

4112-9212 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



50 Ω TERMINATED 12.4 GHz SMA N/O S.P.12T. SWITCH

Page
1 / 2

OPTIONS:

R F CHARACTERISTICS

NUMBER OF WAYS : 12
FREQUENCY RANGE : 0 - 12.4 GHz
IMPEDANCE : 50 Ohms

FREQUENCY (GHz)	0 - 3	3 - 8	8 - 12.4
V.S.W.R <=	1.20	1.40	1.80
INSERT. LOSS <=	0.20 dB	0.35 dB	0.70 dB
ISOLATION >=	80 dB	70 dB	60 dB
AVER. POWER (*)	240 W	150 W	120 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.)

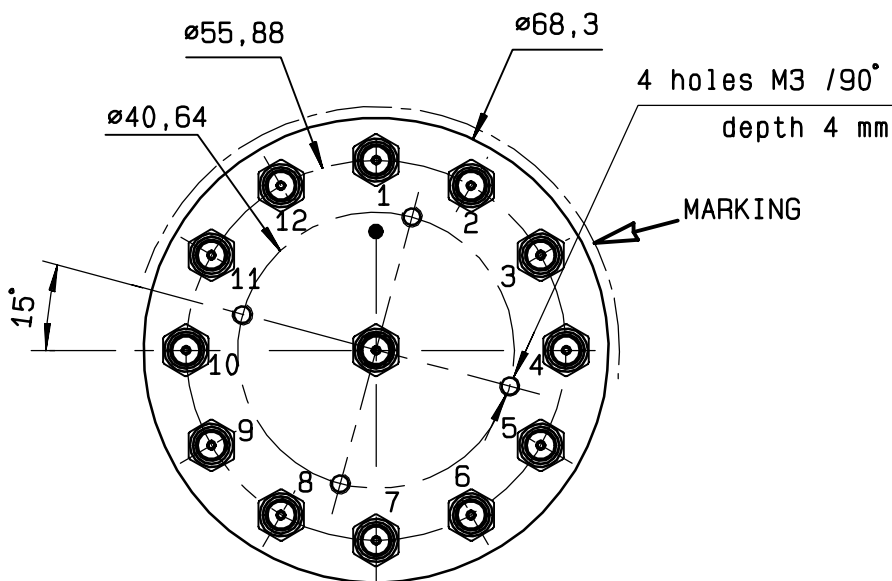
MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL-C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 400 g

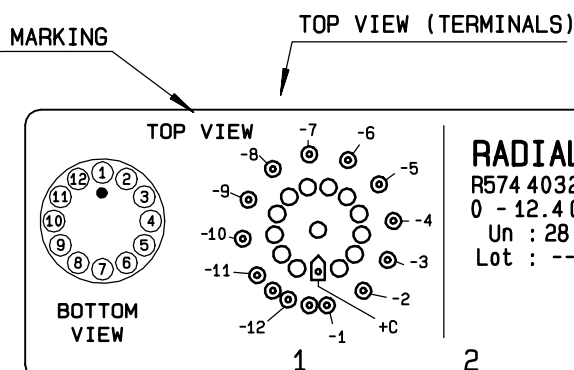
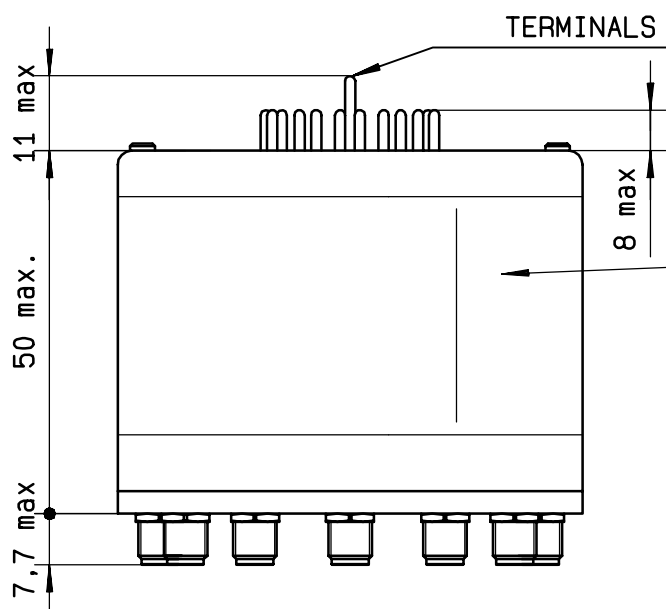
ENVIRONMENTAL CHARACTERISTICS

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

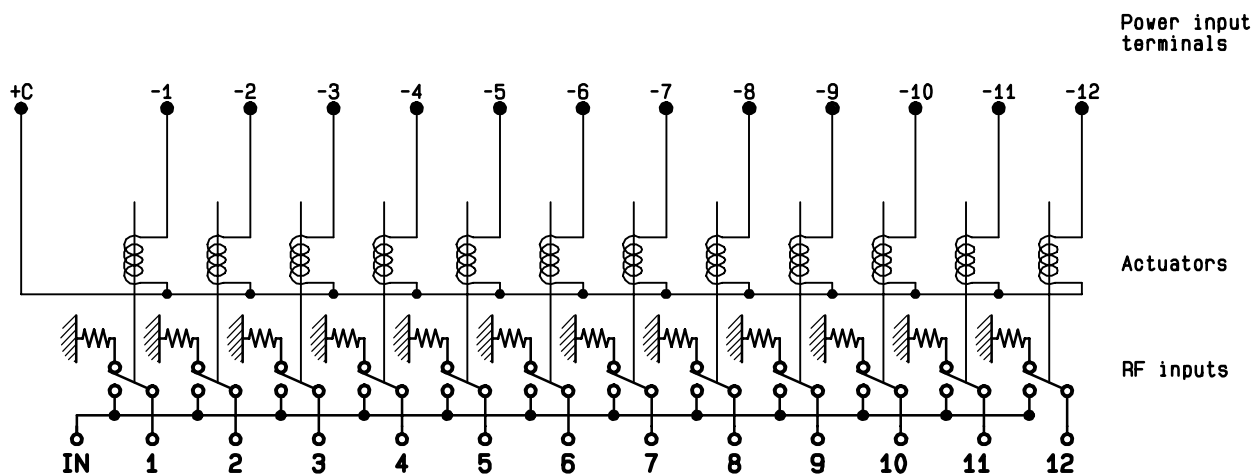
(* : average power at 25° C per RF path)



Voltage	RF continuity
+C -1	IN $\longleftrightarrow$ 1
+C -2	IN $\longleftrightarrow$ 2
+C -3	IN $\longleftrightarrow$ 3
+C -4	IN $\longleftrightarrow$ 4
+C -5	IN $\longleftrightarrow$ 5
+C -6	IN $\longleftrightarrow$ 6
+C -7	IN $\longleftrightarrow$ 7
+C -8	IN $\longleftrightarrow$ 8
+C -9	IN $\longleftrightarrow$ 9
+C -10	IN $\longleftrightarrow$ 10
+C -11	IN $\longleftrightarrow$ 11
+C -12	IN $\longleftrightarrow$ 12



SCHEMATIC DIAGRAM



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

R574403210