

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



50Ω TERMINATED 26.5 GHz SMA LATCHING D.P.3.T. SWITCH

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OPTIONS :

### 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   | 60 dB   | 60 dB    | 55 dB    |
| AVER. POWER (*) | 240 W      | 150 W   | 120 W   | 100 W    | 40 W     |

### ELECTRICAL CHARACTERISTICS

ACTUATOR : LATCHING  
NOMINAL CURRENT AT 25°C (±10%) : 160 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / POSITIVE COMMON  
TERMINALS : solder pins (250°C max./30 sec.)

### MECHANICAL CHARACTERISTICS

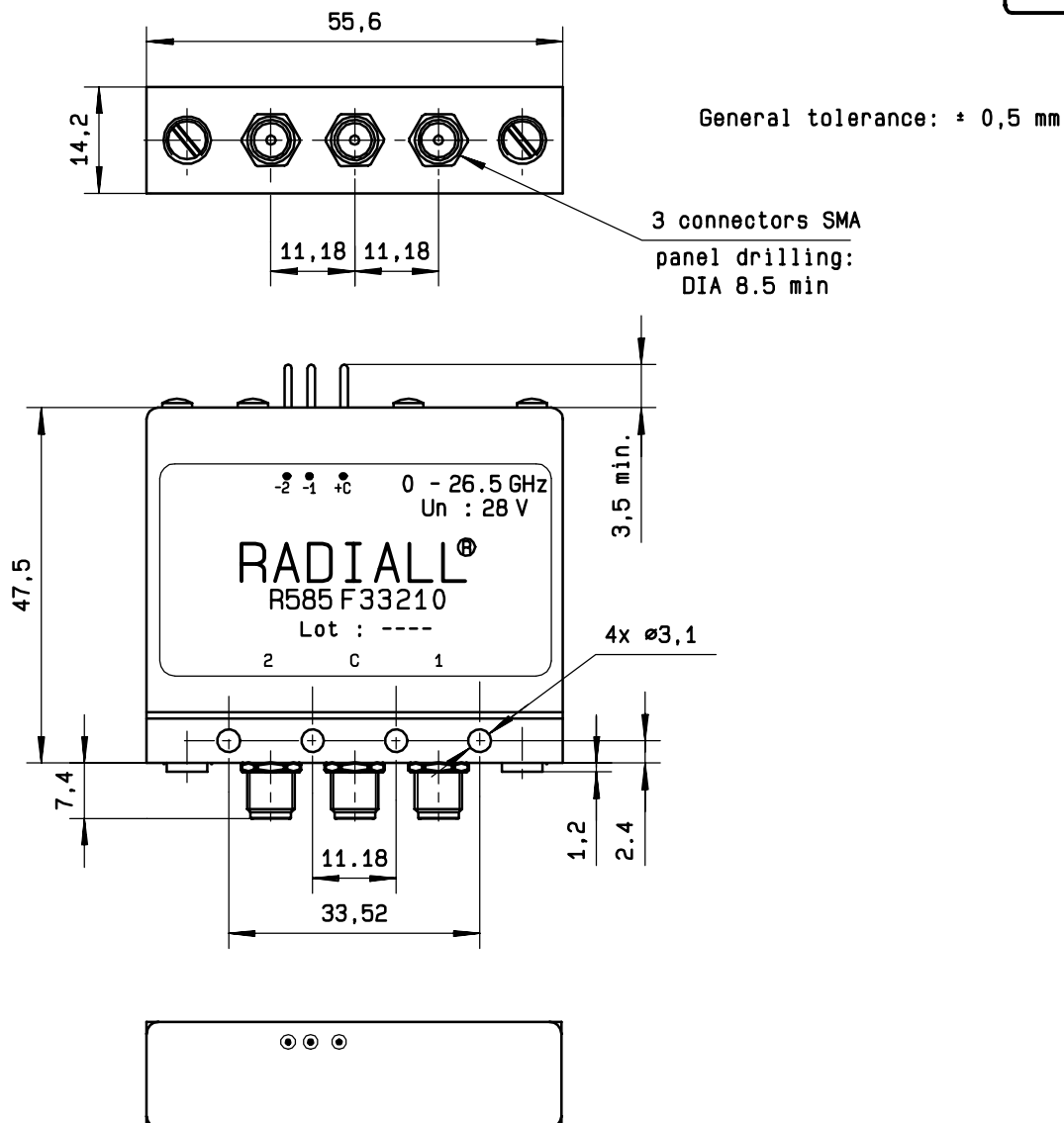
CONNECTORS : SMA female per MIL C 39012  
LIFE : 2.000.000 cycles  
SWITCHING TIME (nominal voltage;25°C) : < 10 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 100 g

### ENVIRONMENTAL CHARACTERISTICS

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

(\* : average power at 25°C)

## DRAWING



## SCHEMATIC DIAGRAM

| Voltage | RF continuity                                           |
|---------|---------------------------------------------------------|
| + C - 1 | C $\leftrightarrow$ 1 / 2 $\leftrightarrow$ 50 $\Omega$ |
| + C - 2 | C $\leftrightarrow$ 2 / 1 $\leftrightarrow$ 50 $\Omega$ |

