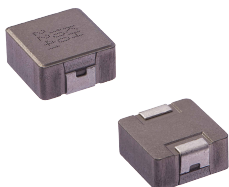


**MDA Series**  
**SMD Low Profile High Current Molded Inductor**  
**Size 1360**



**FEATURES**

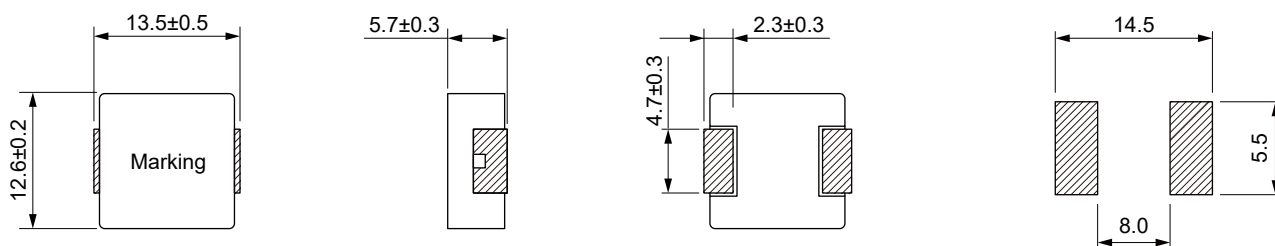
- Shielded construction
- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- Ultra low buzz noise, due to composite construction.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Operating temperature: -55 to +155 °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:**

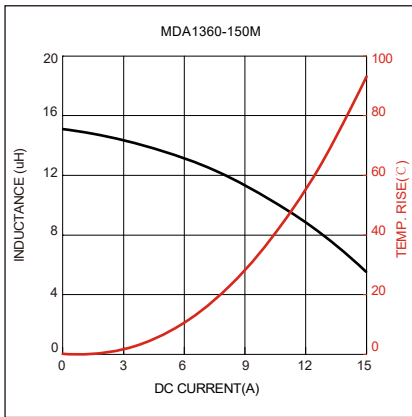
Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Saturation Current Typ. (A)	Saturation Current Max. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
MDA1360-150M	15.0	±20%	10.0	8.5	10.0	9.0	24.0	29.0

Saturation Current will cause L to drop approximately 30%

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

				UNIT: MM	 KOHER (Shanghai) Electronic Co.,Ltd
				SHEET: 1/2	
				APPROVAL: WS	
A0	19-MAY-23	PDF	WL	SIZE: A4	DESCRIPTION: SMD Low Profile High Current Molded Inductor
REV	DATE	FILE	BY	PACKING UNIT: 500 pcs	PART NO: MDA1360-150M

Typical Electrical Characteristics:



				UNIT: MM	<b>KOHERelec</b> KOHER (Shanghai) Electronic Co.,Ltd
				SHEET: 2/2	
				APPROVAL: WS	
A0	19-MAY-23	PDF	WL	SIZE: A4	DESCRIPTION: SMD Low Profile High Current Molded Inductor
REV	DATE	FILE	BY	PACKING UNIT: 500 pcs	PART NO: MDA1360-150M