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## R F CHARACTERISTICS

|                 |         |         |         |          |
|-----------------|---------|---------|---------|----------|
| 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   | 60 dB   | 60 dB    |
| AVER. POWER (*) | 240 W   | 150 W   | 120 W   | 100 W    |

## ELECTRICAL CHARACTERISTICS

|                                |                                    |
|--------------------------------|------------------------------------|
| ACTUATOR                       | : FAILSAFE                         |
| NOMINAL CURRENT AT 25°C (*10%) | : 204 mA                           |
| ACTUATOR VOLTAGE (Vcc)         | : 28V (24 to 30V)                  |
| TERMINALS                      | : solder pins (250°C max./30 sec.) |
| 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                                   | : 2.000.000   | cycles          |
| SWITCHING TIME (nominal voltage;25° C) | : < 10        | ms              |
| CONSTRUCTION                           | : splashproof |                 |
| WEIGHT                                 | : <100        | g               |

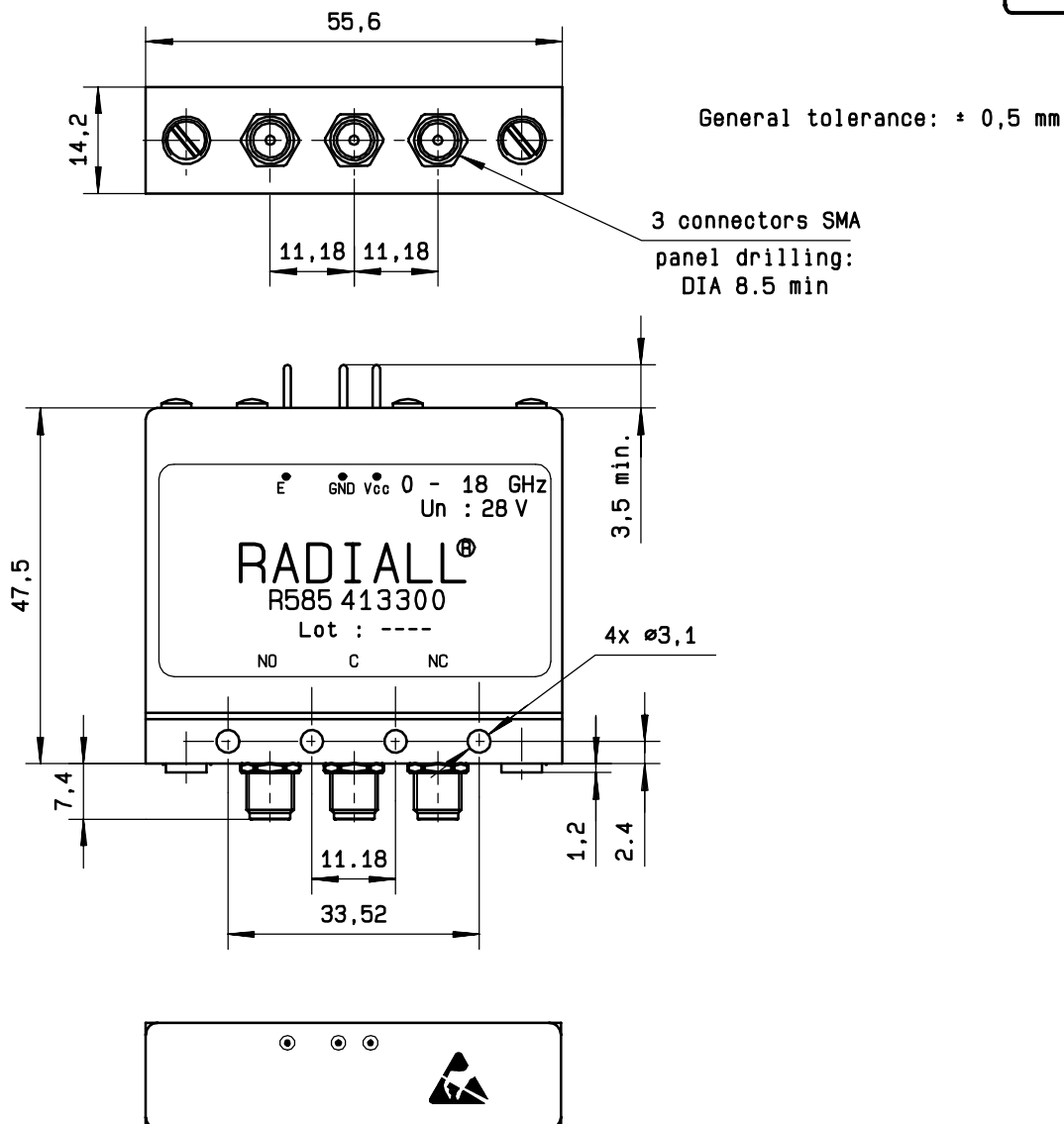
## ENVIRONMENTAL CHARACTERISTICS

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

(\* : average power at 25° C)

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## DRAWING



## SCHEMATIC DIAGRAM

| Voltage | RF continuity                                             |
|---------|-----------------------------------------------------------|
| E=0     | C $\leftrightarrow$ NC / NO $\leftrightarrow$ 50 $\Omega$ |
| E=1     | C $\leftrightarrow$ NO / NC $\leftrightarrow$ 50 $\Omega$ |

