

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



3 GHz N LATCHING S.P.8 T. SWITCH

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OPTIONS : /SELF CUT-OFF /AUTO RESET /BCD DECODER /SUPP.DIODES

RF CHARACTERISTICS

NUMBER OF WAYS : 8
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 (*)	400 W

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
NOMINAL CURRENT AT 25°C (±10%) : 375 mA
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
TERMINALS : solder pins (250 deg.C max./30 sec.)
SELF CUT-OFF TIME : 40 ms < CT < 120 ms
BCD INPUTS (E) - High level : 3.5 to 5.5V / 800µA at 5V
- Low level : 0 to 1.5V / 20µA at 0.8V

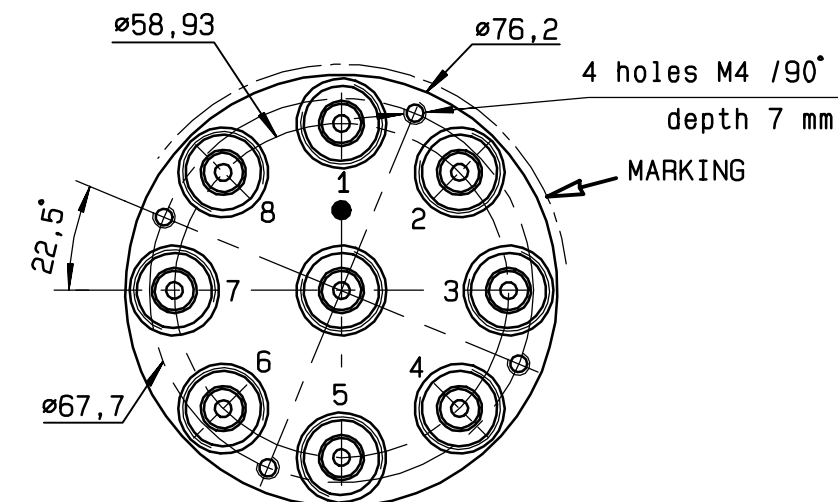
MECHANICAL CHARACTERISTICS

CONNECTORS : N female per MIL-C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25°C) : < 50 ms
CONSTRUCTION : splashproof
WEIGHT : < 680 g

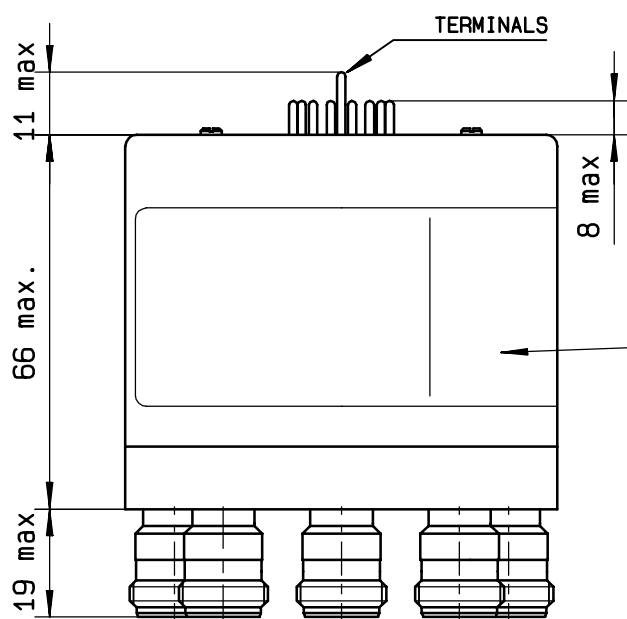
ENVIRONMENTAL CHARACTERISTICS

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

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

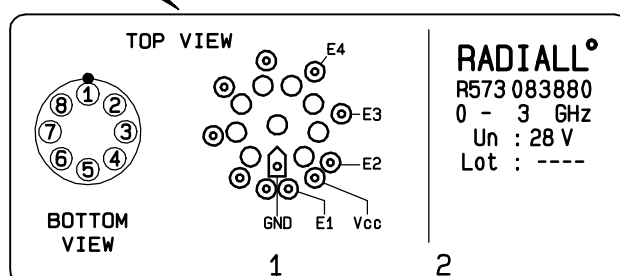


BCD TRUTH TABLE				
E4	E3	E2	E1	RF continuity
0	0	0	0	ALL PORTS OPEN (FORCED RESET)
0	0	0	1	IN $\leftrightarrow$ 1
0	0	1	0	IN $\leftrightarrow$ 2
0	0	1	1	IN $\leftrightarrow$ 3
0	1	0	0	IN $\leftrightarrow$ 4
0	1	0	1	IN $\leftrightarrow$ 5
0	1	1	0	IN $\leftrightarrow$ 6
0	1	1	1	IN $\leftrightarrow$ 7
1	0	0	0	IN $\leftrightarrow$ 8



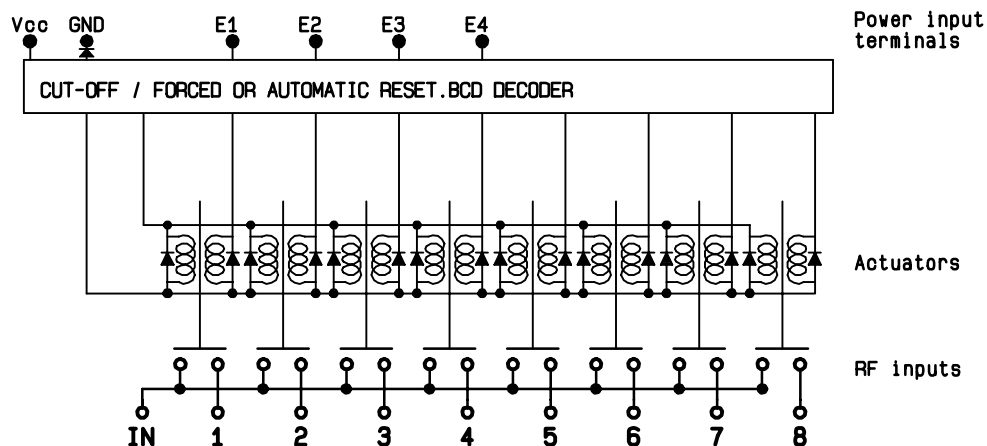
MARKING

TOP VIEW (TERMINALS)



RADIAL
R573 083880
0 - 3 GHz
Un : 28 V
Lot : ----

SCHEMATIC DIAGRAM

Power input
terminals

Actuators

RF inputs