

## Move/2600 - Cless Antenna datasheet

The 13.56MHz antenna is designed by printed wire. It is a loop antenna type with 2 turns of track.

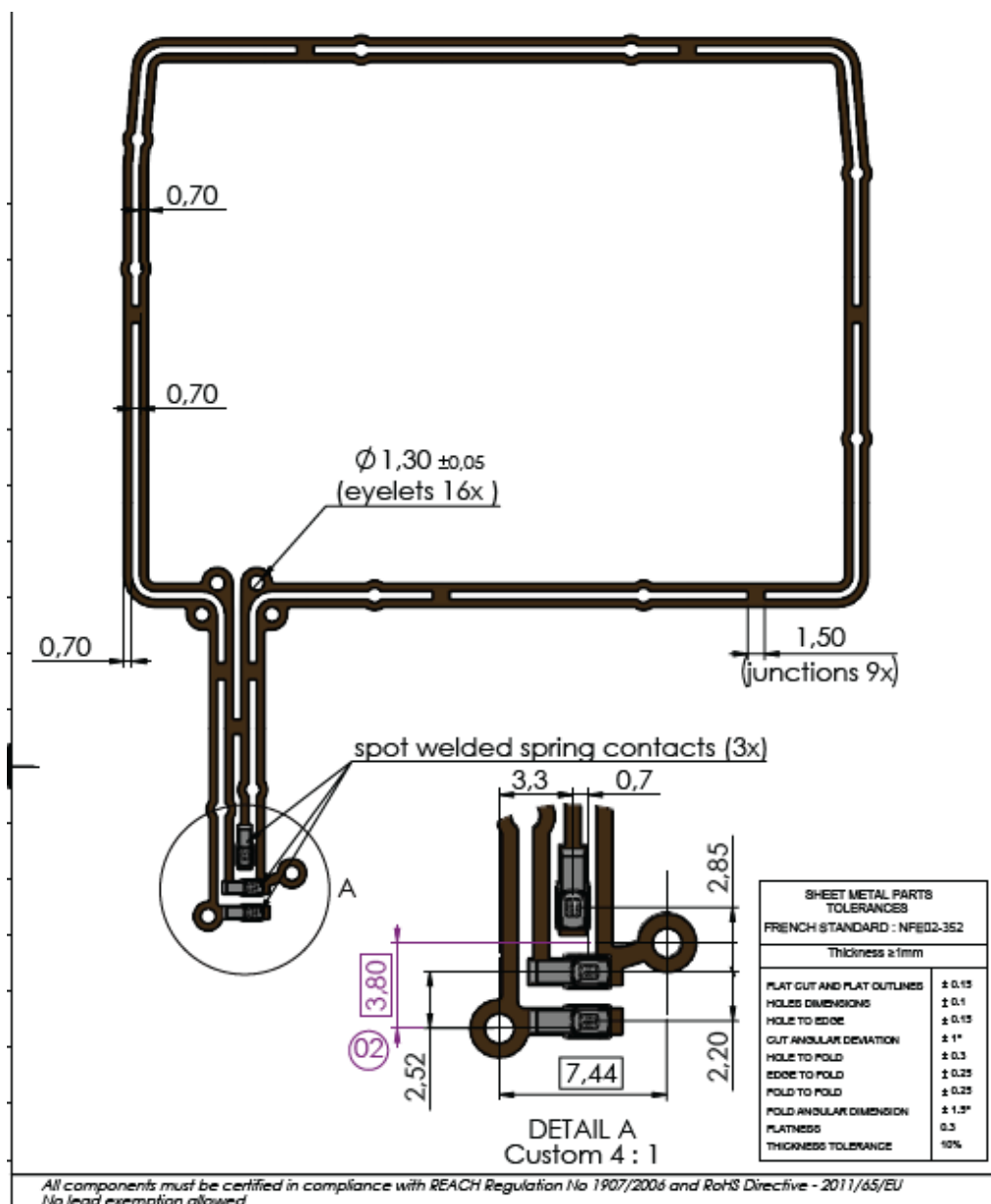
The 13.56MHz resonant frequency is achieved by a RLC tuning circuit. L is the inductance of the loop antenna and R its resistance.

The 13.56MHz RF technology operates by inductive coupling (magnetic field) between two antennas. The

radiated power (Electric field) is very weak because there is not a real radiated element.

That's why the 13.56MHz antenna gain is very low (compared with a dipole antenna at 13.56MHz) and difficult to measure.

The gain is very inferior to 1.



**Material :** Brass C2680-H  
**thickness :** 0.2 mm

