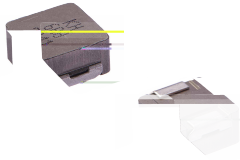


# MDA HT Series

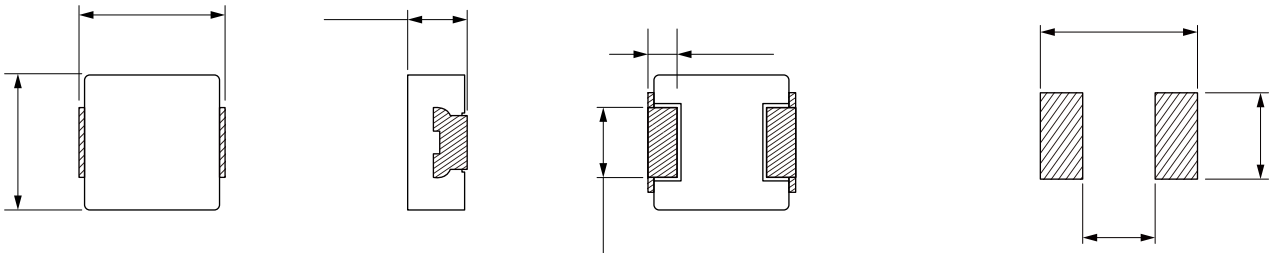


## FEATURES

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- Ultra low buzz noise, due to composite construction
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- AEC-Q200 qualified
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 500PCS

## APPLICATION

- Headlamps, tail lamps and interior lighting
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- Doors, window lift and seat control
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- In-Vehicle Infotainment and navigation

