

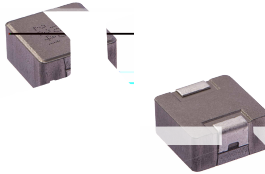
MDA Series

SMD Low Profile High Current Molded Inductor

Size 1365

FEATURES

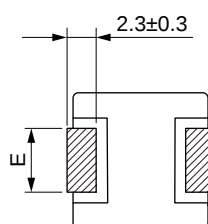
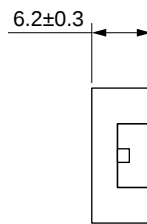
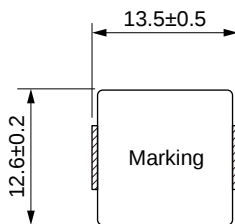
- Shielded construction
-
-
-
- Ultra low buzz noise, due to composite construction.
-
- AEC-Q200 qualified
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 500PCS



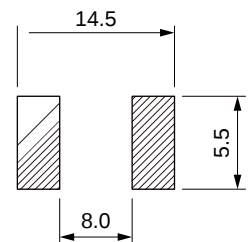
APPLICATION

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

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

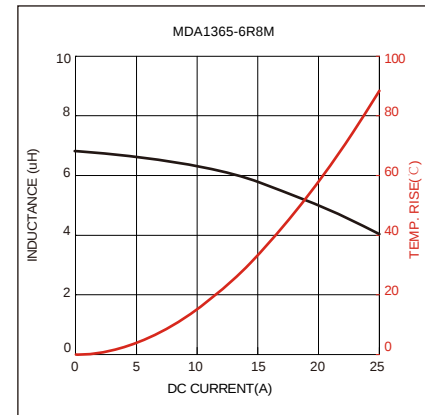
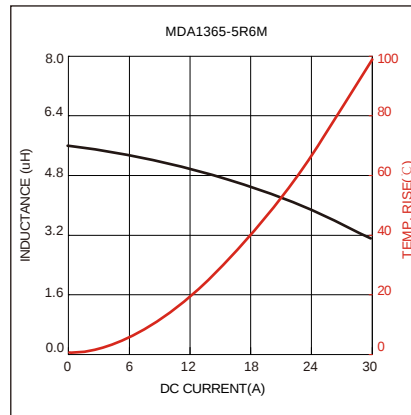
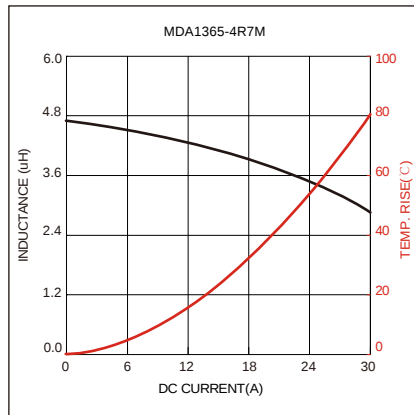
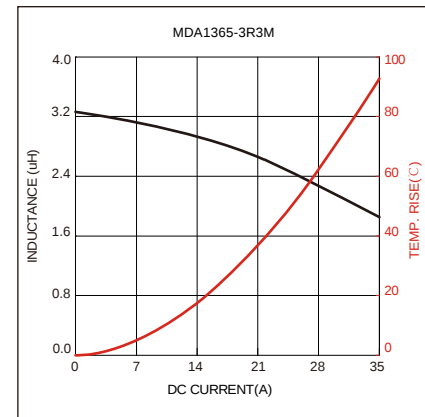
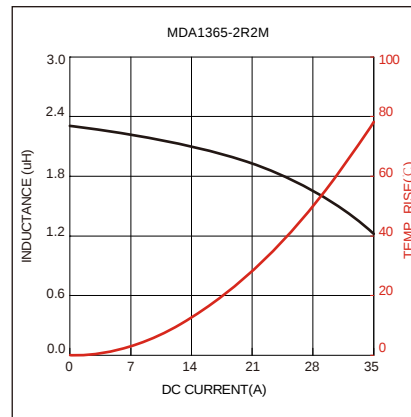
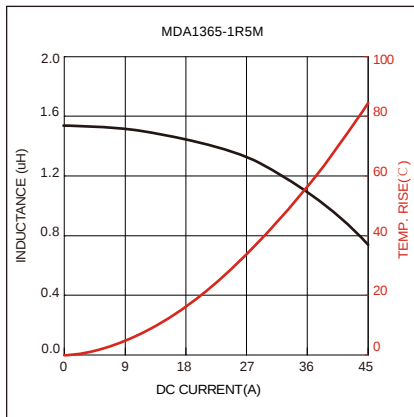
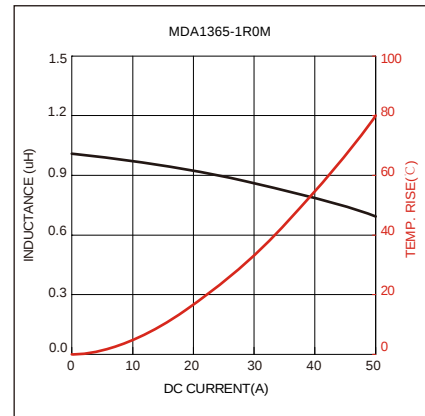
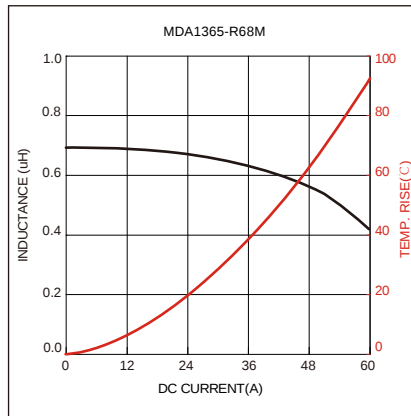
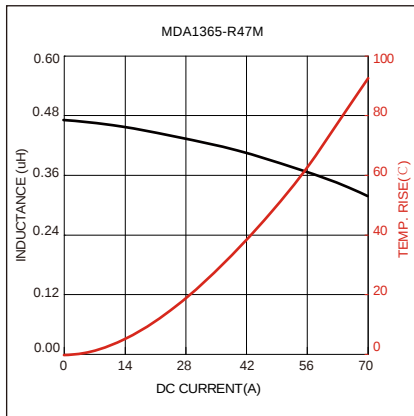
[illegible]

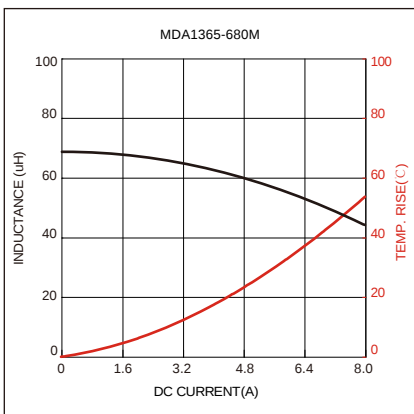
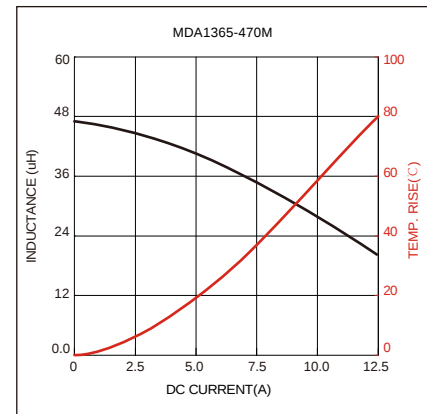
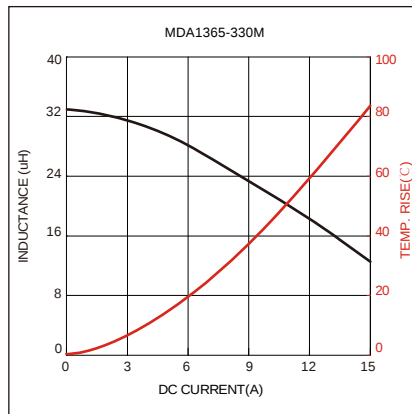
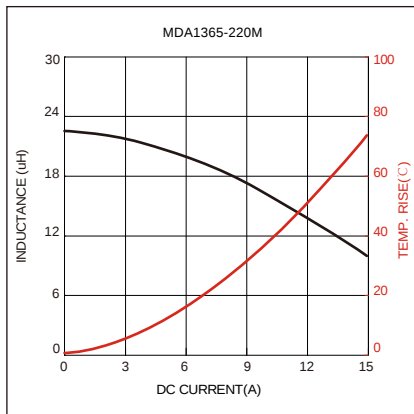
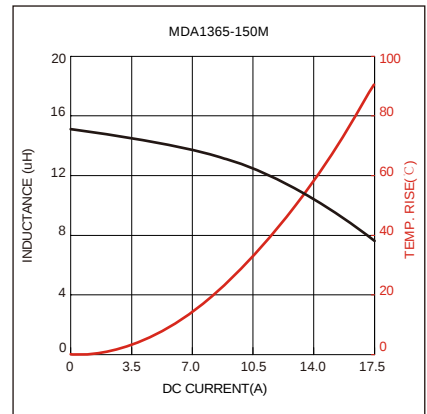
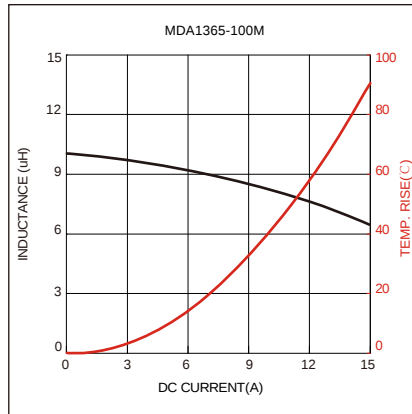
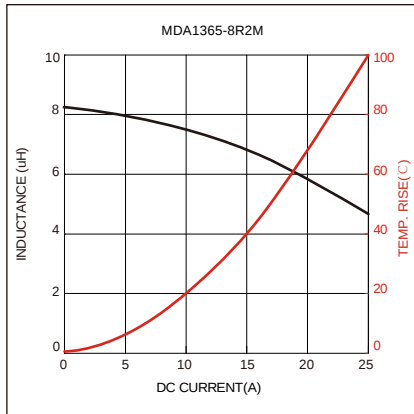
Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Current Typ. (A)	Current Max. (A)	DC Resistance Typ.	DC Resistance Max.	E

