

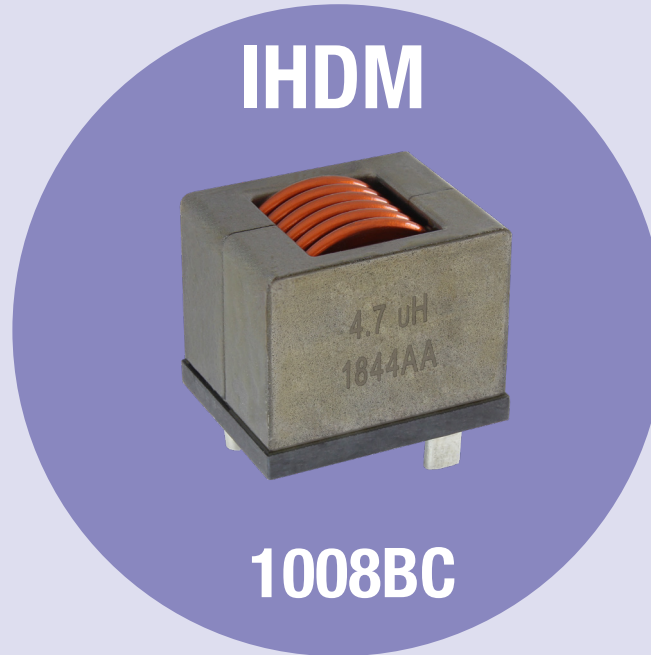


HIGH CURRENT EDGE-WOUND INDUCTORS

IHDM

Electrical Specifications

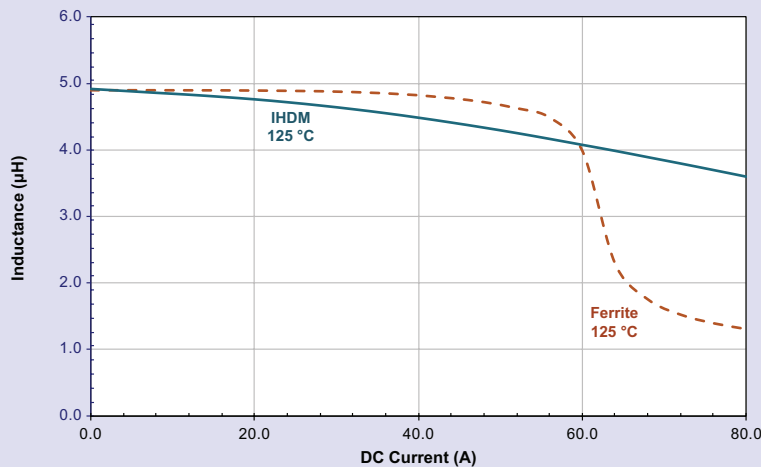
| L ± 20 % at 0 A _{DC} (μH) | Max. DCR (mΩ) | Rated I (A) | Saturated I (A) |
|---------------------------------------|------------------|----------------|--------------------|
| 1.2 | 0.30 | 80 | 150 |
| 2.2 | 0.40 | 70 | 110 |
| 3.3 | 0.70 | 50 | 90 |
| 4.7 | 0.95 | 45 | 70 |
| 6.8 | 1.15 | 40 | 60 |
| 8.2 | 1.50 | 35 | 50 |
| 10 | 2.00 | 30 | 45 |



FEATURES

- Powdered iron core technology that is superior to ferrite for I_{sat}
- performance to 180 °C continuous
- Edge-wound, flat wire coil provides low DCR to minimize losses and reduce temperature rise
- Easily customizable for mounting orientation, termination type, SMD, nominal L, voltage rating

Superior Saturation Performance of IHDM vs. Ferrite at 125 °C



APPLICATIONS



- High current and high temperature applications
- DC/DC converters
- Inverters
- High current filters for motor and switching noise suppression