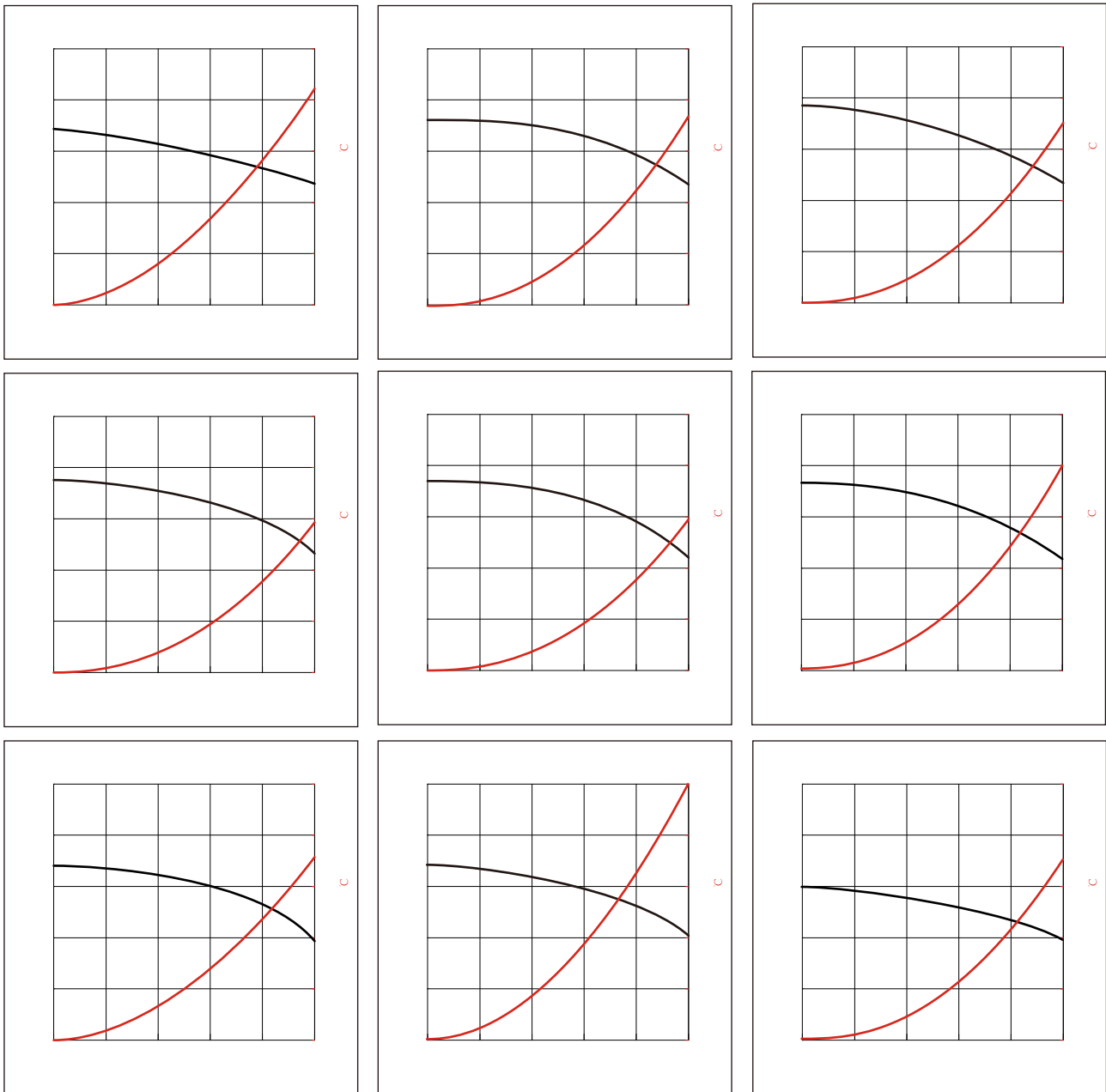


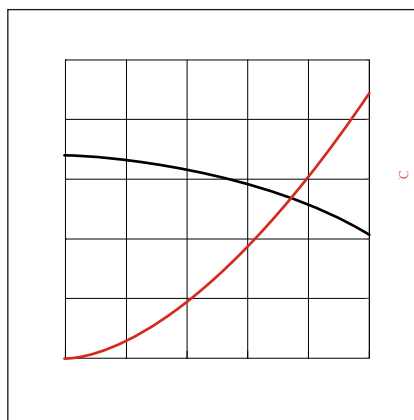
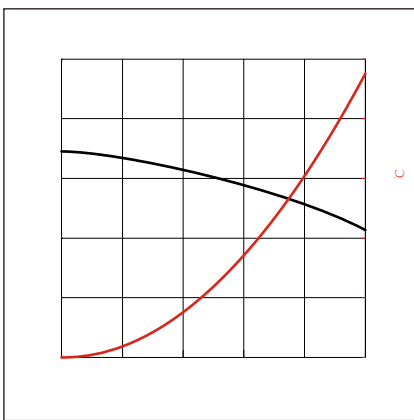
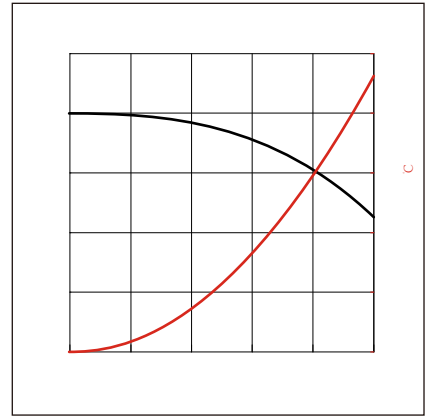
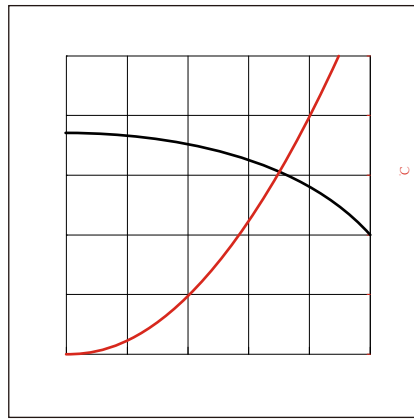
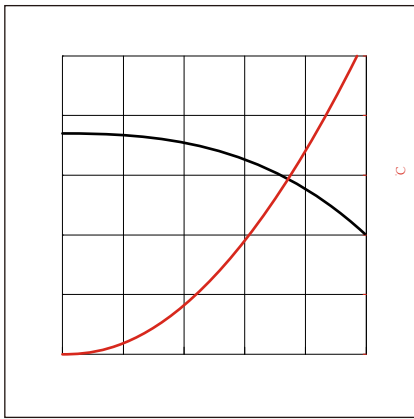
Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Saturation Current Typ. (A)	Saturation Current Max. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)

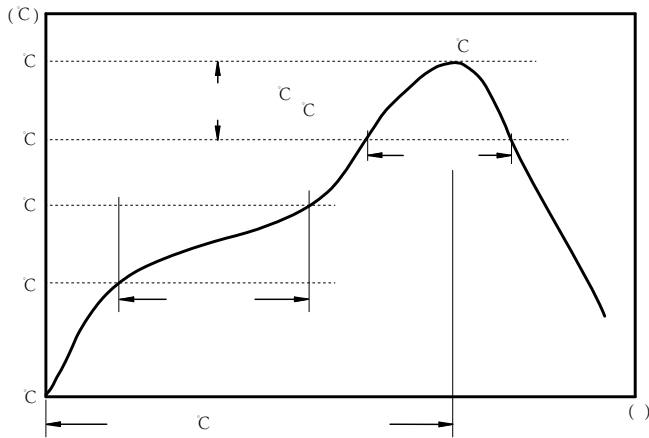
Part No	Inductance @ 100KHz/1V ( $\mu$ H)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Satura on Current Typ. (A)	Satura on Current Max. (A)	DC Resistance Typ. (m )	DC Resistance Max. (m )

Satura on Current will cause L to drop approximately 30%.

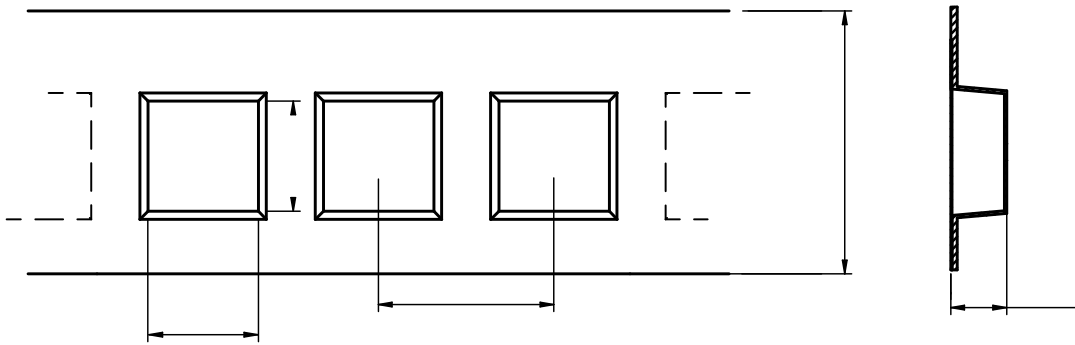
Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^{\circ}\text{C}$



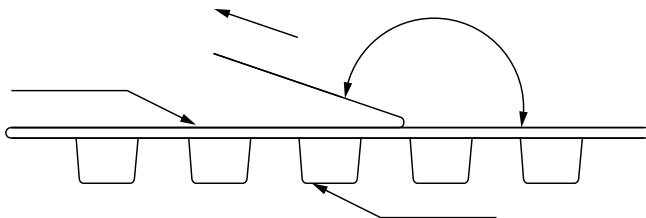




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MDA1054HT	$10.4 \pm 0.1$	$11.6 \pm 0.1$	$1.5 \pm 0.1$	$4.0 \pm 0.1$	$16 \pm 0.1$	$24 \pm 0.3$	$5.7 \pm 0.1$	$1.75 \pm 0.1$	$0.40 \pm 0.05$
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The peel force of top cover tape shall be between 0.1 to 1.3 N

Marking	KH+Printing (Inductance+period)
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