



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

OPTIONS:

R F CHARACTERISTICS

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

FREQUENCY (GHz)	0 - 3	3 - 8
V.S.W.R <=	1.30	1.50
INSERT. LOSS <=	0.30 dB	0.50 dB
ISOLATION >=	80 dB	70 dB
AVER. POWER (*)	400 W	250 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%) : 250 mA
 ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
 TERMINALS : 25 pins D-SUB male connector

MECHANICAL CHARACTERISTICS

CONNECTORS : N female per MIL-C 39012
 LIFE : 2.000.000 cycles per position
 SWITCHING TIME (nominal voltage;25° C) : < 15 ms
 CONSTRUCTION : splashproof
 WEIGHT : < 680 g

ENVIRONMENTAL CHARACTERISTICS

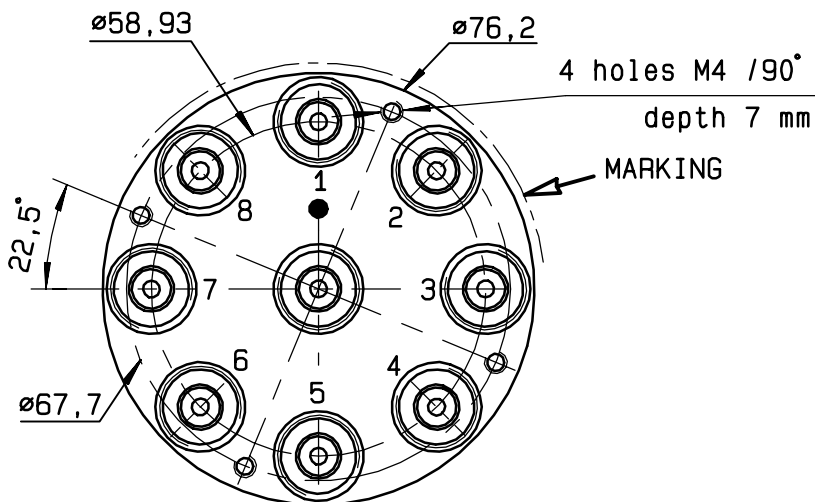
OPERATING TEMPERATURE RANGE (°C) : -40 , +85
 STORAGE TEMPERATURE RANGE (°C) : -55 , +85

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

(*** : V.S.W.R values are not applicable for internal terminations)

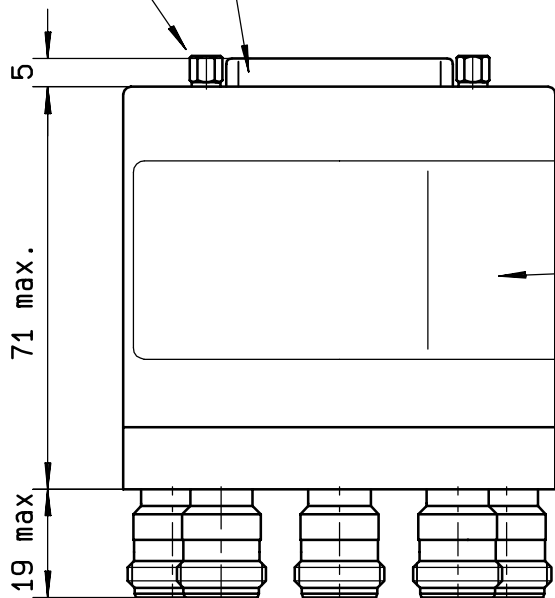
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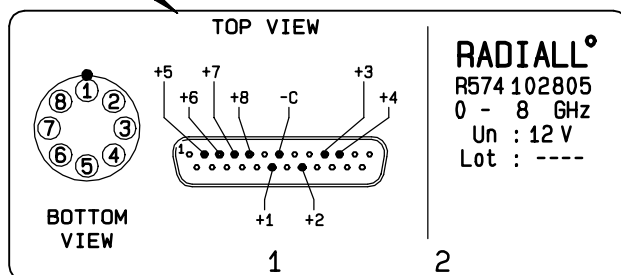


Voltage	RF continuity
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6
-C +7	IN ↔ 7
-C +8	IN ↔ 8

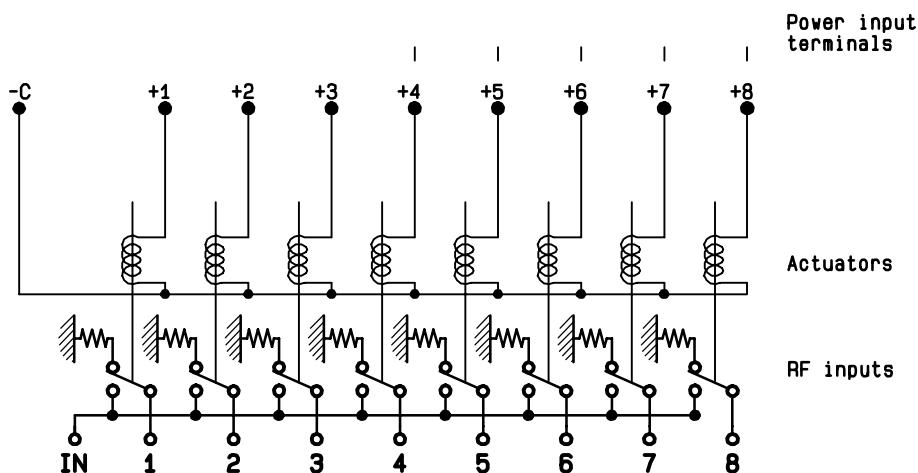
4-40 UNC
25 pins D-SUB male connector



MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



Power input terminals

Actuators

RF inputs

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