

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



40 GHz SMA-2.9 N/O S.P.3 T. SWITCH

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OPTIONS : / TTL DRIVE /SUPP.DIODES

RF CHARACTERISTICS

NUMBER OF WAYS : 3
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

ELECTRICAL CHARACTERISTICS

ACTUATOR : NORMALLY OPEN
NOMINAL CURRENT AT 25° C (±10%) : 250 mA
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON
TERMINALS : solder pins (250°C max./30 sec.)
TTL INPUTS (E) - High level : 2.2 to 5.5V / 800µA at 5V
- Low level : 0 to 0.8V / 20µA at 0.8V

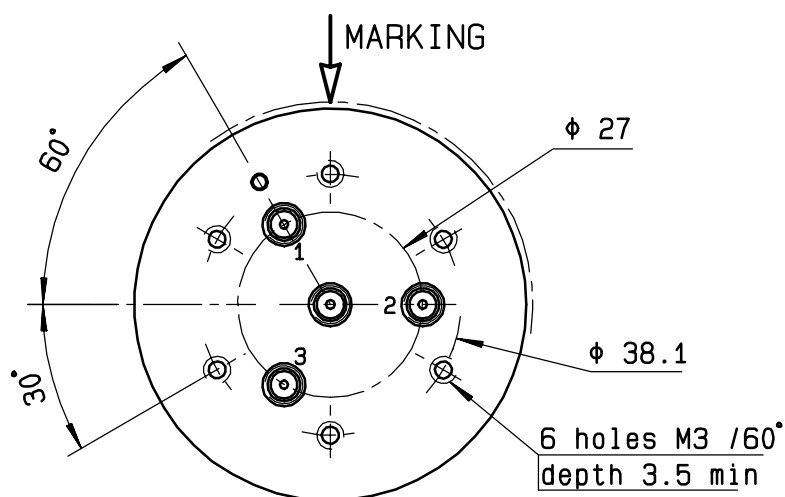
MECHANICAL CHARACTERISTICS

CONNECTORS : SMA 2.9 fem.per MIL C 39012
LIFE : 2.000.000 cycles per position
SWITCHING TIME (nominal voltage;25° C) : < 15 ms
CONSTRUCTION : splashproof
WEIGHT : < 220 g

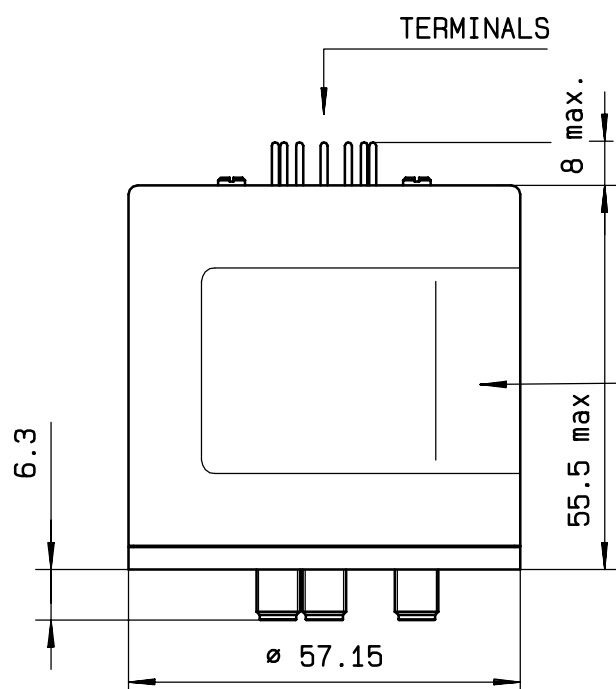
ENVIRONMENTAL CHARACTERISTICS

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

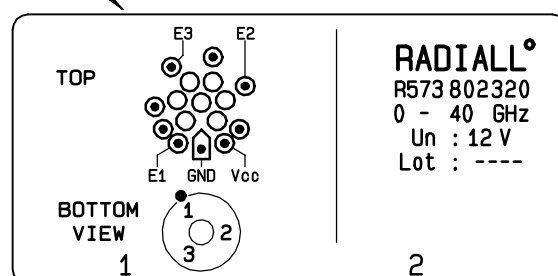
(* : average power at 25° C per RF path)



TTL input	RF continuity
E1 = 1	IN $\leftrightarrow$ 1
E2 = 1	IN $\leftrightarrow$ 2
E3 = 1	IN $\leftrightarrow$ 3



MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM

