



26.5 GHz SMA-2.9 LATCHING S.P.6 T. SWITCH

OPTIONS : /SELF CUT-OFF /SUPP.DIODES

R F CHARACTERISTICS

NUMBER OF WAYS : 6
 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 : LATCHING
 NOMINAL CURRENT AT 25° C (±10%) : 125 mA / RESET : 750 mA
 ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
 TERMINALS : 25 pins D-SUB male connector
 SELF CUT-OFF TIME : 40 ms < CT < 120 ms

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)

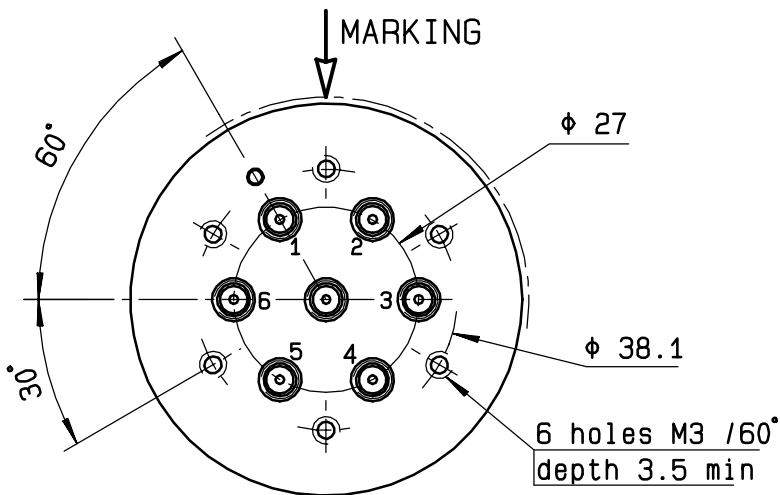
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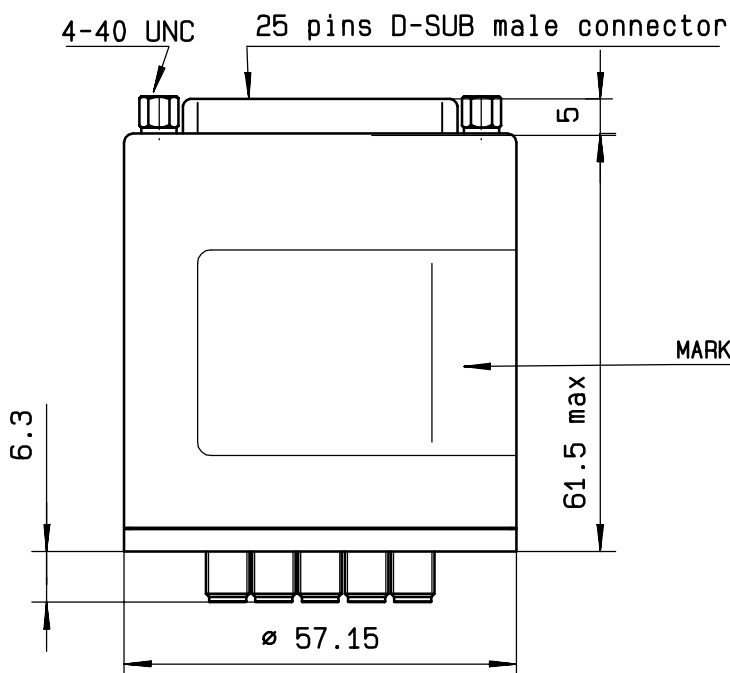
DRAWING

General tolerance: ± 0,5 mm

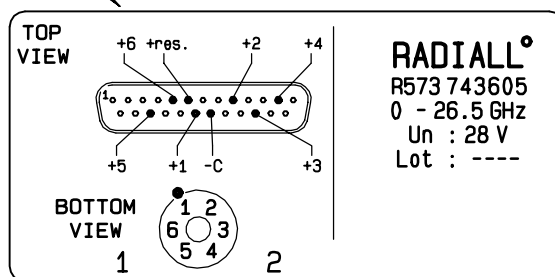
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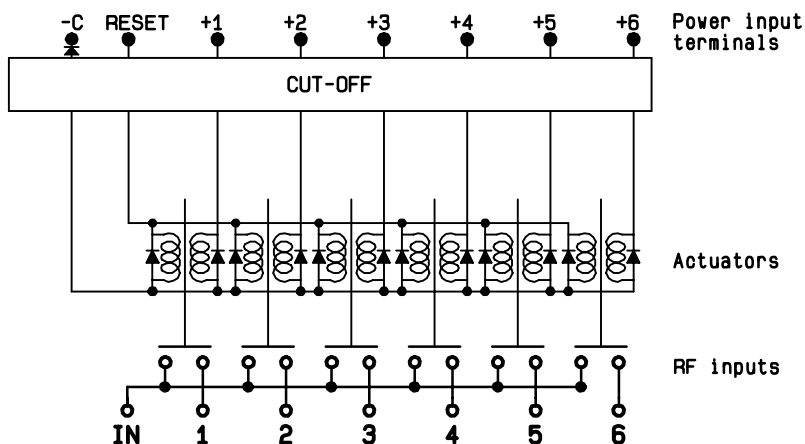
| Voltage | RF continuity |
|-----------|----------------|
| -C +RESET | All ports open |
| -C +1 | IN ↔ 1 |
| -C +2 | IN ↔ 2 |
| -C +3 | IN ↔ 3 |
| -C +4 | IN ↔ 4 |
| -C +5 | IN ↔ 5 |
| -C +6 | IN ↔ 6 |



MARKING TOP VIEW (TERMINALS)



SCHEMATIC DIAGRAM



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