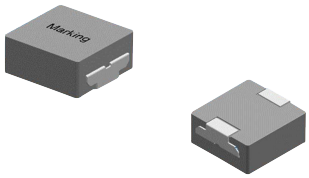
MDA HT Series

SMD Low Profile High Current Molded Inductor

Size 1054



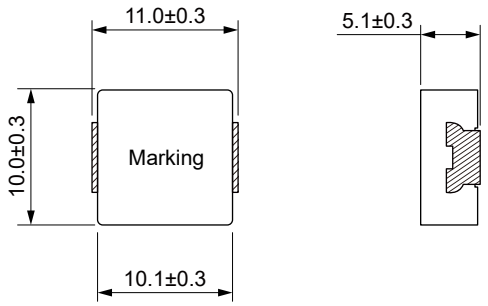
FEATURES

- Low loss realized with low DCR.
- Ultra low buzz noise, due to composite construction .
- 100% Lead(Pb)-Free and RoHS compliant.
- High performance (Isat) realized by metal dust core.
- AEC-Q200 qualified.
- Operating temperature: -55 to +165 °C (including self-temperature rise)
- Quantity: 500PCS

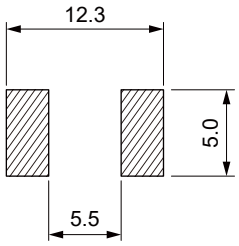
APPLICATION

- Headlamps, tail lamps and interior lighting
- HVAC
- Doors, window lift and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and navigation

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @ 100KHz/1V (µH)	Tolerance	Temperature Rise Current Typ. (A)	Saturation Current Typ. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
MDA1054HT-1R0M	1.00	±20%	30.0	37.0	2.30	2.76

Saturation Current will cause L to drop approximately 30%.

Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

KOHERelec:

MDA1040-220M MDA1350-330M MDA1050-3R3M MDA5030-100M NRSE5040-220M NRSE8065-103M MDE0420-2R2M NRSE5020-4R7M MDA1040-1R0M MDA1050-470M MDA1054HT-680M MDA1870-100M MDA1870-1R0M THC2815-4R7M MDA4020-1R0M MDE0650-100M MDE1040-680M NRSE5040-6R8M THC2815-2R2M MDA7050-2R2M MDA1054HT-150M MDA7050-220M MDA7050-6R8M MDA1870-6R8M MDA7030-2R2M MDE0320-100M MDE0630-330M NRSC3015-1R5N THC2815-3R3M MDA1870-4R7M