Saturation Current will cause L to drop approximately 30%

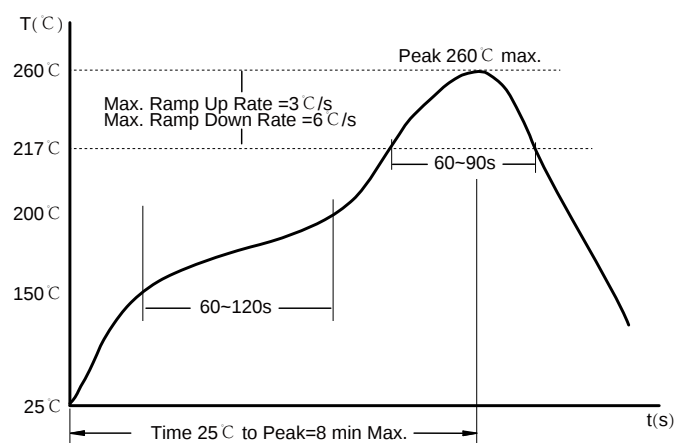
Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:





Soldering Reflow:

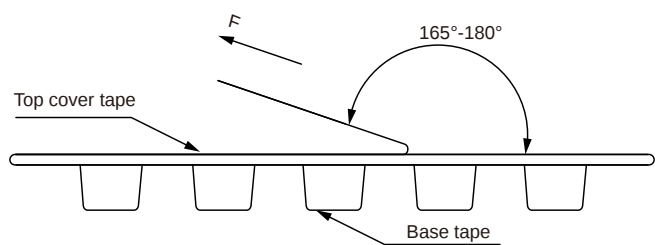


Preheat condition: $150 \sim 200^{\circ}\text{C} / 60 \sim 120 \text{ sec.}$
Allowed time above 217°C : 60~90 sec.
Max temperature: 260°C .
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension:

Peel force of top cover tape:

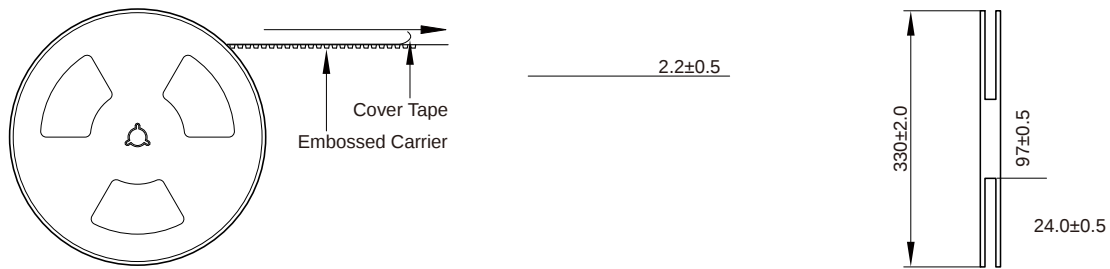


The peel force of top cover tape shall be between 0.1 to 1.3 N

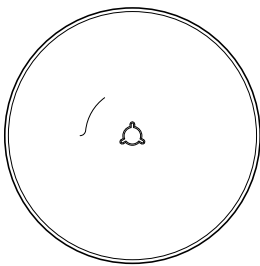
Product Marking:

Marking	KH+Printing (Inductance+period)
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Reel Dimension: [mm]



Packaging Quantity:



500 Pcs/Reel

2 Reel /Inner box(1000 Pcs)

2 Inner box/Carton box(2K Pcs)

Cautions and Warnings:

Storage Conditions:

Operation Instructions: