

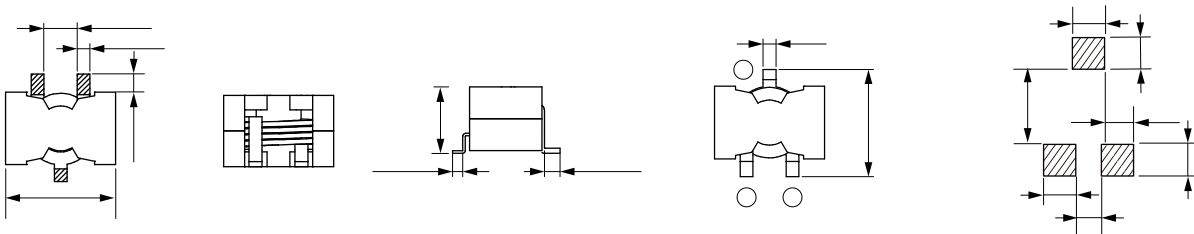
THCE Series

CHARACTERISTICS

- High saturation current up to 100A
- Low losses with flat wire design
- Low core losses with MnZn core material
- Quantity: 100pcs

APPLICATION

- High current DC/DC convert
- LC filter



| Part No | Inductance @100KHz/0.25V (μ H) | Tolerance | Saturation Current Typ. (A) | Temperature Rise Current Typ. (A) | DC Resistance Max. (m Ω) |
|---------------|---|------------|--------------------------------------|--|---|
| THCE2015-1R2M | 1.2 | $\pm 20\%$ | 65 | 28 | 2.3 |
| THCE2015-2R2M | 2.2 | $\pm 20\%$ | 55 | 28 | 2.3 |
| THCE2015-2R7M | 2.7 | $\pm 20\%$ | 48 | 28 | 2.3 |
| THCE2015-3R3M | 3.3 | $\pm 20\%$ | 48 | 24 | 3.8 |
| THCE2015-3R9M | 3.9 | $\pm 20\%$ | 36 | 26 | 2.3 |
| THCE2015-4R7M | 4.7 | $\pm 20\%$ | 35 | 24 | 3.8 |
| THCE2015-6R8M | 6.8 | $\pm 20\%$ | 29 | 23 | 7.3 |
| THCE2015-100M | 10 | $\pm 20\%$ | 23 | 18 | 7.3 |
| THCE2015-150M | 15 | $\pm 20\%$ | 18 | 16 | 9.5 |
| THCE2015-220M | 22 | $\pm 20\%$ | 13 | 16 | 9.5 |
| THCE2015-330M | 33 | $\pm 20\%$ | 9 | 16 | 9.5 |

Operating Temperature: -40°C to $+125^{\circ}\text{C}$

Temperature Rise Current: the actual value of DC current when the temperature rise is $T40\text{C}$

Saturation Current that will cause initial inductance to drop approximately 30%

