MDCA Series

SMD Power Inductor

Size 7030

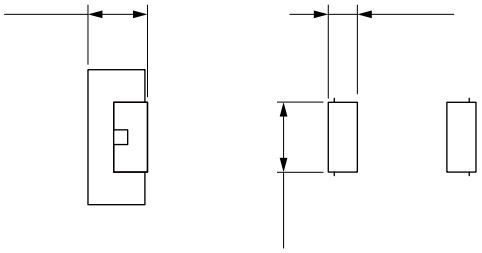
FEATURES

- Shielded construc on.
- Capable of corresponding high frequency.
- Low loss realized with low DCR.
- High performance (Isat) realized by Carbonyl Powder.
- Ultra low buzz noise, due to composite construc on.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
  Opera ng temperature: -55 to +125 °C(including self-temperature rise)
- Quan ty: 1000pcs

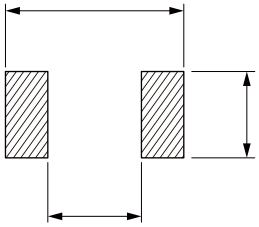
APPLICATION

- Headlamps, tail lamps and interior ligh ng
- HVAC
- Doors, window li and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and naviga on

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Tolerance
±30%
±30%
±20%
±20%
±20%
±20%

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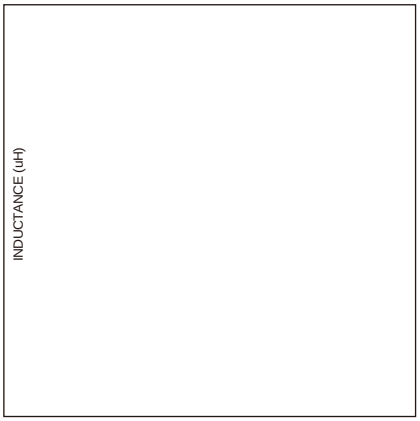
Part No	Inductance @ 100KHz/1V (μH)	Tolerance				
MDCA7030-100M	10.0	±20%	3.50	6.00	75.0	85.0
MDCA7030-150M	15.0	±20%	3.00	4.00	107	123
MDCA7030-220M	22.0	±20%	2.00	3.50	165	190



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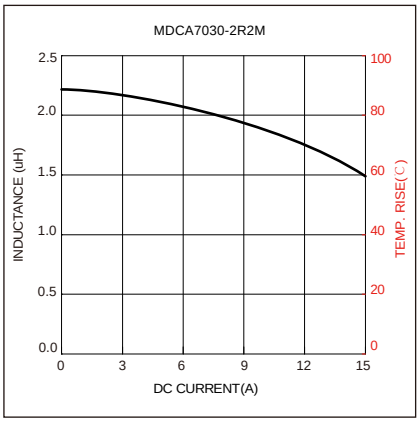

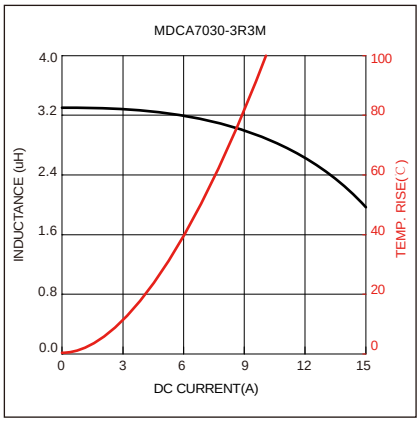

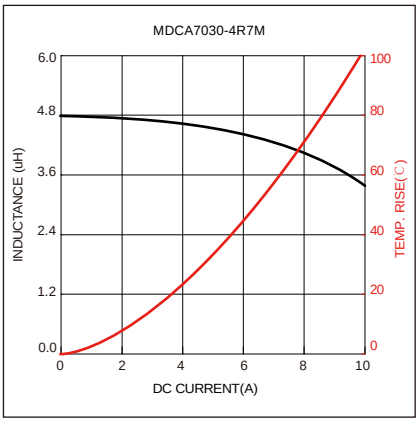

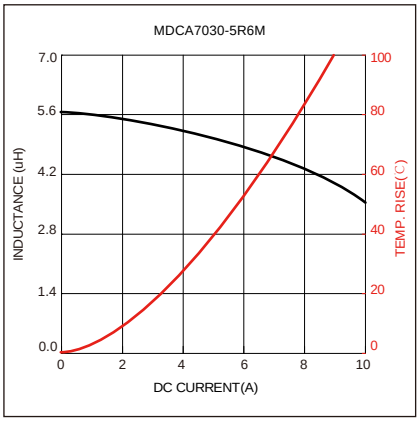

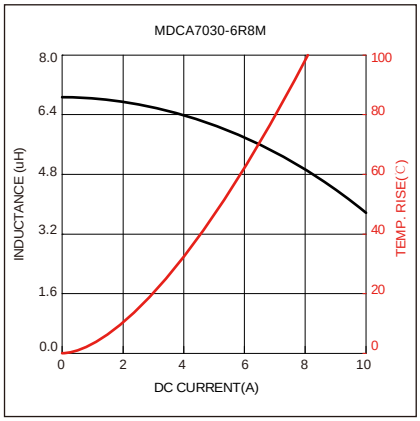

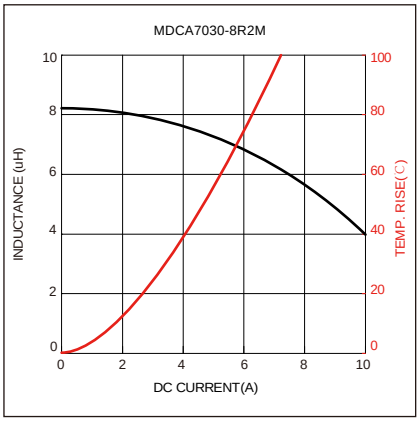

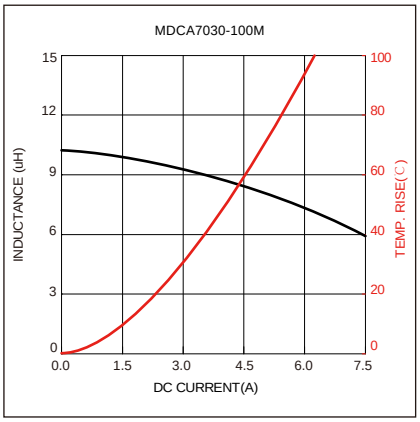

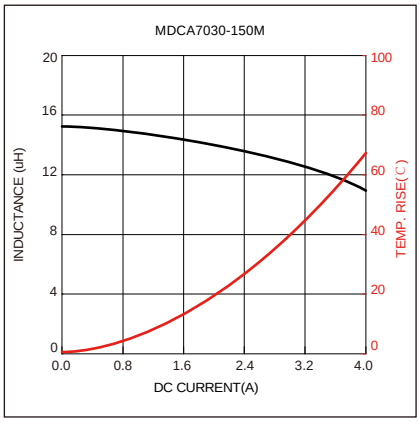

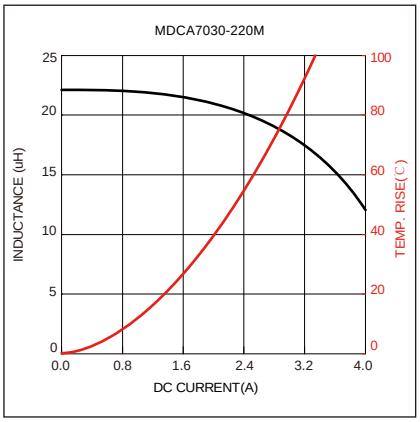

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