



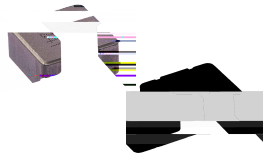
MDA Series

SMD Low Profile High Current Molded Inductor

Size 1350

FEATURES

- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- 100% Lead(Pb)-Free and RoHS compliant.



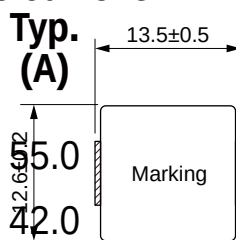
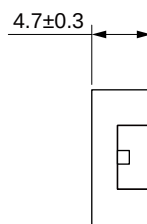
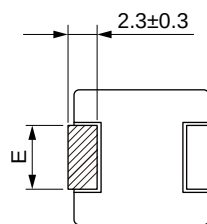
APPLICATION

- HVAC
- Audio subsystem
- Digital instrument cluster

Dimensions [mm]

Temperature

Rise Current

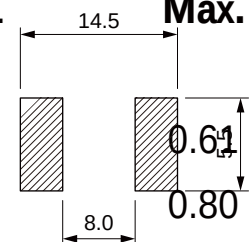


Land Pattern: [mm] DC

Resistance Resistance

Typ.

Max.



38.0

34.0

30.0

27.0

24.0

21.0

18.0

15.0

12.0

9.0

6.0

3.0

1.5

0.75

0.375

0.1875

0.09375

0.046875

0.0234375

0.01171875

0.005859375

0.0029296875

0.00146484375

0.000732421875

0.0003662109375

0.00018310546875

9.1552734375e-05

4.57763671875e-05

2.288818359375e-05

1.1444091796875e-05

5.7220458984375e-06

2.86102294921875e-06

1.430511474609375e-06

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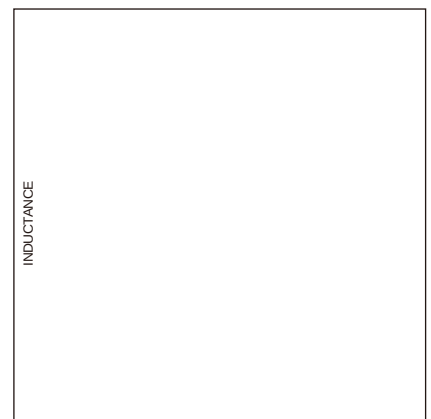
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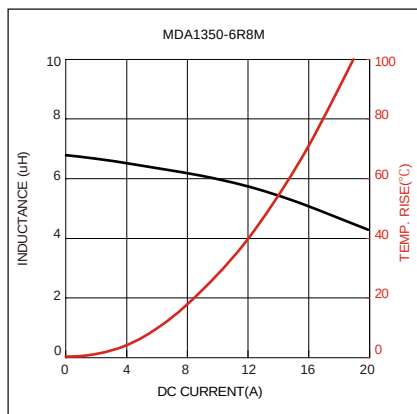
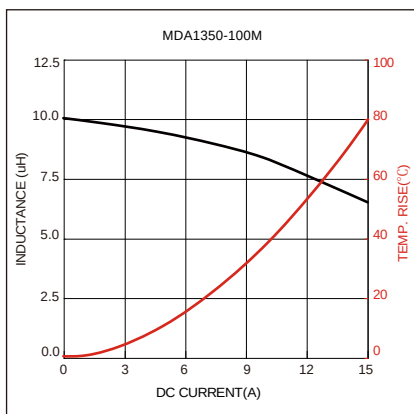
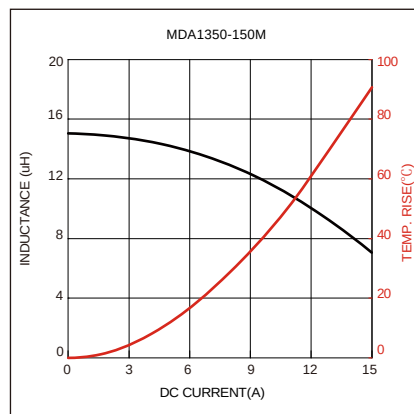
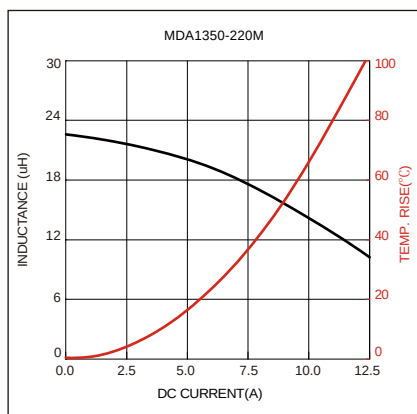
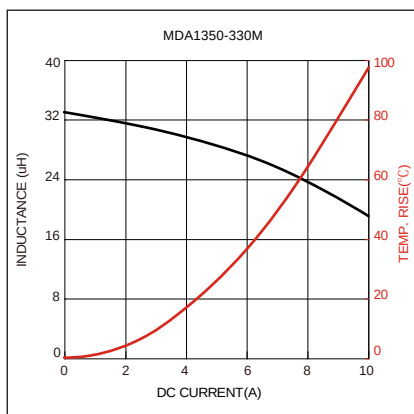
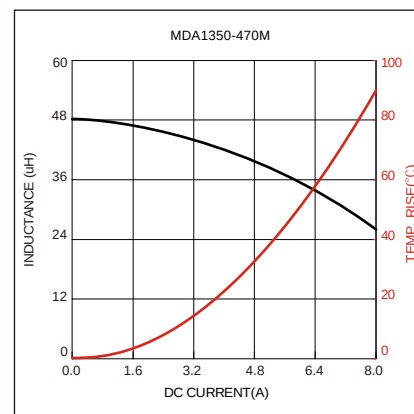
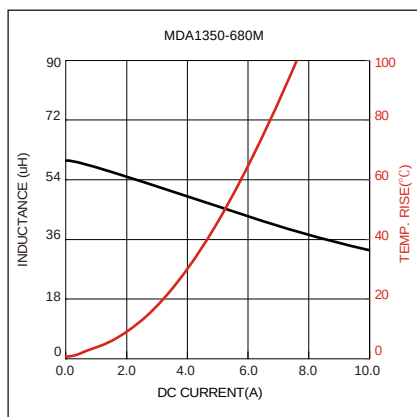
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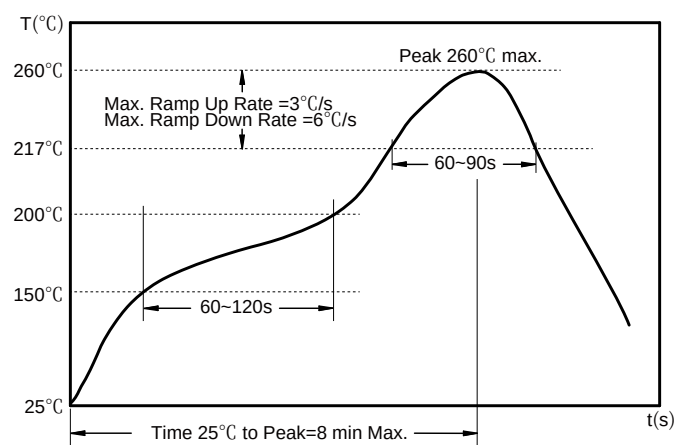
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Typical Electrical Characteristics:





