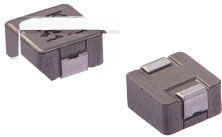


# MDA Series

## SMD Low Profile High Current Molded Inductor

### Size 5030



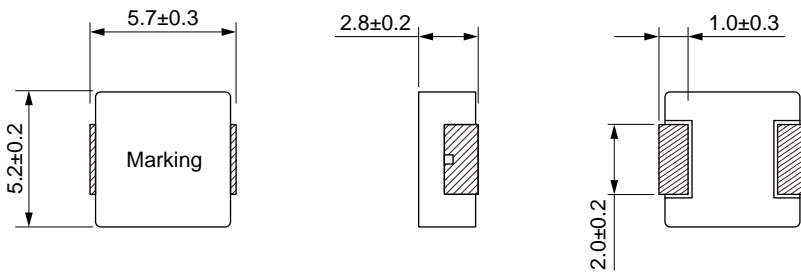
#### FEATURES

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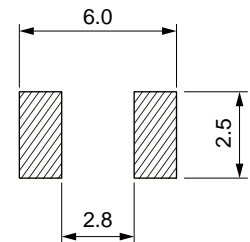
#### APPLICATION

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Dimensions: [mm]



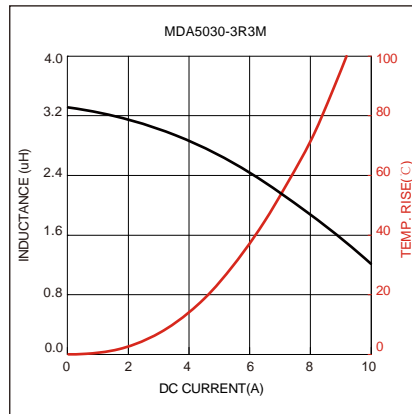
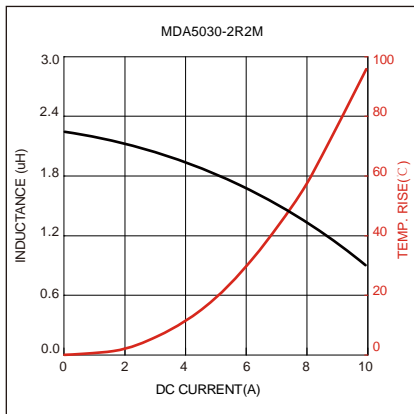
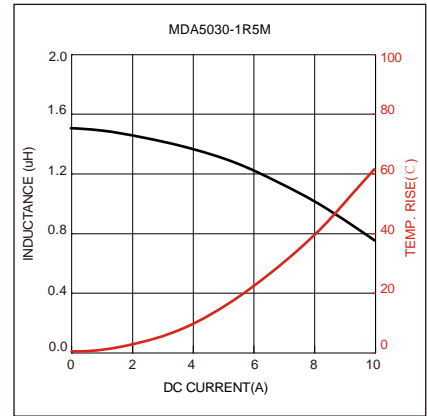
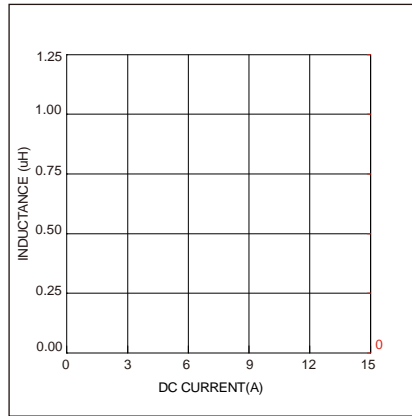
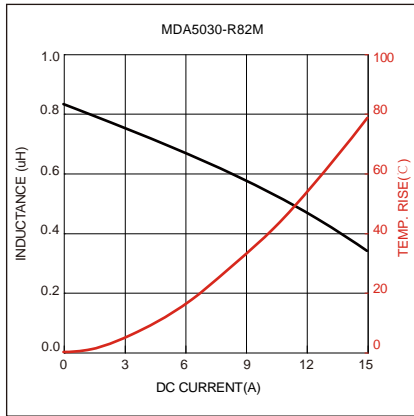
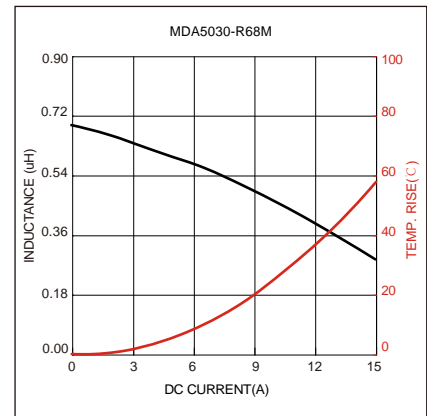
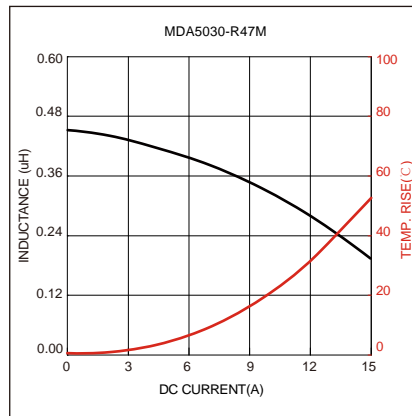
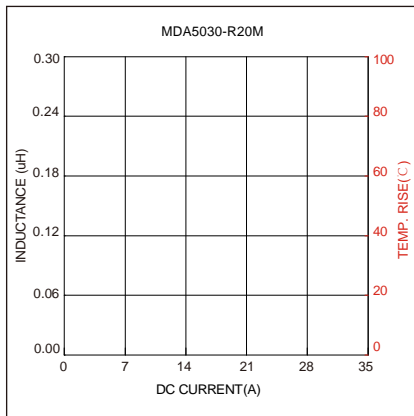
Land Pattern: [mm]



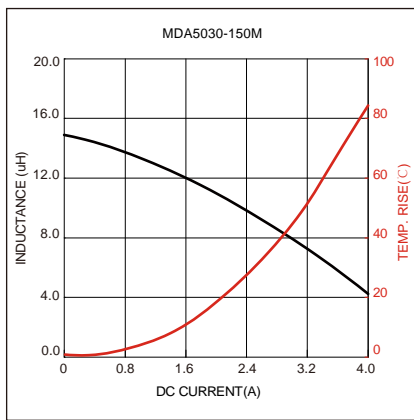
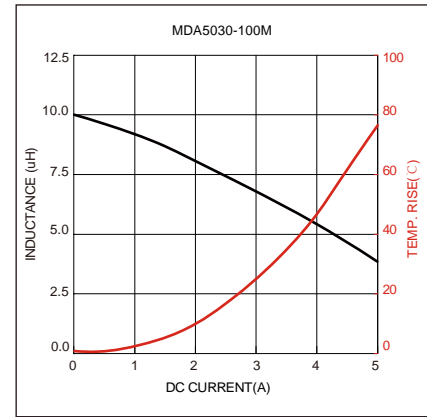
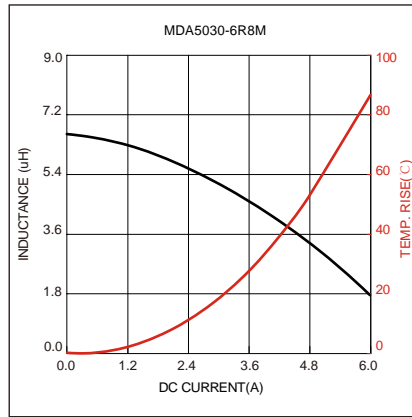
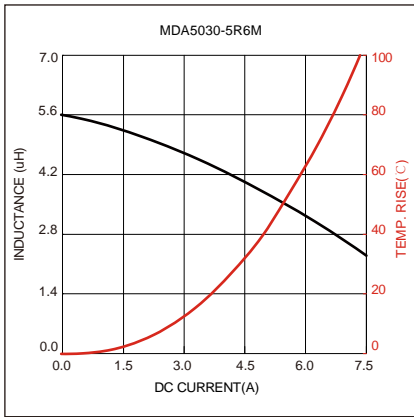
Electrical Properties:

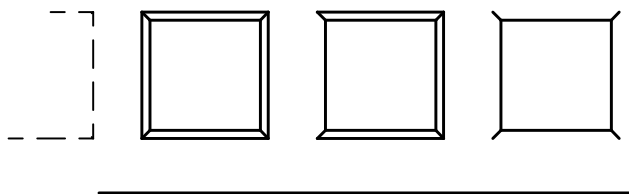
| Part No | Inductance @ 100KHz/1V (μH) | Tolerance | Temperature Rise Current Typ. (A) | Temperature Rise Current Max. (A) | Saturation Current Typ. (A) | Saturation Current Max. (A) | DC Resistance Typ. (mΩ) | DC Resistance Max. (mΩ) |
|---------|-----------------------------|-----------|-----------------------------------|-----------------------------------|-----------------------------|-----------------------------|-------------------------|-------------------------|
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |
|         |                             |           |                                   |                                   |                             |                             |                         |                         |

## Typical Electrical Characteristics:



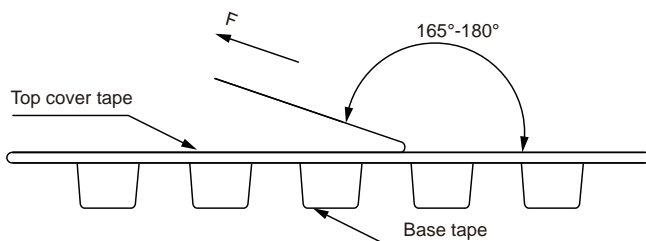
## Typical Electrical Characteristics:





| Series  | A0 (mm)  | B0 (mm)  | D (mm)   | P0 (mm)  | P1 (mm)  | W (mm)    | K0 (mm)  | E (mm)    | T (mm)     |
|---------|----------|----------|----------|----------|----------|-----------|----------|-----------|------------|
| MDA5030 | 5.5± 0.1 | 5.9± 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:

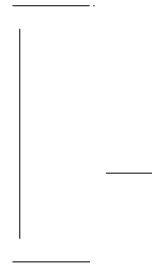
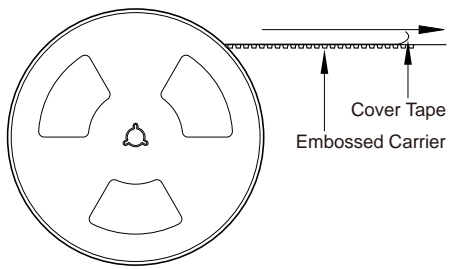


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

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

Reel Dimension: [mm]



Packaging Quantity: