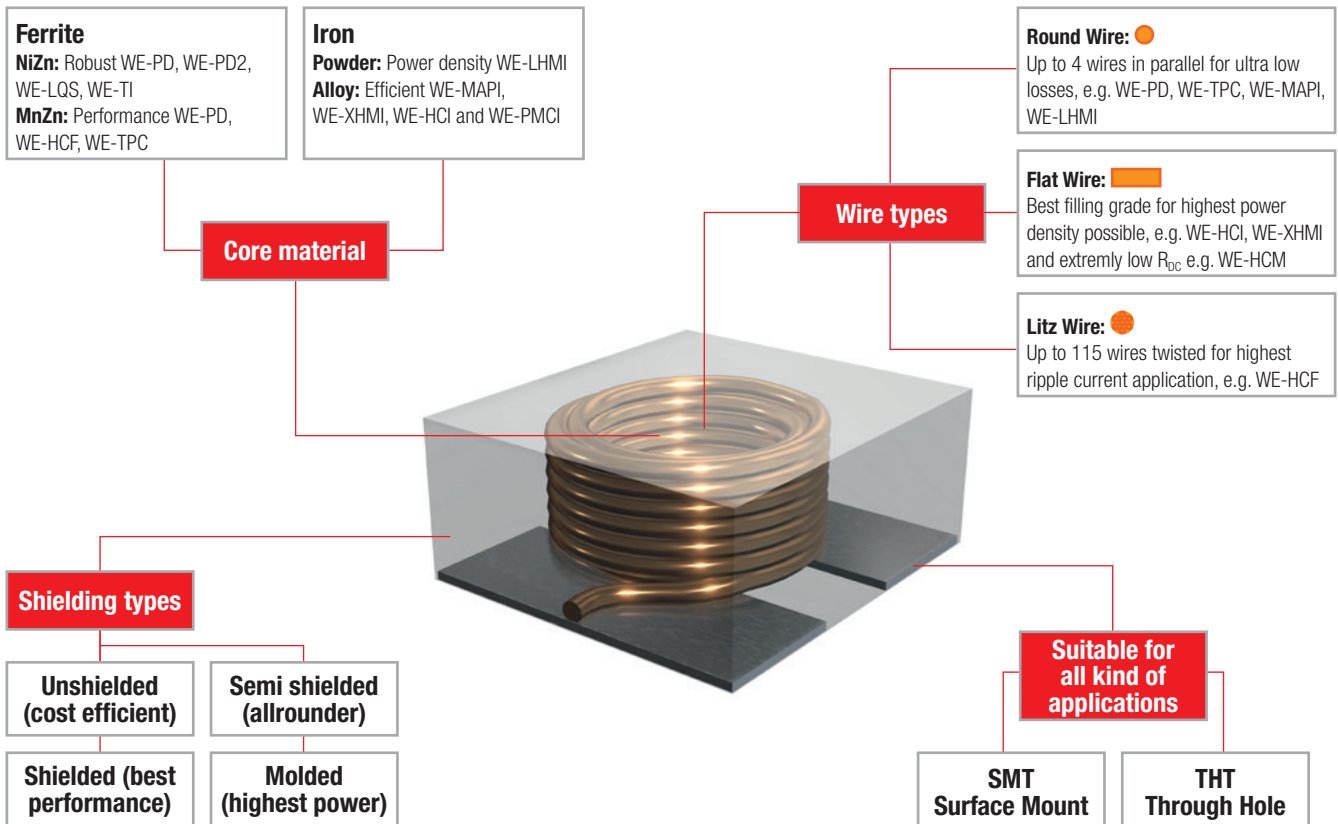
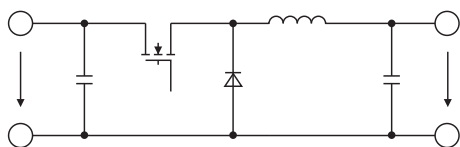


Single Coil Inductors



- AEC-Q200 qualified (certain series)
- Temperature range: -40 °C up to +125 °C / +150 °C / +155 °C
- Outstanding saturation behavior
- Extreme low R_{DC}
- Highest power density based in package volume
- Robust design for advanced applications
- Best filter characteristics
- Operating voltage rating up to 400 V
- Size from 1.6 mm up to 41 mm
- Current rating up to > 125 A
- Inductance value from 25 nH up to 22 mH
- Switching frequency from 10 kHz up to 10 MHz



Usage of Single Coil Inductors:

- Often used in DC/DC converter, e.g. buck converter
- One of the most important factors of an inductor is its current capability

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