



3 GHz SMA N/O S.P.10T. SWITCH

OPTIONS : INDICATOR / TTL DRIVE / SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 10
 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 (*) | 240 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 : 25 pins D-SUB male connector
 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

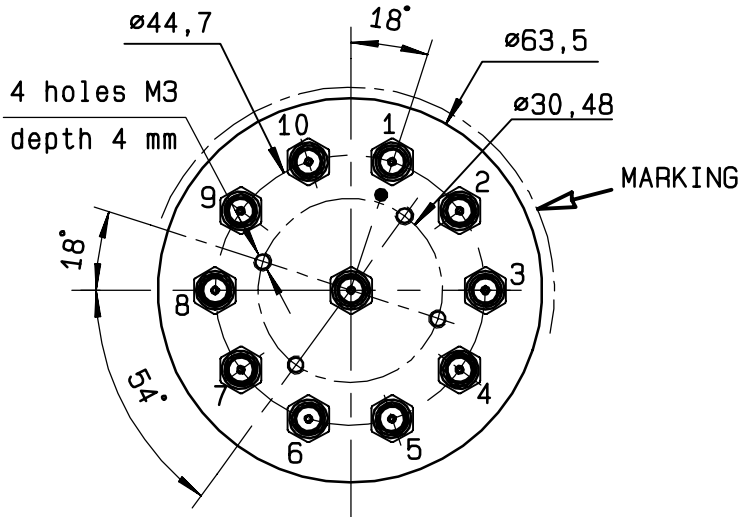
CONNECTORS : SMA female per MIL-C 39012
 LIFE : 2.000.000 cycles per position
 SWITCHING TIME (nominal voltage;25° C) : < 15 ms
 CONSTRUCTION : splashproof
 WEIGHT : < 360 g

ENVIRONMENTAL CHARACTERISTICS

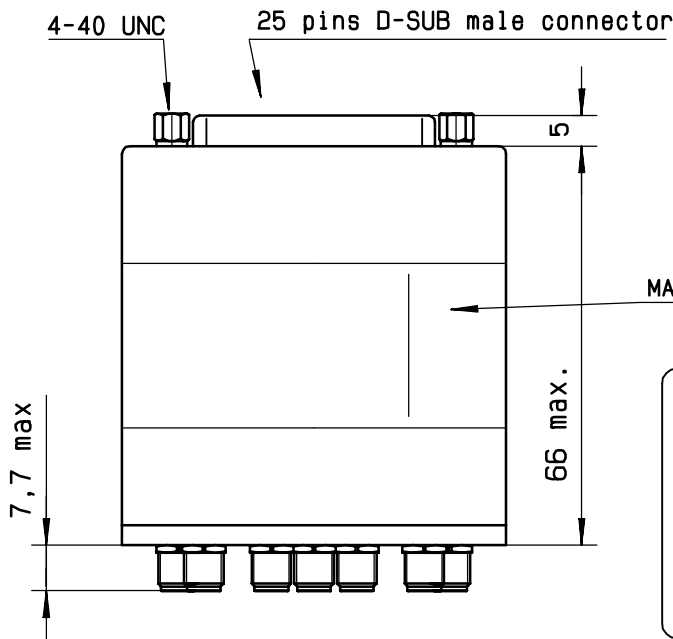
OPERATING TEMPERATURE RANGE (°C) : -40 , +85
 STORAGE TEMPERATURE RANGE (°C) : -55 , +85

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

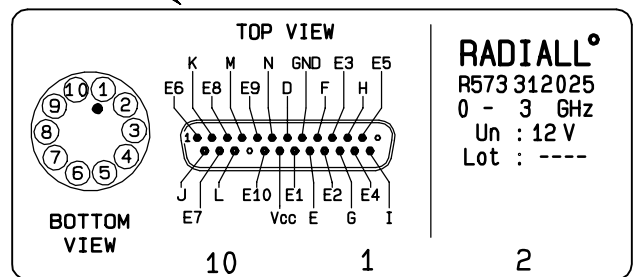
This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary



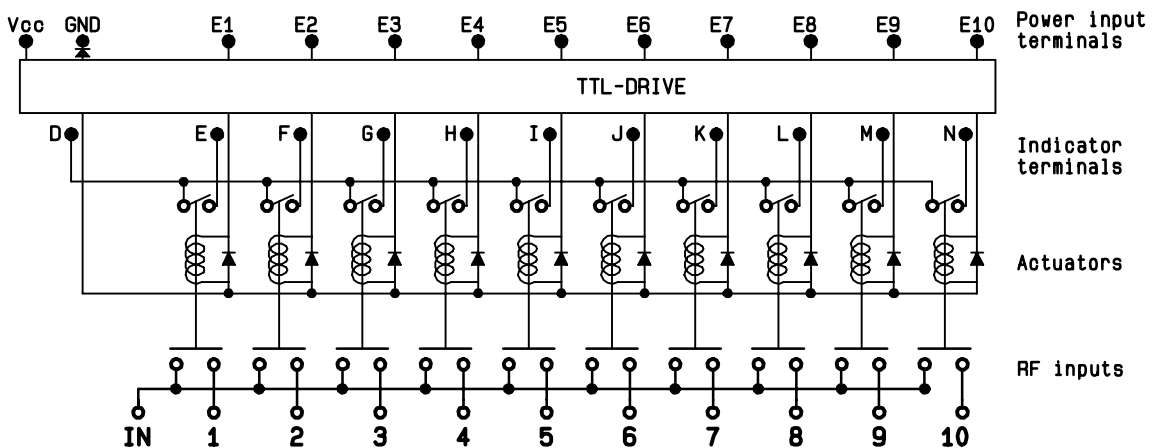
| TTL input | RF continuity | Ind. |
|-----------|---------------|------|
| E1 = 1 | IN ↔ 1 | D.E |
| E2 = 1 | IN ↔ 2 | D.F |
| E3 = 1 | IN ↔ 3 | D.G |
| E4 = 1 | IN ↔ 4 | D.H |
| E5 = 1 | IN ↔ 5 | D.I |
| E6 = 1 | IN ↔ 6 | D.J |
| E7 = 1 | IN ↔ 7 | D.K |
| E8 = 1 | IN ↔ 8 | D.L |
| E9 = 1 | IN ↔ 9 | D.M |
| E10 = 1 | IN ↔ 10 | D.N |



MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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