Soldering Reflow:



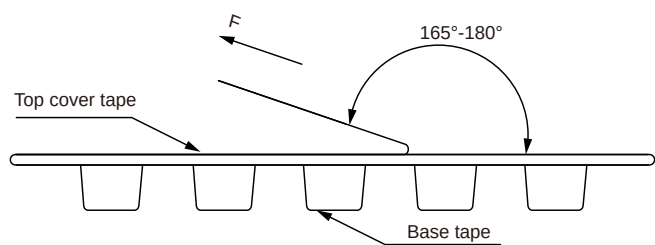
Preheat condition: $150 \sim 200^{\circ}\text{C}$ / 60~120 sec.
Allowed time above 217°C : 60~90 sec.
Max temperature: 260°C .
Max time at max temperature: 10 sec.
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension :

Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDA1350	13.1 ± 0.1	14.0 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	16.0 ± 0.1	24.0 ± 0.3	5.4 ± 0.1	1.75 ± 0.1	0.50 ± 0.05

Peel force of top cover tape:

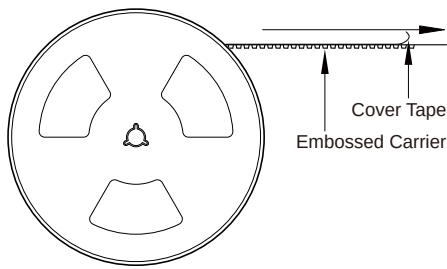


The peel force of top cover tape shall be between 0.1 to 1.3 N

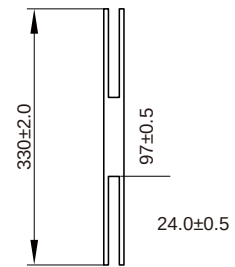
Product Marking:

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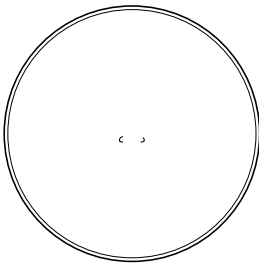
Reel Dimension : [mm]



2.2 ± 0.5



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: