# MDCE Series

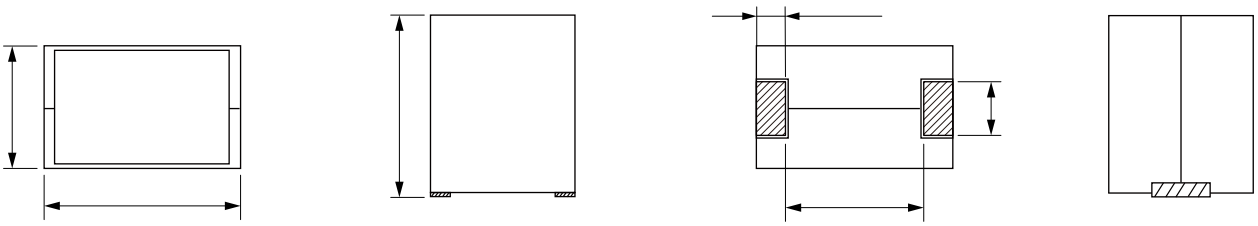


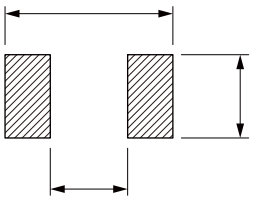
## FEATURES

- High satura on characteris c core for large satura on current and low loss.
- Closed magne c circuit design reduces leakage flux.
- High precision DCR.
- Halogen Free & ROHS compliant.
- Opera ng temperature: -40 to +125 °C

## APPLICATION

- AI Servers, Data Centers, GPU/AI Accelerators.
- Desktop Motherboards, CPU/GPU Power Delivery.
- Mul -phase VRM, High-current DC-DC Converters.
- Networking Equipment, Communica on Infrastructure.



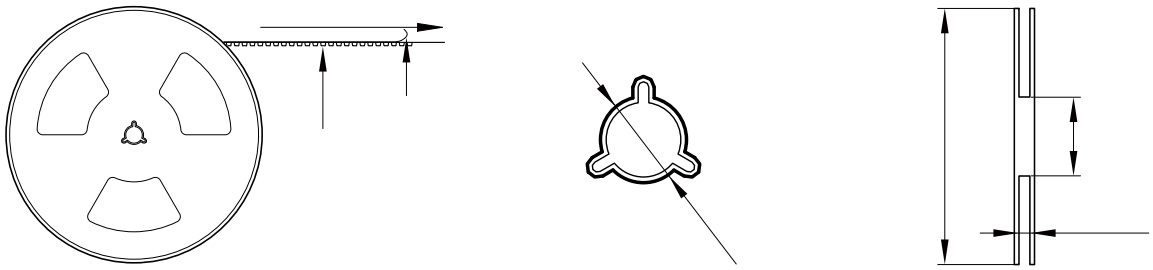


| Series | A | B | C | D | E | F | a | b | c |
|---|---|---|---|---|---|---|---|---|---|
| MDCE060610 | 6.5 max | 6.5 max | 10.0 max | 3.7±0.2 | 1.75 typ | 2.75 typ | 7.2 | 2.6 | 4.2 |
| MDCE090510 | 9.0 max | 5.2 max | 9.5 max | 2.4 typ | 2.50 typ | 3.70 typ | 9.2 | 3.4 | 3.0 |
| MDCE100710 | 10.0 max | 7.0 max | 10.0 max | 2.4±0.2 | 2.70 typ | 4.60 typ | 11.0 | 4.4 | 3.0 |

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|---|---|
| Marking | Printing Inductance) |

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|---|---|---|---|---|---|
| 060610 | 330±1.0 | 100±1.0 | 13.2±0.5 | 24.5±0.2 | |
| 090510 | 330±1.0 | 100±1.0 | 13.2±0.5 | 24.5±0.2 | |
| 100710 | 330±1.0 | 100±1.0 | 13.2±0.5 | 24.5±0.2 | |

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