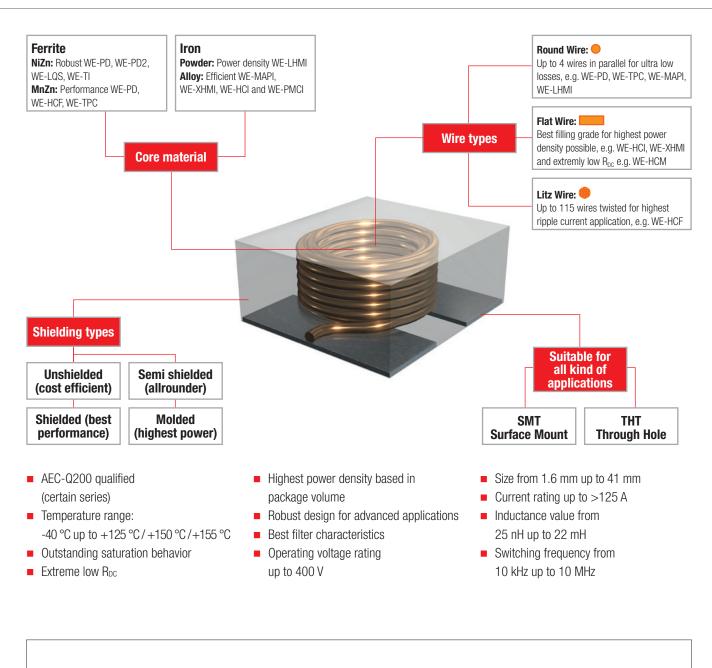
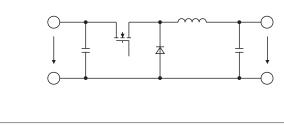
Single Coil Inductors





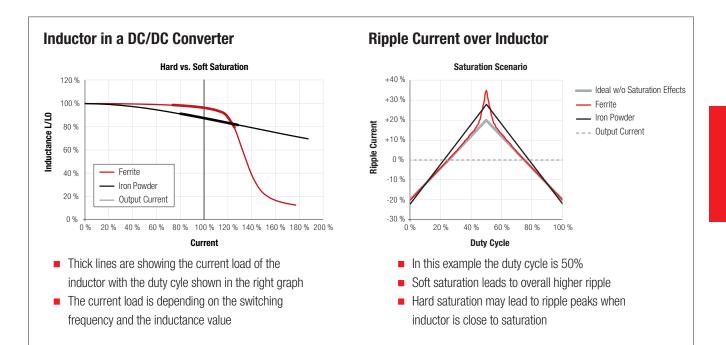
Usage of Single Coil Inductors:

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

Compare in REDEXPERT: www.we-online.com/re-ferrite-iron







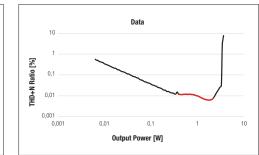
Digital Audio Inductors: WE-HIDA and WE-LHMD



Full-bridge topology

Applications / Characteristics

- Class D Audio amplifiers
- Digital amplifiers
- PWM switching frequency from 150 kHz up to 2 MHz
- 2-in-1 inductor design uses less space on PCBs with full-bridge topology
- Very low R_{DC}



THD+N ratio vs. output power measurement

Measurement Characteristics

- Low THD+N possible with new MnZn or Iron powder core materials
- Red area is mostly influenced by inductor selection
- THD+N tested with 1 kHz input audio signal (according AES-17 standard)



Compare all Power Inductors in REDEXPERT: www.we-online-com/compare-power-inductors