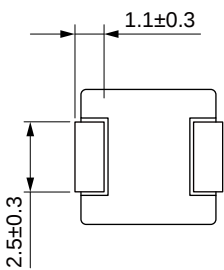
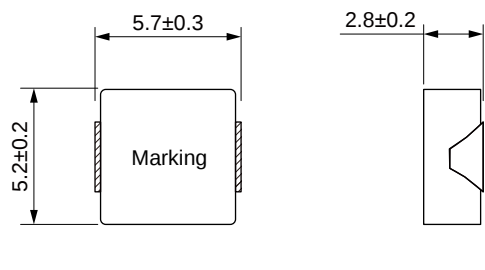


MDA Series  
SMD Low Profile High Current Molded Inductor  
Size 5030

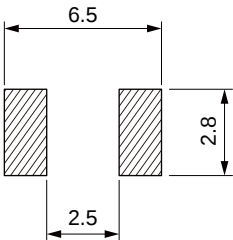
FEATURES

- Shielded construction
- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- 
- 
- 
- 
- 

Dimensions: [mm]



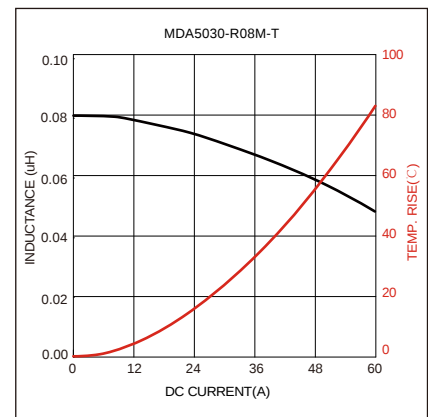
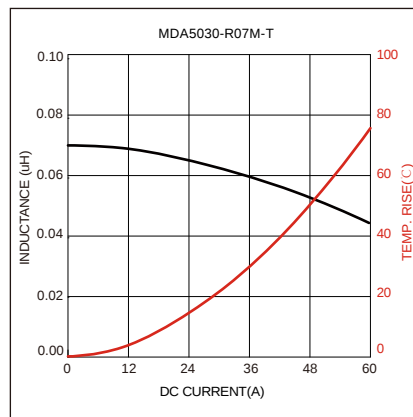
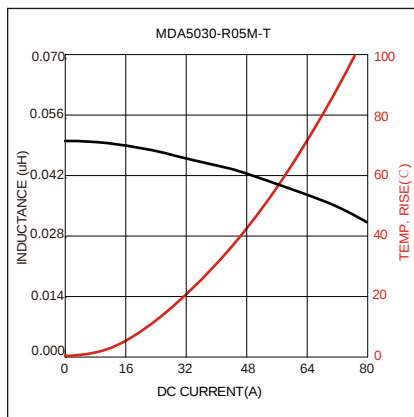
Land Pattern: [mm]



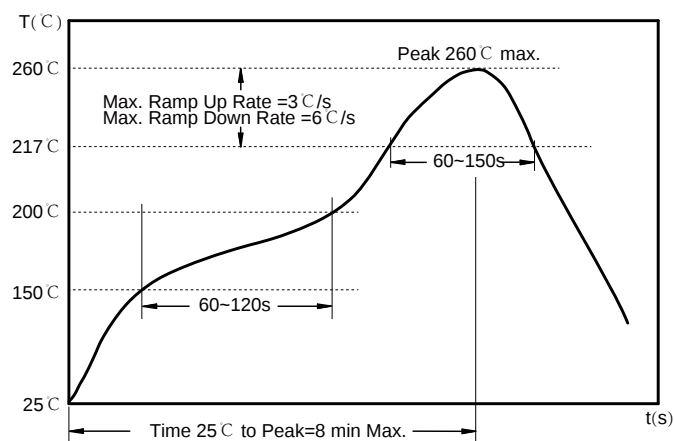
Electrical Properties:

| MDA5030-R05M-T | 0.05 | ±20% | 46 | 68 | 0.57 | 0.63 |
|----------------|------|------|----|----|------|------|
| MDA5030-R07M-T | 0.07 | ±20% | 42 | 52 | 0.64 | 0.71 |
| MDA5030-R08M-T | 0.08 | ±20% | 40 | 50 | 0.74 | 0.85 |

## Typical Electrical Characteristics:



Soldering Reflow:



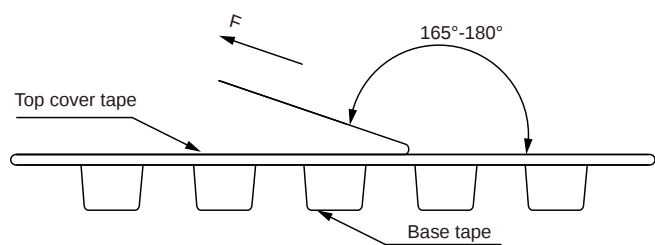
Preheat condition: 150 ~200℃ / 60~120 sec.  
Allowed time above 217℃ : 60~150 sec.  
Max temperature: 260℃ .  
Max time at max temperature: 10 sec.  
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension :

| Series    | A0 (mm)   | B0 (mm)   | D (mm)    | P0 (mm)   | P1 (mm)   | W (mm)     | K0 (mm)   | E (mm)     | T (mm)      |
|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-------------|
| MDA5030-T | 5.5 ± 0.1 | 6.2 ± 0.1 | 1.5 ± 0.1 | 4.0 ± 0.1 | 8.0 ± 0.1 | 12.0 ± 0.3 | 3.3 ± 0.1 | 1.75 ± 0.1 | 0.35 ± 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+period) |
|---------|-----------------------------|

Reel Dimension: [mm]

Packaging Quantity: