

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      3 GHz      SMA      N/O      D.P.3.T. SWITCH**

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OPTIONS :

**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 : N/O  
NOMINAL CURRENT AT 25°C (±10%) : 102 mA  
ACTUATOR VOLTAGE (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
TERMINALS : solder pins (250°C max./30 sec.)

**MECHANICAL CHARACTERISTICS**

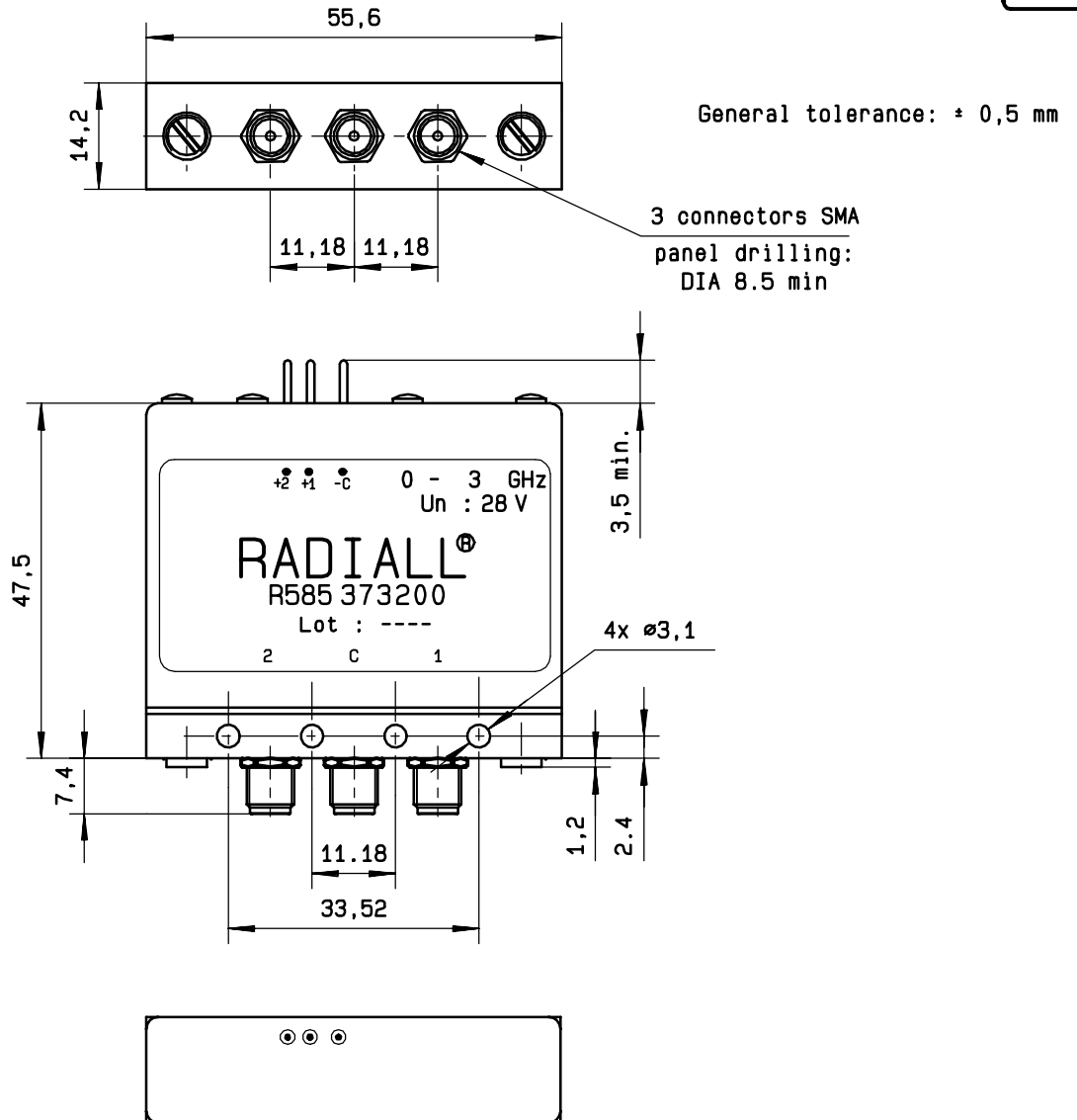
CONNECTORS : SMA female per MIL C 39012  
LIFE : 2.000.000 cycles  
SWITCHING TIME (nominal voltage;25°C) : < 10 ms  
CONSTRUCTION : splashproof  
WEIGHT : < 100 g

**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 $\Omega$           |
| De-energized | 1 $\leftrightarrow$ 50 $\Omega$ / 2 $\leftrightarrow$ 50 $\Omega$ |

