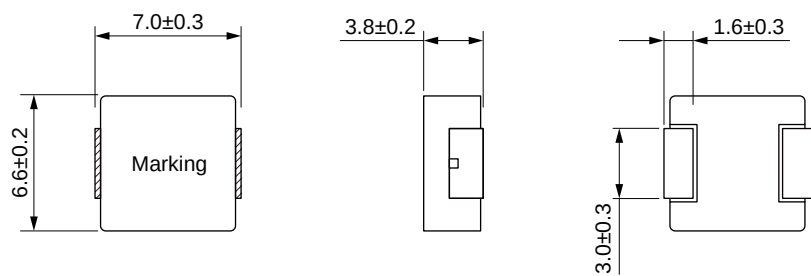
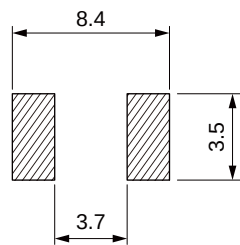


**MDA Series**  
**SMD Low Profile High Current Molded Inductor**  
**Size 7040**

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

| Part No | Inductance<br>@ 100KHz/1V | Tolerance | Temperature<br>Rise Current<br>Typ.<br>(A) | Current<br>Typ.<br>(A) | DC<br>Resistance<br>Max. |
|---------|---------------------------|-----------|--------------------------------------------|------------------------|--------------------------|
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         | 1.00                      |           |                                            |                        |                          |

| Part No | Inductance<br>@ 100KHz/1V | Tolerance | Temperature<br>Rise Current<br>Typ.<br>(A) | Current<br>Typ.<br>(A) | DC<br>Resistance<br>Max. |
|---------|---------------------------|-----------|--------------------------------------------|------------------------|--------------------------|
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |
|         |                           |           |                                            |                        |                          |

Saturation Current will cause L to drop approximately 30%

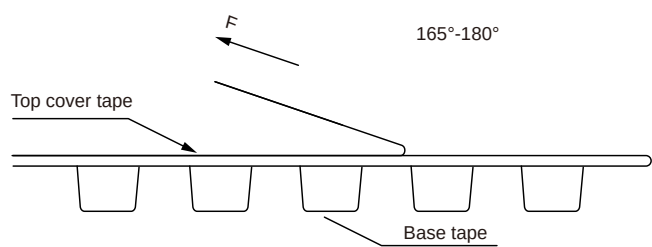
Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^{\circ}\text{C}$

Soldering Reflow:

Packaging Information:

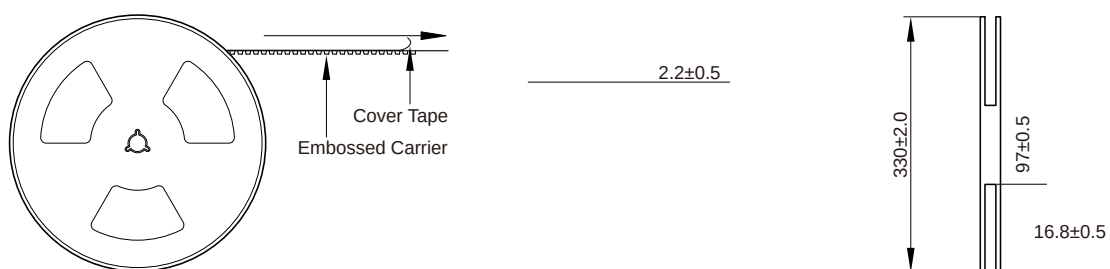
Tape Dimension :

Peel force of top cover tape:



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

Reel Dimension: [mm]



Packaging Quantity:

1000Pcs/Reel

2 Reel /Inner box( 2K Pcs)