# MDTA Series

Flat Wire Molded Inductor

Size 6050

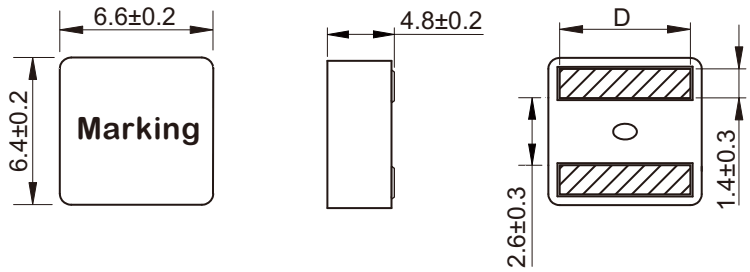
## FEATURES

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- Composoite core material allows high saturation currents
- Very low acoustic noise and very low leakage flux noise
- n apability and handles high t ansien n k
- C-Q200 qualified
- Operating temperature -55 to +155 ℃ (Including self - temperature rise)
- Quantity: 800pcs

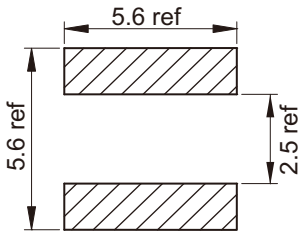
## APPLICATION

- DC/DC converters for entertainment/navigation systems
  ession s: windshield
  power mirrors / heating and ventilation blowers / HID lighting
- LED driv

## Dimensions: [mm]



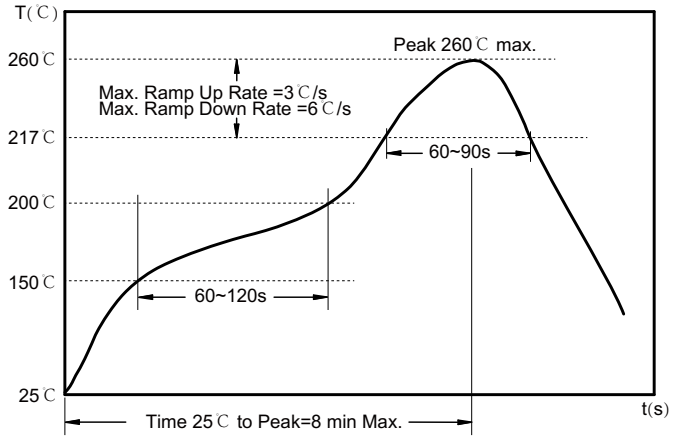

## Land Pattern: [mm]




## Electrical Properties:

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

## Soldering Reflow:




Preheat condition: 150 ~200℃/ 60~120 sec.

Allowed time above 217℃: 60~90 sec.

Max temperature: 260℃.

Max time at max temperature: 10 sec.

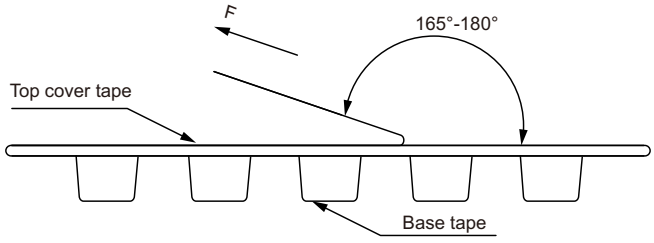
Allowed Reflow time: 2x max.

## Packaging Information:

### Tape Dimension:

| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|---|---|---|---|---|---|---|---|---|---|
| MDTA6050 | 7.0±0.1 | 6.8±0.1 | 1.5±0.1 | 4.0±0.1 | 12.0±0.1 | 16.0±0.3 | 5.3±0.1 | 1.75±0.1 | 0.40±0.05 |

### Peel force of top cover tape:

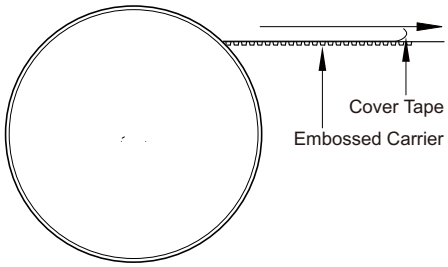



The peel force of top cover tape shall be between 0.1 to 1.3 N

### Product Marking:

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

Reel Dimension：[mm]




Packaging Quantity: