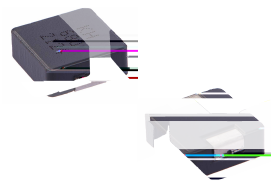
MDCA Series

SMD Power Inductor

Size 1350



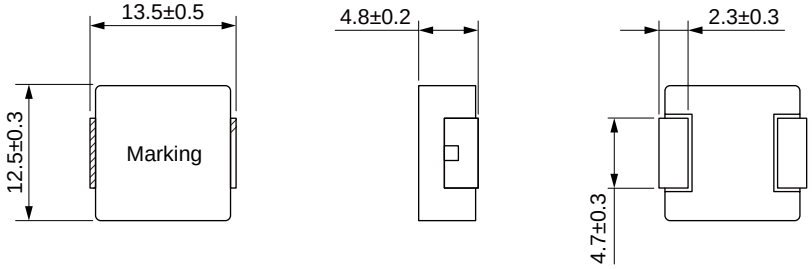
FEATURES

- 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:500pcs

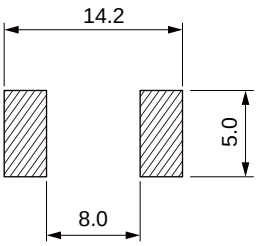
APPLICATION

- Headlamps, tail lamps and interior ligh ng
-
- Doors, window li and seat control
-
-
- In-Vehicle Infotainment and naviga on

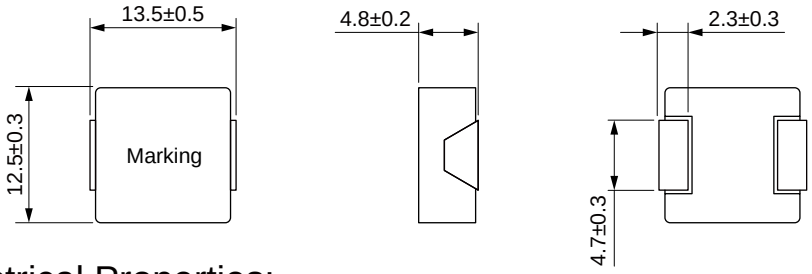
Dimensions: [mm] L＞1.5μH



Land Pattern: [mm]



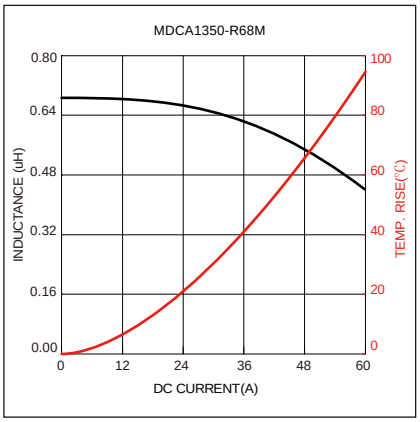
Dimensions: [mm] L≤1.5μH

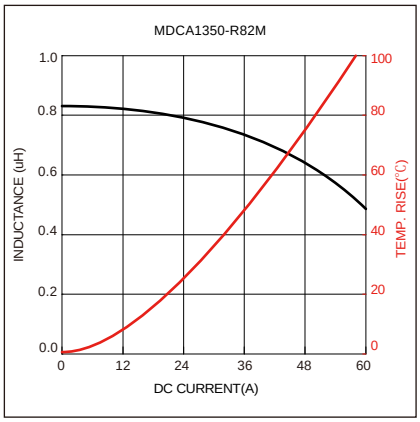


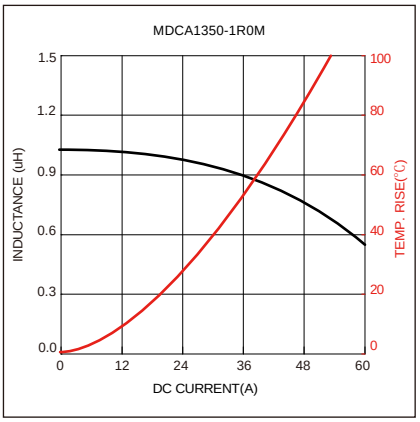
Electrical Properties:

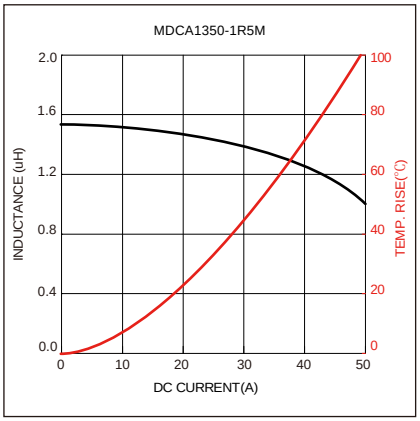
Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Satura on Current Typ. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
MDCA1350-R20M	0.20		52.0		0.45	0.55
MDCA1350-R22M	0.22		52.0		0.50	0.70
MDCA1350-R33M	0.33		42.0	80.0	0.70	0.90
MDCA1350-R36M	0.36		42.0	75.0	0.75	0.95
MDCA1350-R47M	0.47		38.0	65.0	0.86	1.10

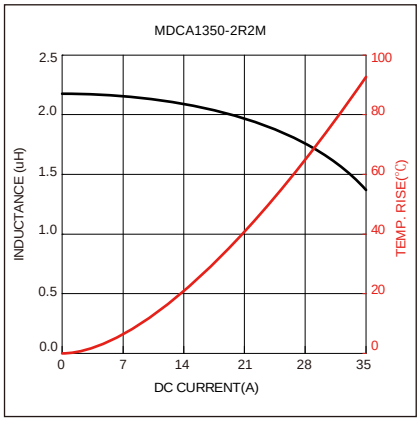
Tolerance

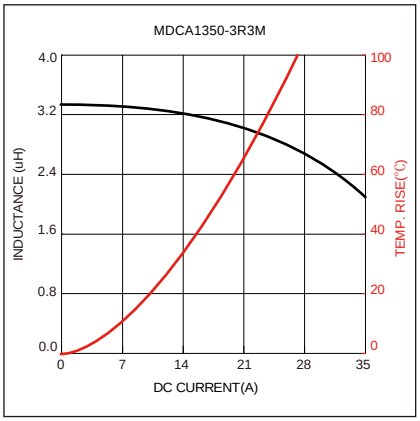


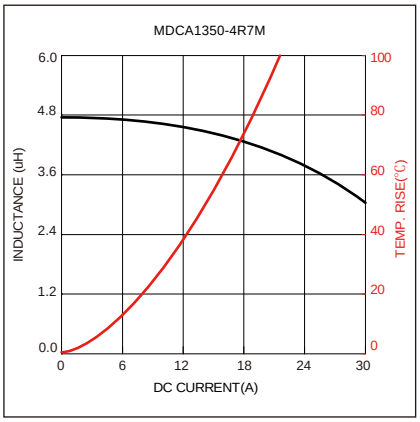


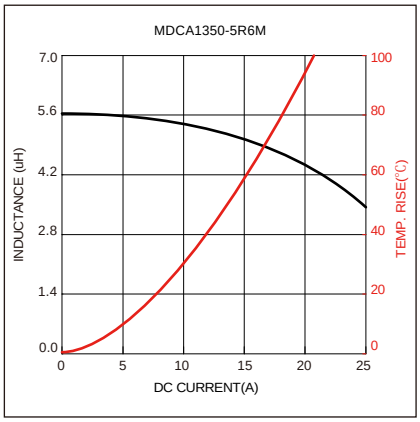


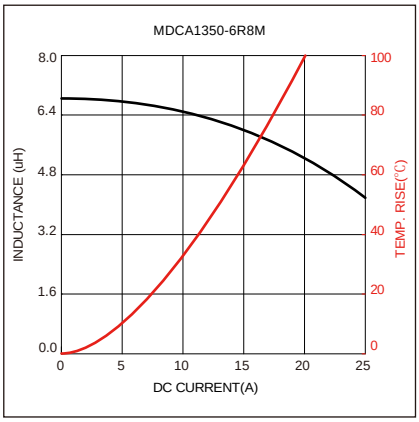


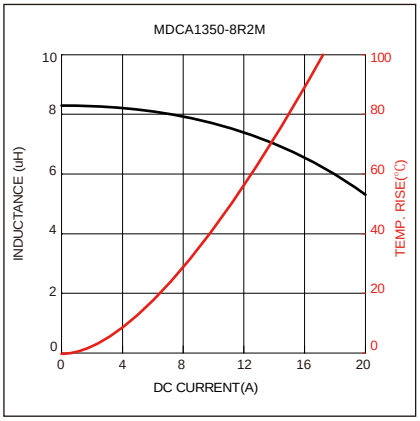


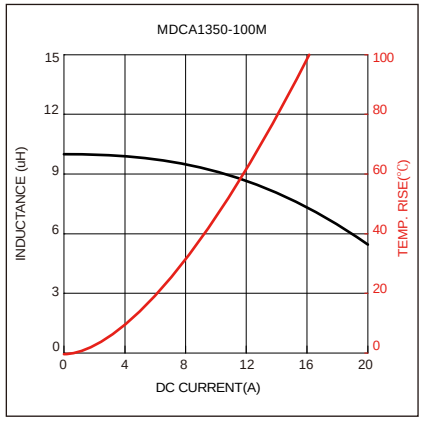


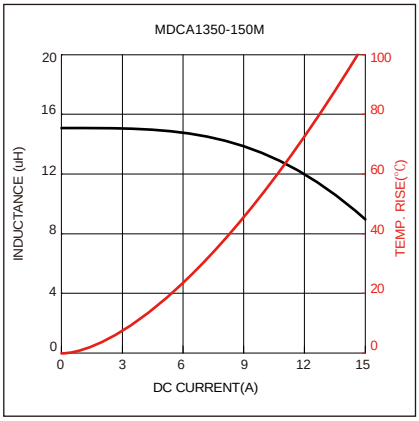












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