

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



18 GHz

SMA

LATCHING

TRANSFER

SWITCH

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OPTIONS: INDICATOR /SELF CUT-OFF

### R F CHARACTERISTICS

FREQUENCY RANGE : 0 - 18 GHz

IMPEDANCE : 50 Ohms

| FREQUENCY (GHz) | 0 - 3      | 3 - 8   | 8 -12.4 | 12.4- 18 |
|-----------------|------------|---------|---------|----------|
| V.S.W.R         | <= 1.20    | 1.30    | 1.40    | 1.50     |
| INSERT. LOSS    | <= 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB  |
| ISOLATION       | >= 80 dB   | 70 dB   | 65 dB   | 60 dB    |
| AVER. POWER (*) | 240 W      | 150 W   | 120 W   | 100 W    |

### ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING  
NOMINAL CURRENT AT 25°C (±10%) : 125 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / POSITIVE COMMON  
TERMINALS : D-sub 9 pins  
INDICATOR RATING : 1 W / 30 V / 100 mA  
SELF CUT-OFF TIME : 40 ms < CT < 120 ms

### MECHANICAL CHARACTERISTICS

CONNECTORS : SMA female per MIL C 39012  
LIFE : 2.500.000 cycles  
SWITCHING TIME (nominal voltage;25°C) : < 15 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 100 g

### ENVIRONMENTAL CHARACTERISTICS

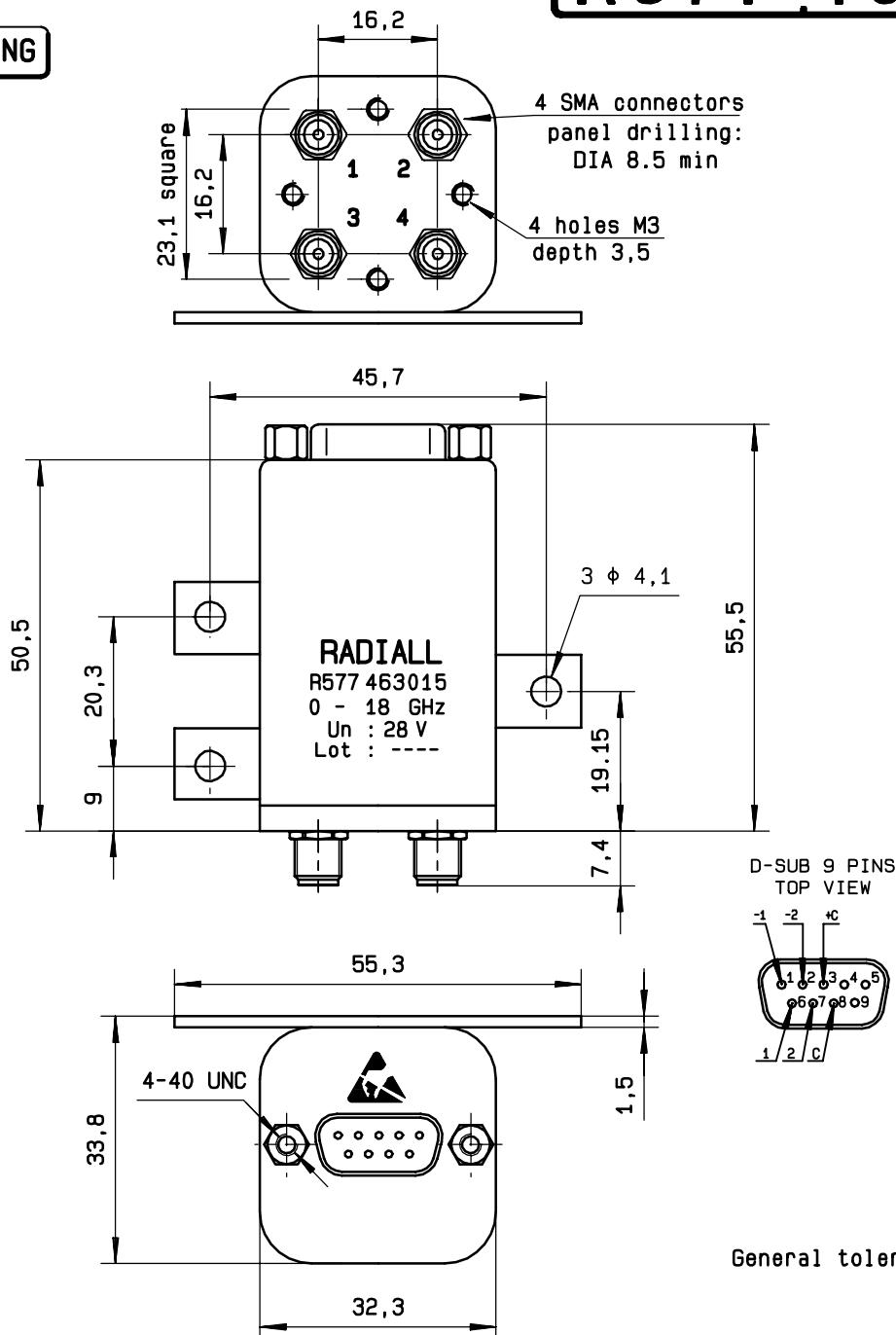
OPERATING TEMPERATURE RANGE (°C) : -40 , +85  
STORAGE TEMPERATURE RANGE (°C) : -55 , +85

(\* : average power at 25°C)

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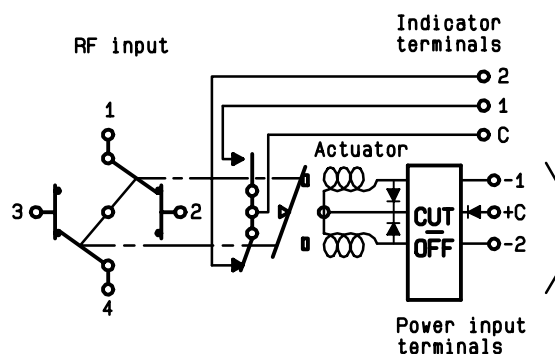
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## DRAWING



## SCHEMATIC DIAGRAM

| Voltage | RF continuity | Indicator |
|---------|---------------|-----------|
| + C - 1 | 1 ↔ 3 2 ↔ 4   | C . 1     |
| + C - 2 | 1 ↔ 2 3 ↔ 4   | C . 2     |



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