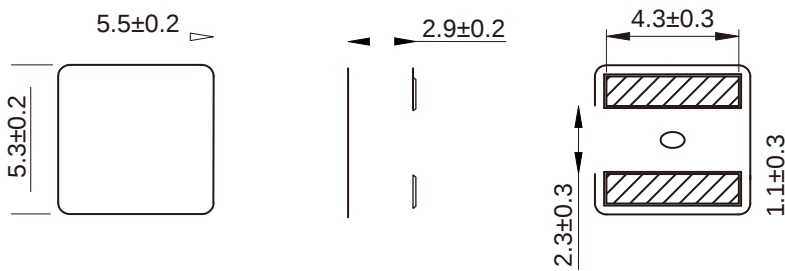


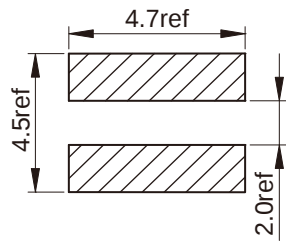
**MDTA Series**  
 Flat Wire Molded Inductor  
 Size 5030



Dimensions: [mm]



Land Pattern: [mm]



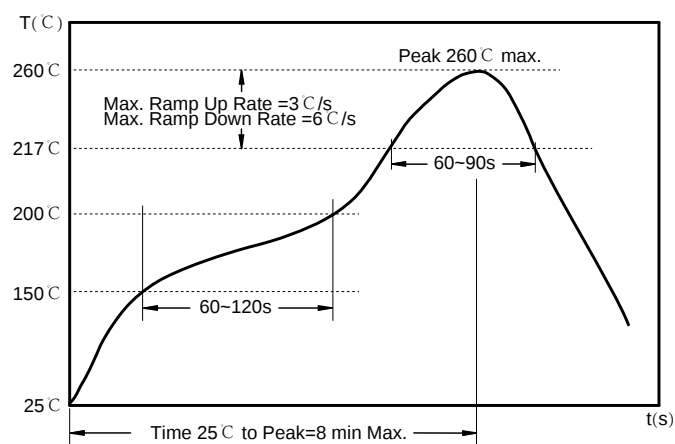
Electrical Properties:

L@100KHz /0.1V

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## Typical Electrical Characteristics:

Soldering Reflow:



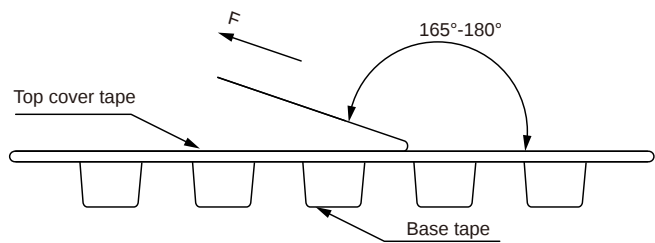
Preheat condition:  $150 \sim 200^{\circ}\text{C} / 60 \sim 120 \text{ sec.}$   
Allowed time above  $217^{\circ}\text{C}$  : 60~90 sec.  
Max temperature:  $260^{\circ}\text{C}$  .  
Max time at max temperature: 10 sec.  
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension :

| Series   | A0 (mm)       | B0 (mm)       | D (mm)        | P0 (mm)       | P1 (mm)       | W (mm)         | K0 (mm)       | E (mm)         | T (mm)          |
|----------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|----------------|-----------------|
| MDTA5030 | $6.0 \pm 0.1$ | $5.7 \pm 0.1$ | $1.5 \pm 0.1$ | $4.0 \pm 0.1$ | $8.0 \pm 0.1$ | $16.0 \pm 0.3$ | $3.3 \pm 0.1$ | $1.75 \pm 0.1$ | $0.35 \pm 0.05$ |

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 | Printing (Inductance) |
|---------|-----------------------|
|---------|-----------------------|

Reel Dimension: [mm]



Packaging Quantity: