



26.5 GHz

SMA

FAILSAFE

TRANSFER

SWITCH

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OPTIONS: / TTL DRIVE

### R F CHARACTERISTICS

FREQUENCY RANGE

: 0 - 26.5 GHz

IMPEDANCE

: 50 Ohms

| FREQUENCY (GHz) | 0 - 3      | 3 - 8   | 8 -12.4 | 12.4- 18 | 18 -26.5 |
|-----------------|------------|---------|---------|----------|----------|
| V.S.W.R         | <= 1.20    | 1.30    | 1.40    | 1.50     | 1.70     |
| INSERT. LOSS    | <= 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB  | 0.70 dB  |
| ISOLATION       | >= 80 dB   | 70 dB   | 65 dB   | 60 dB    | 50 dB    |
| AVER. POWER (*) | 240 W      | 150 W   | 120 W   | 100 W    | 40 W     |

### ELECTRICAL CHARACTERISTICS

ACTUATOR

: FAILSAFE

NOMINAL CURRENT AT 25°C (±10%)

: 140 mA

ACTUATOR VOLTAGE (Vcc)

: 28V (24 to 30V)

TERMINALS

: solder pins (250 Deg.C max./30 sec)

TTL INPUTS (E) - High level  
- Low level

: 2.2 to 5.5V / 800µA at 5V  
: 0 to 0.8V / 20µA at 0.8V

### 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

: < 85 g

### ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE

(°C) : -25 , +70

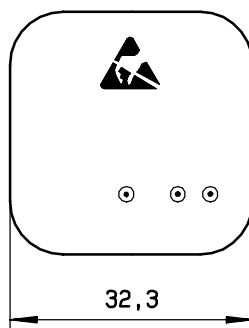
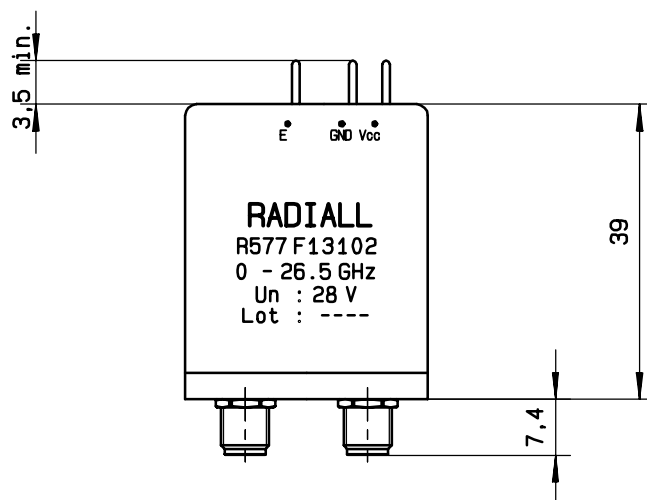
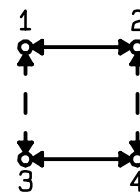
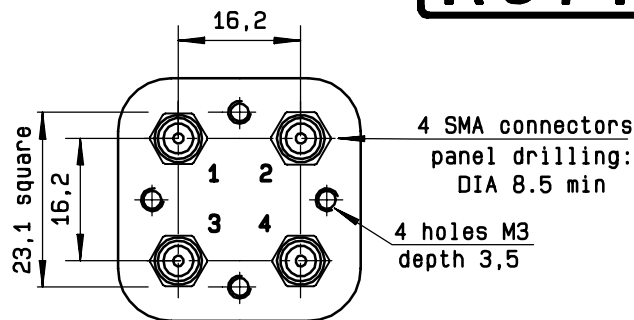
STORAGE TEMPERATURE RANGE

(°C) : -40 , +85

(\* : average power at 25°C)

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:  $\pm 0,5$  mm

## SCHEMATIC DIAGRAM

| TTL input | RF continuity |
|-----------|---------------|
| E=1       | 1↔3 2↔4       |
| E=0       | 1↔2 3↔4       |

