

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



3 GHz

SMA

FAILSAFE

TRANSFER

SWITCH

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OPTIONS: / TTL DRIVE

### R F CHARACTERISTICS

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 : FAILSAFE  
NOMINAL CURRENT AT 25°C (±10%) : 340 mA  
ACTUATOR VOLTAGE (Vcc) : 12V (10.2 to 13V)  
TERMINALS : D-sub 9 pins  
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 : 2.500.000 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

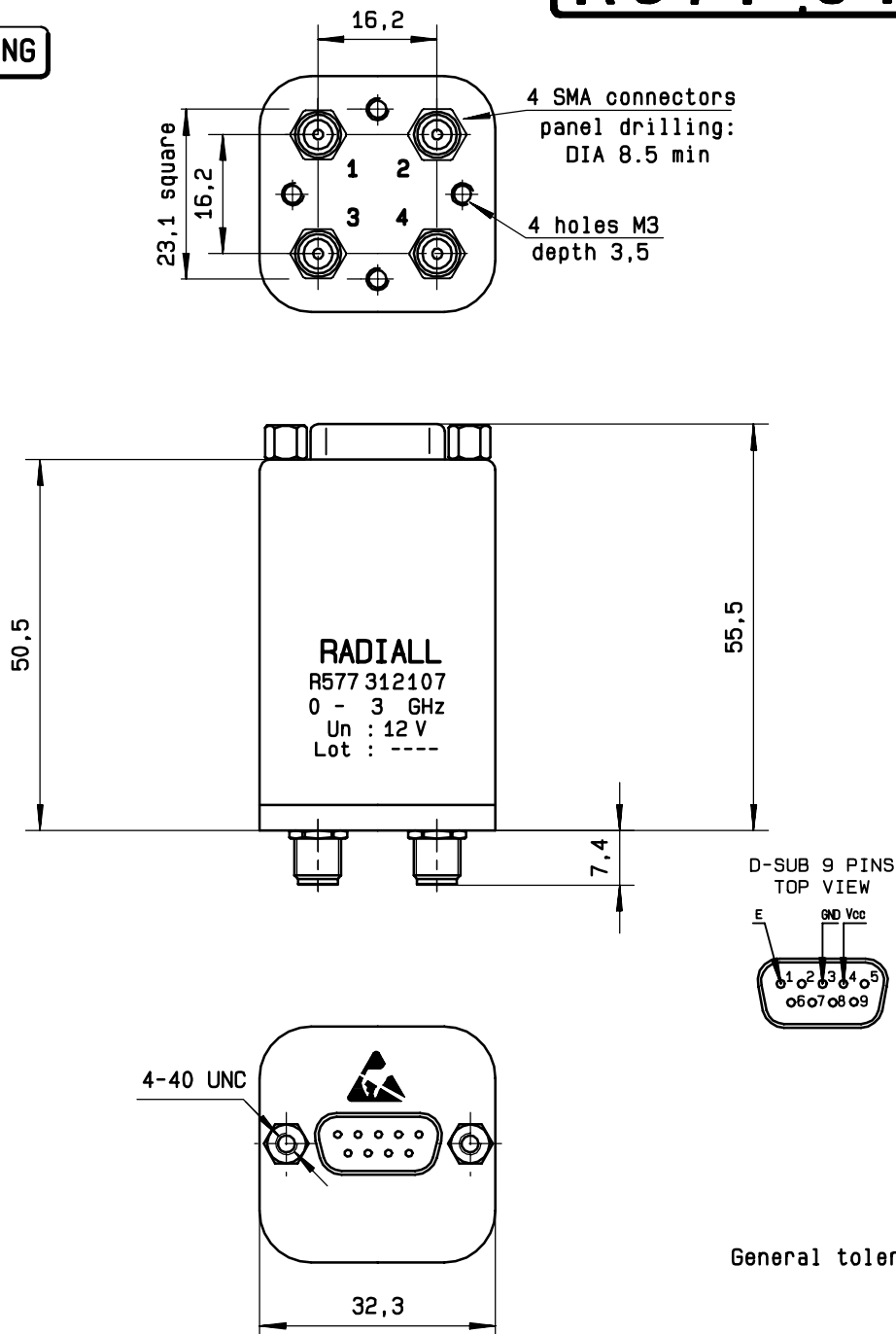
(\* : average power at 25°C)

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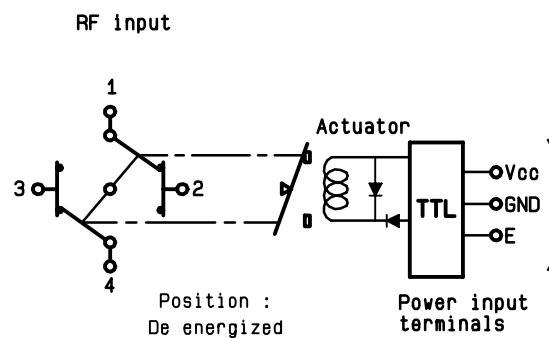
DRAWING



General tolerance:  $\pm 0,5$  mm

SCHEMATIC DIAGRAM

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



ISSUE 22. jan.08