



12.4 GHz N LATCHING S.P.6 T. SWITCH

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

R F CHARACTERISTICS

NUMBER OF WAYS : 6
 FREQUENCY RANGE : 0 - 12.4 GHz
 IMPEDANCE : 50 Ohms

| | | | |
|-----------------|---------|---------|---------|
| FREQUENCY (GHz) | 0 - 3 | 3 - 8 | 8 -12.4 |
| V.S.W.R <= | 1.20 | 1.35 | 1.50 |
| INSERT. LOSS <= | 0.20 dB | 0.35 dB | 0.50 dB |
| ISOLATION >= | 80 dB | 70 dB | 60 dB |
| AVER. POWER (*) | 400 W | 250 W | 200 W |

ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING
 NOMINAL CURRENT AT 25° C (±10%) : 960 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
 SELF CUT-OFF TIME : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

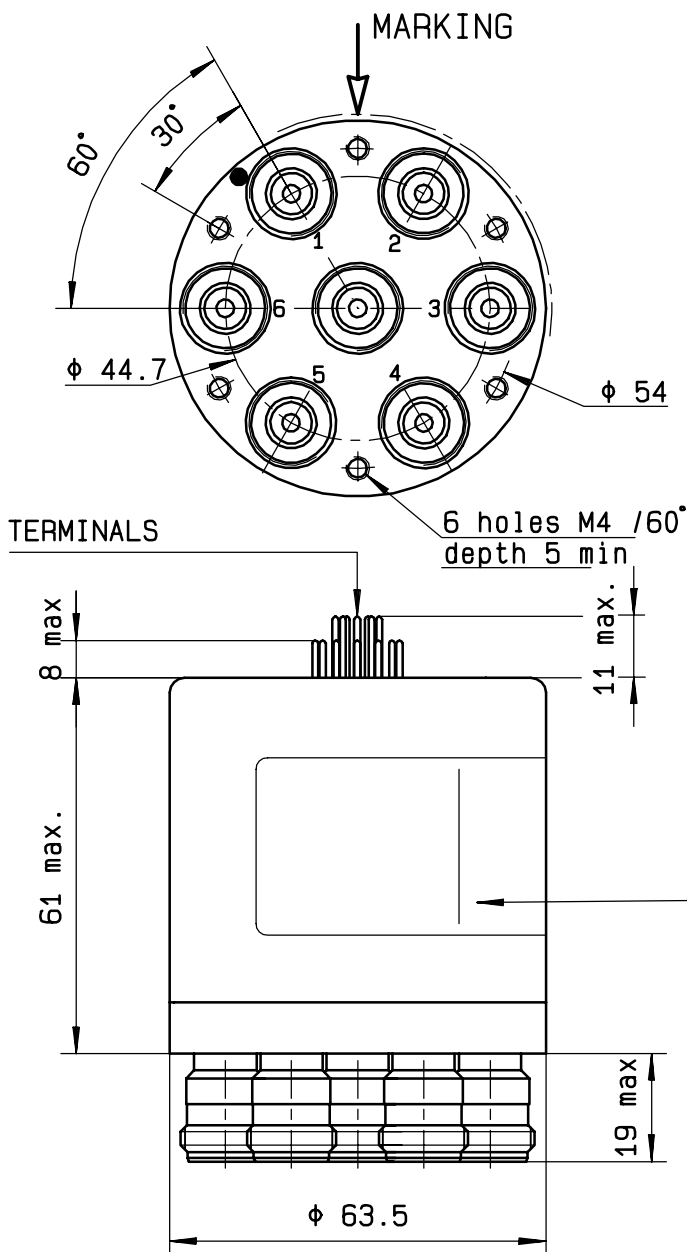
CONNECTORS : N female per MIL C 39012
 LIFE : 2.000.000 cycles per position
 SWITCHING TIME (nominal voltage;25° C) : < 40 ms
 CONSTRUCTION : splashproof
 WEIGHT : < 460 g

ENVIRONMENTAL CHARACTERISTICS

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

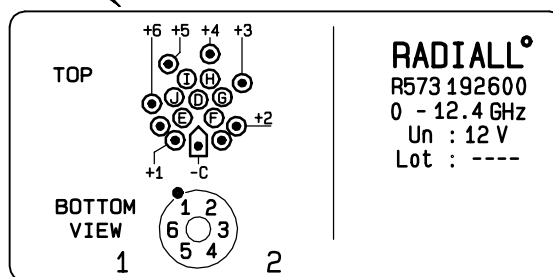
(* : average power at 25° C per RF path)

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

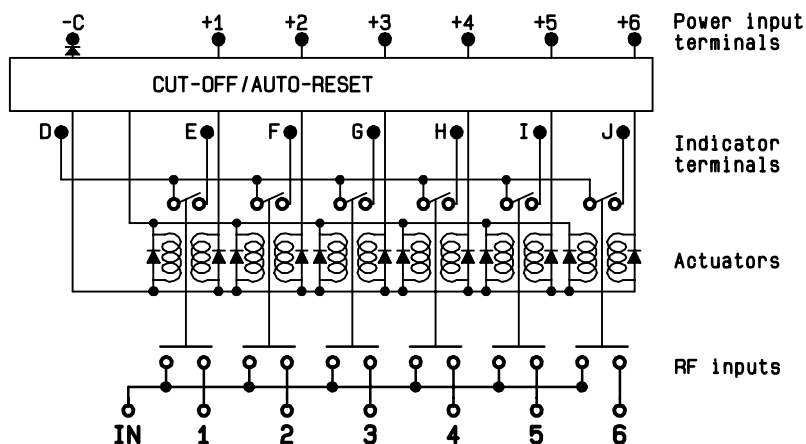


| Voltage | RF continuity | Ind. |
|---------|---------------|------|
| -C +1 | IN ↔ 1 | D.E |
| -C +2 | IN ↔ 2 | D.F |
| -C +3 | IN ↔ 3 | D.G |
| -C +4 | IN ↔ 4 | D.H |
| -C +5 | IN ↔ 5 | D.I |
| -C +6 | IN ↔ 6 | D.J |

MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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