

## Flammability / Burning Test / UL-File / YellowCard

Snap Ferrites consist of two components - a plastic housing and a set of ferrite cores.

### Ferrite Core:

The ferrite cores are made from an anorganic ferrimagnetic ceramic. The ferrite cores are sintered at over 1000°C during the manufacturing process.

After this process step there is nothing left which is able to inflame by a burning test like UL. Due to this a flammability rating is not necessary and UL-Files are not available.

### Plastic Housing:

The plastic housings are made from an organic based plastic raw material mixed with anorganic, halogene free and RoHS & Reach complaint flame retardents against ignition and burning. The possible flammability of a plastic raw material can be rated by the Underwriter Laboratories according to UL94. By rating this plastic raw material a Yellow Card will be generated. The Yellow Card shows material specific properties regarding its flammability classification (V0, V1, V2, HB) and Glow-Wire classification (GWIT, GWFI). The material is listed in the UL-Database and can be found by the UL-file-Number (sometimes named E-Number). This number is shown on the top right corner of the Yellow Card and can be provided by Würth Elektronik. This Yellow Card and UL-file-Number are equivalent to an UL-Recognition.

**UL-file-Number: E148915**

**The following MatchCodes consist of plastic raw material with UL Listed materials:**

**WE-STAR Series** (catalogue parts):

- WE-STAR-TEC
- WE-STAR-TEC LFS
- WE-STAR-FIX
- WE-STAR-FIX LFS
- WE-STAR-GAP
- WE-STAR-FLAT
- WE-STAR-BUENO
- WE-STAR-RING

**WE-CAR Series** (ASP parts):

- WE-CAR-TEC

**WE-SNAP Series** (non catalogue parts):

- WE-SNAP-SLEEVE
- WE-SNAP-RING