALL® Microwave components | TECHNICAL DATA SHEET | R574413845

50Ω TERMINATED 18GHz SMA N/O S.P.8T. SWITCH

OPTIONS: INDICATOR /SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 8
FREQUENCY RANGE : 0 - 18 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 -12.4	12.4- 16	16 - 18
V.S.W.R <=	1.20	1.30	1.40	1.50	1.60
INSERT. LOSS <=	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB
ISOLATION >=	80 dB	70 dB	60 dB	60 dB	60 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 : NORMALLY OPEN
NOMINAL CURRENT AT 25°C (±10%) : 102 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / POSITIVE COMMON
TERMINALS : 25 pins D-SUB male connector
INDICATOR RATING : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL-C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25°C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 280 g

ENVIRONMENTAL CHARACTERISTICS

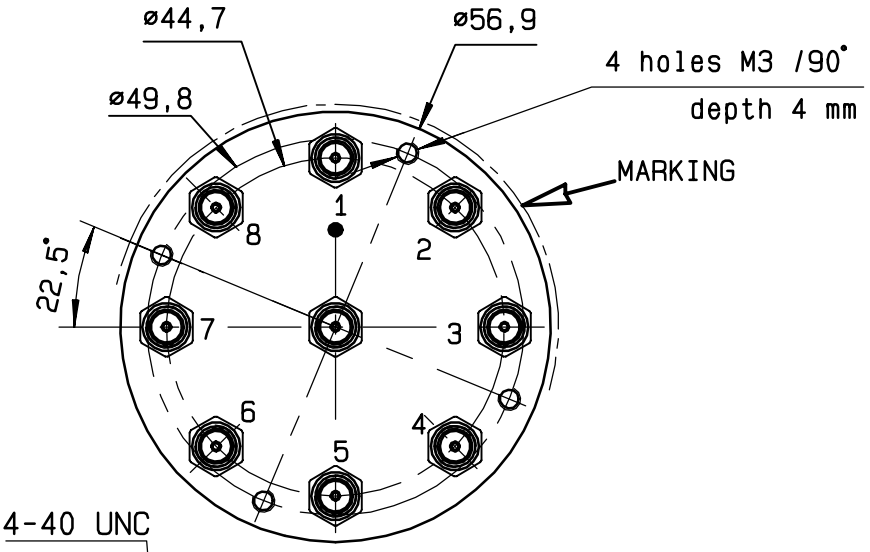
OPERATING TEMPERATURE RANGE (°C) : -40 , +85
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

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

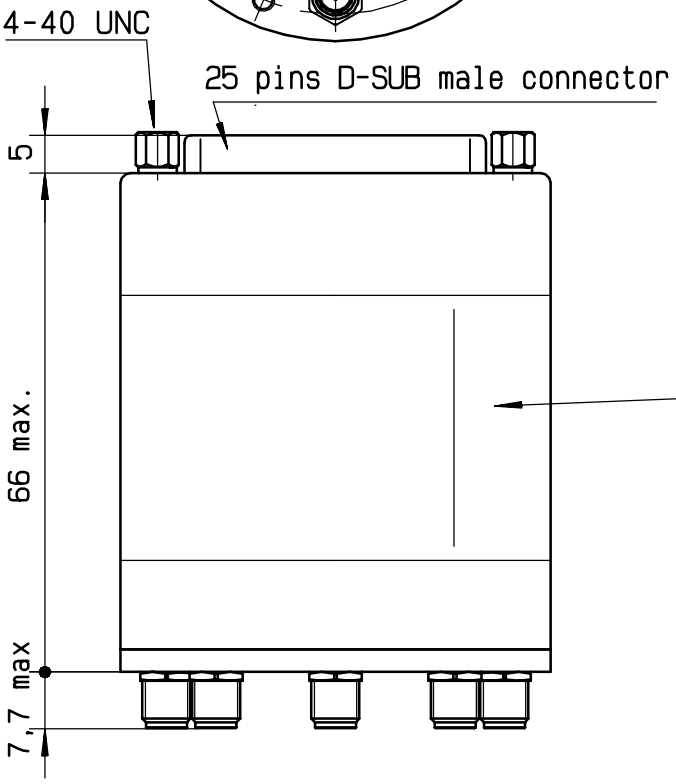
R574 413 845

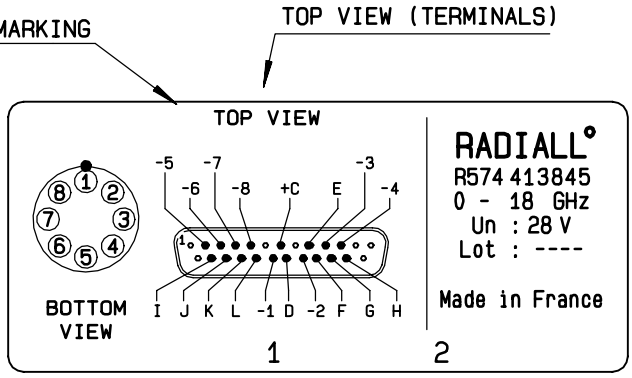
DRAWING

General tolerance: ± 0,5 mm

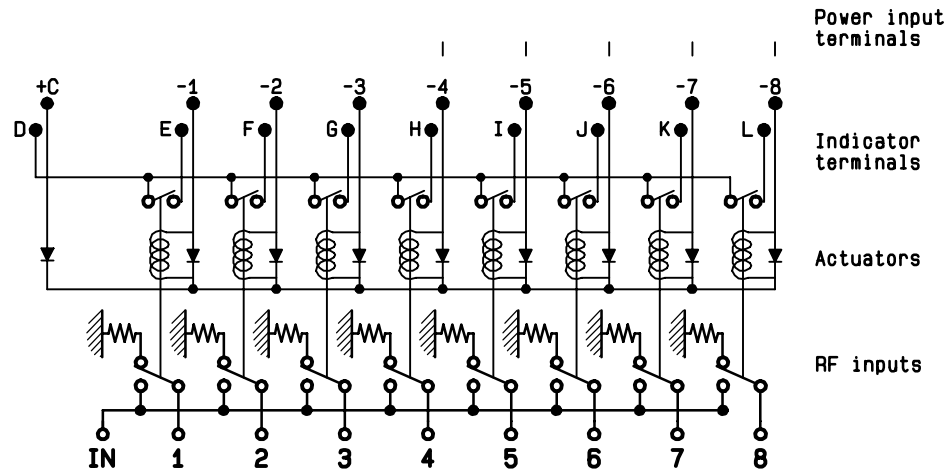


Voltage	RF continuity	Ind.
+C -1	IN ◄► 1	D.E
+C -2	IN ◄► 2	D.F
+C -3	IN ◄► 3	D.G
+C -4	IN ◄► 4	D.H
+C -5	IN ◄► 5	D.I
+C -6	IN ◄► 6	D.J
+C -7	IN ◄► 7	D.K
+C -8	IN ◄► 8	D.L





SCHEMATIC DIAGRAM



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