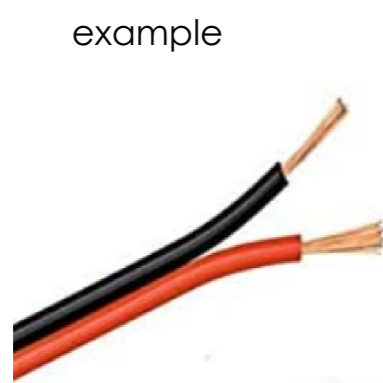
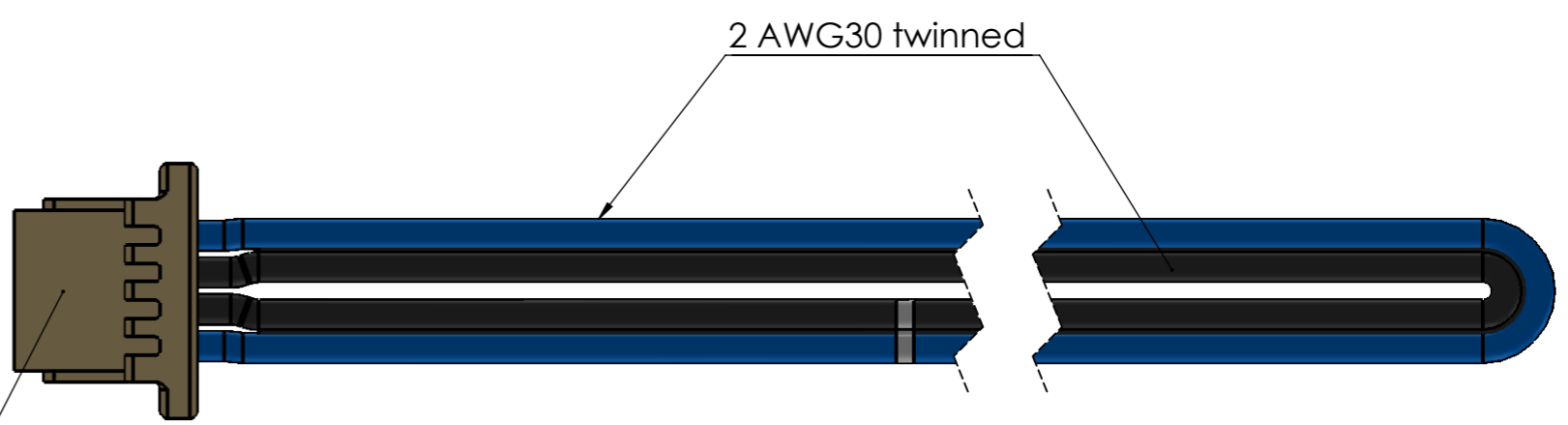


H G F E D C B A

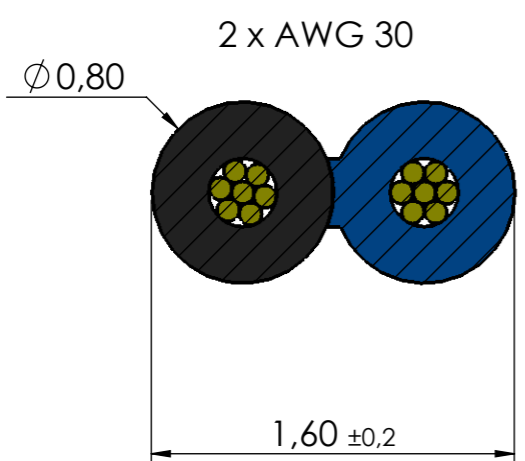
6
5
4
3
2
1



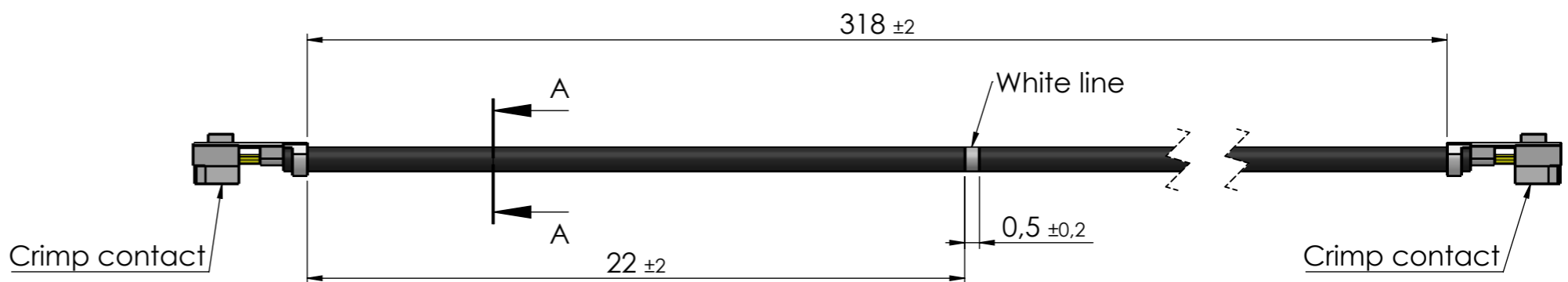
Amphenol CONNECTOR
 Reference or equivalent
 - Housing réf : G842H041C1HR
 - Contact réf : G842C051C2EU



CABLE + CONTACT



COUPE A-A
 SCALE 30 : 1



The 13.56MHz antenna is designed by 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.

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H G F E D C B A