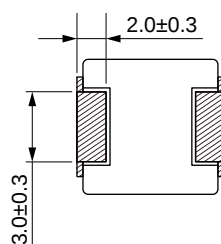
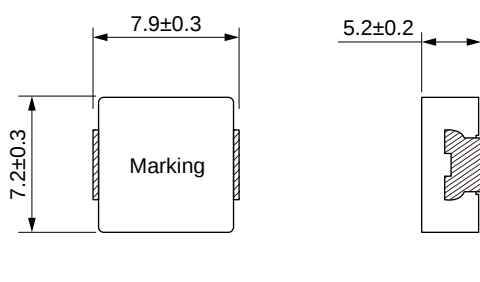


## MDA T Series

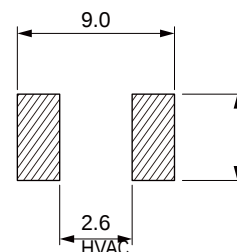
Size 7054



Dimensions: [mm]



Land Pattern: [mm]



Doors, window lift and seat control  
Audio subsystem  
Digital instrument cluster  
In-Vehicle Infotainment and navigation

Electrical Properties:

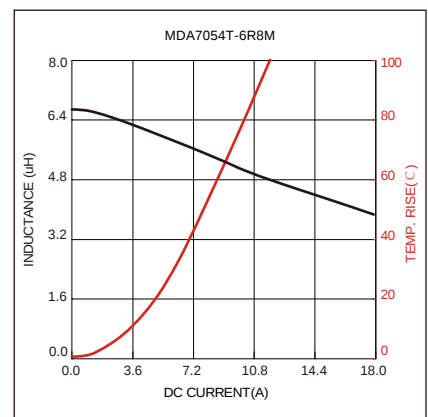
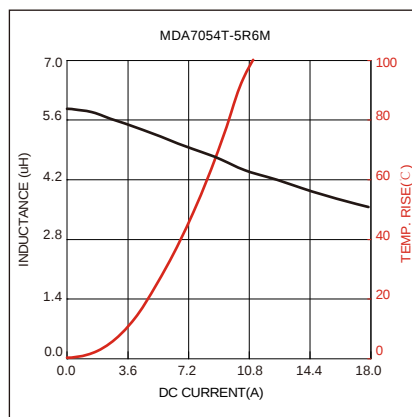
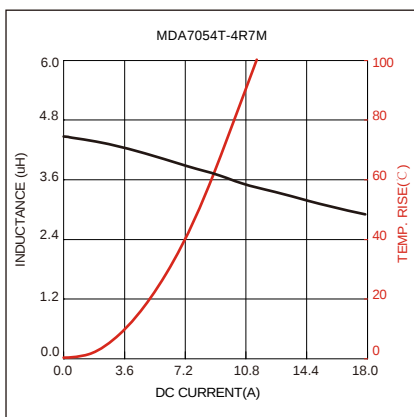
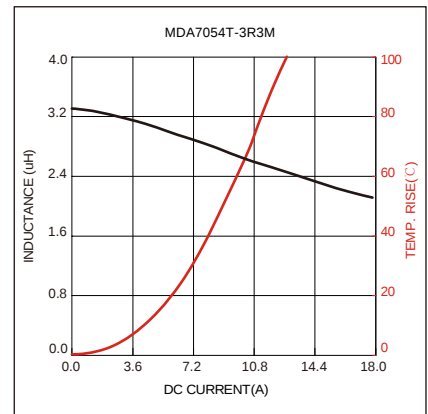
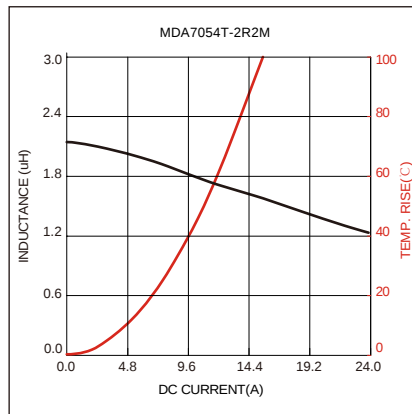
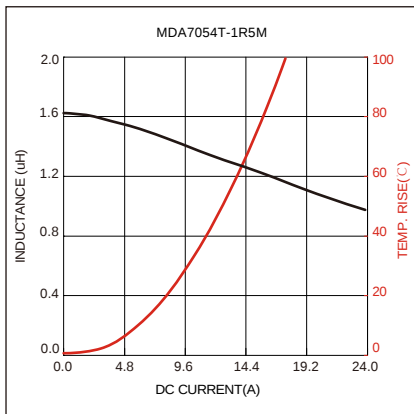
| MDA7054T-1R5M | 1.5  | ±20% | 11.5 | 10.3 | 16.4 | 14.0 | 7.3  | 80 |
|---------------|------|------|------|------|------|------|------|----|
| MDA7054T-2R2M | 2.2  | ±20% | 9.8  | 8.7  | 15.0 | 12.7 | 11.4 | 80 |
| MDA7054T-3R3M | 3.3  | ±20% | 8.0  | 7.2  | 13.5 | 11.6 | 15.4 | 80 |
| MDA7054T-4R7M | 4.7  | ±20% | 7.0  | 6.3  | 13.2 | 11.2 | 20.9 | 80 |
| MDA7054T-5R6M | 5.6  | ±20% | 6.5  | 5.6  | 10.6 | 9.2  | 24.0 | 80 |
| MDA7054T-6R8M | 6.8  | ±20% | 6.2  | 5.5  | 10.2 | 8.7  | 26.6 | 80 |
| MDA7054T-8R2M | 8.2  | ±20% | 5.8  | 5.0  | 9.2  | 7.7  | 31.9 | 80 |
| MDA7054T-100M | 10.0 | ±20% | 5.2  | 4.7  | 8.1  | 6.9  | 38.0 | 80 |
| MDA7054T-150M | 15.0 | ±20% | 3.8  | 3.4  | 7.0  | 5.9  | 66.0 | 80 |
| MDA7054T-220M | 22.0 | ±20% | 3.3  | 3.0  | 6.3  | 5.4  | 93.5 | 80 |

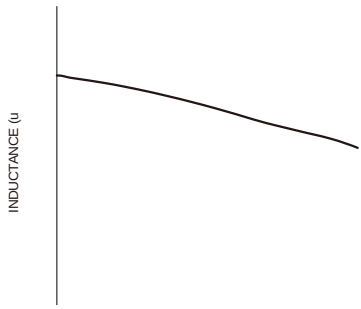
|               |      |      |     |     |     |     |       |    |
|---------------|------|------|-----|-----|-----|-----|-------|----|
|               |      |      |     |     |     |     |       |    |
| MDA7054T-330M | 33.0 | ±20% | 3.2 | 2.8 | 4.9 | 4.2 | 127.6 | 80 |
| MDA7054T-470M | 47.0 | ±20% | 2.5 | 2.2 | 4.2 | 3.5 | 171.6 | 80 |
| MDA7054T-560M | 56.0 | ±20% | 2.2 | 2.0 | 3.3 | 2.8 | 209.3 | 80 |
| MDA7054T-680M | 68.0 | ±20% | 2.0 | 1.8 | 2.8 | 2.4 | 255.0 | 80 |
| MDA7054T-101M | 100  | ±20% | 1.8 | 1.6 | 2.4 | 2.0 | 348.0 | 55 |

Saturation Current will cause L to drop approximately 30%

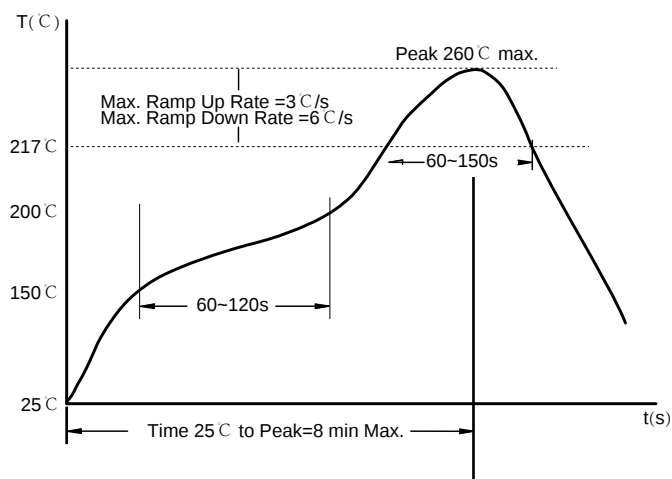
Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^{\circ}\text{C}$

## Typical Electrical Characteristics:





Soldering Reflow:

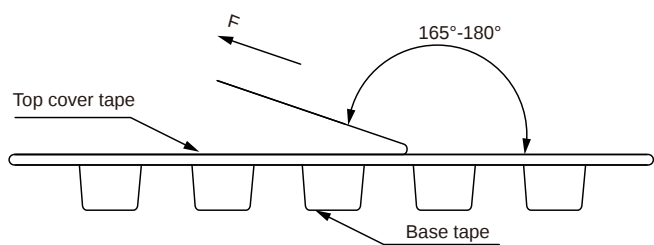


Preheat condition:  $150 \sim 200^{\circ}\text{C} / 60 \sim 120 \text{ sec.}$   
Allowed time above  $217^{\circ}\text{C}$ : 60~150 sec.  
Max temperature:  $260^{\circ}\text{C}$ .  
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension :

Peel force of top cover tape:

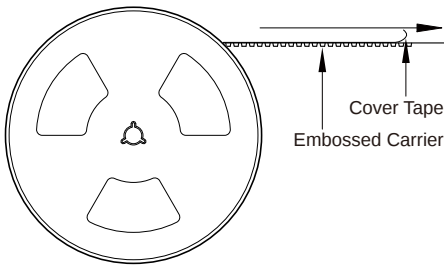


The peel force of top cover tape shall be between 0.1 to 1.3 N

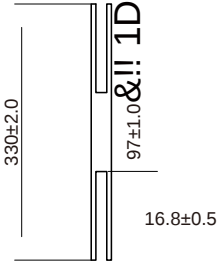
Product Marking:

|         |                                |
|---------|--------------------------------|
| Marking | K+Printing (Inductance+period) |
|---------|--------------------------------|

Reel Dimension: [mm]



2.2±0.5



Packaging Quantity: