



26.5 GHz SMA-2.9 N/O S.P.5 T. SWITCH

OPTIONS : INDICATOR / TTL DRIVE / SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 5
 FREQUENCY RANGE : 0 - 26.5 GHz
 IMPEDANCE : 50 Ohms

| | | | | |
|-----------------|---------|---------|----------|----------|
| FREQUENCY (GHz) | 0 - 6 | 6 -12.4 | 12.4- 18 | 18 -26.5 |
| V.S.W.R <= | 1.30 | 1.40 | 1.50 | 1.70 |
| INSERT. LOSS <= | 0.20 dB | 0.40 dB | 0.50 dB | 0.70 dB |
| ISOLATION >= | 70 dB | 60 dB | 60 dB | 55 dB |
| AVER. POWER (*) | 40 W | 30 W | 25 W | 15 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.)
 INDICATOR RATING : 1 W / 30 V / 100 mA
 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

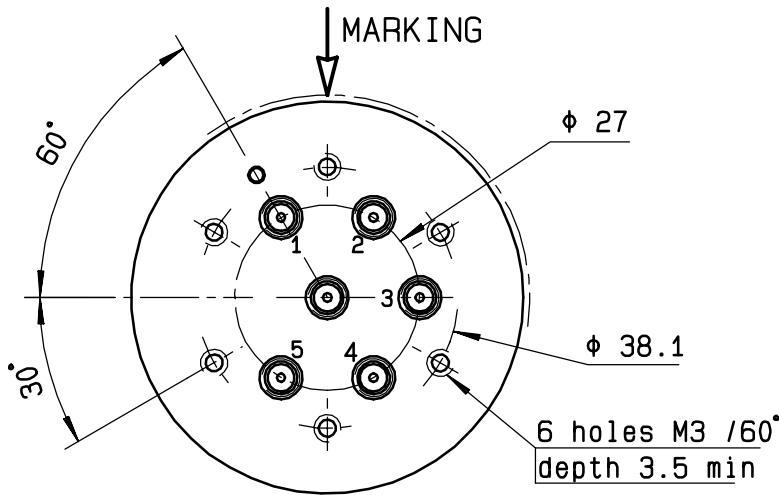
(* : average power at 25° C per RF path)

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

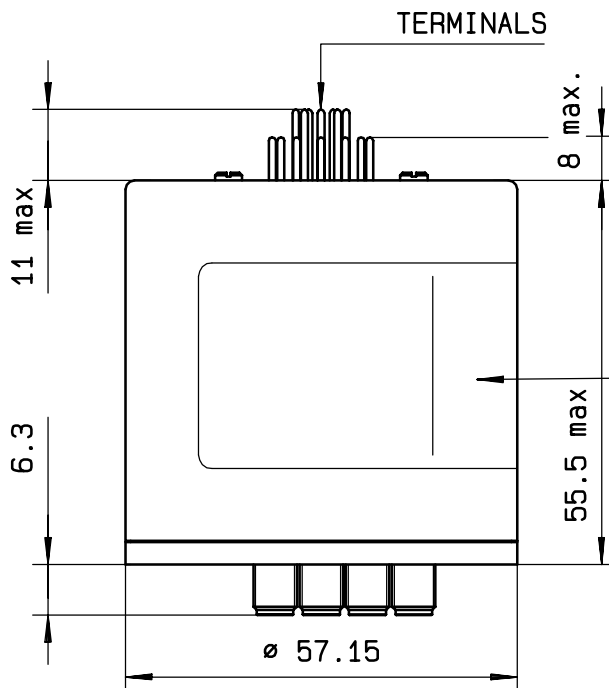
DRAWING

General tolerance: ± 0,5 mm

R573 712520

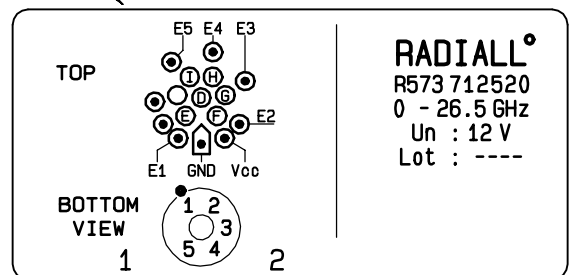


| TTL input | RF continuity | Ind. |
|-----------|---------------|------|
| E1 = 1 | IN ↔ 1 | D.E |
| E2 = 1 | IN ↔ 2 | D.F |
| E3 = 1 | IN ↔ 3 | D.G |
| E4 = 1 | IN ↔ 4 | D.H |
| E5 = 1 | IN ↔ 5 | D.I |

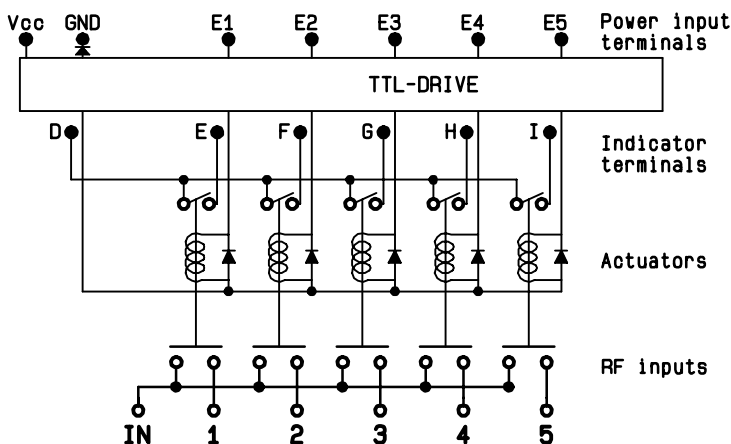


MARKING

TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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

4113-9212