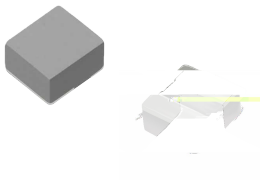
# MDTE Series

Wire Wound Molded SMD Power Inductors

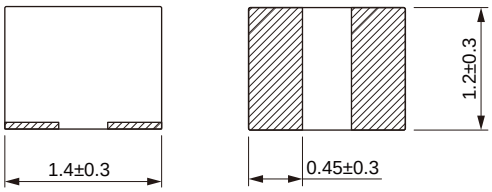
Size 141208



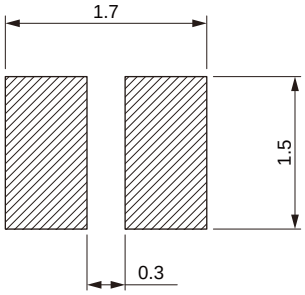
**FEATURES**

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- l λƎK ŏʤNNŜyűžƒƨǿ 5 / wžKλƎK ŝŶŏλŜyŏè
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- l λƎK NNŜfλl·ōλfλűè
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- hLJŜNNl·əyƎ űŜYˇLJŜNNl·úʤNNŜ ππлчьмнр℃
-

## Dimensions: [mm]




## Land Pattern: [mm]




## Electrical Properties:

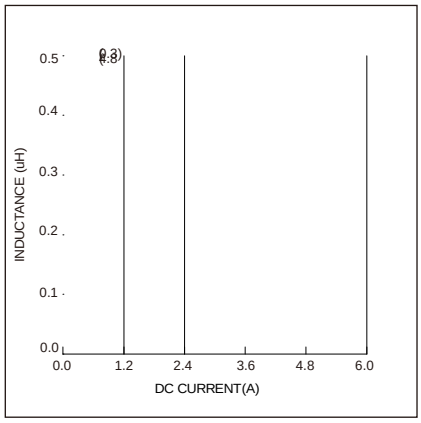
| Part No | Inductance @ 1MHz/1V | Tolerance | Current Typ. | Current Max. | Temperature Rise Current Typ. | Temperature Rise Current Max. | DC Resistance Max. |
|---|---|---|---|---|---|---|---|
| MDTE141208-R33M | 0.33 | ±20% | 5.3 | 5.0 | 4.0 | 3.5 | 28 |
| MDTE141208-R47M | 0.47 | ±20% | 4.6 | 4.2 | 3.8 | 3.3 | 35 |

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C


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

# Typical Electrical Characteristics:

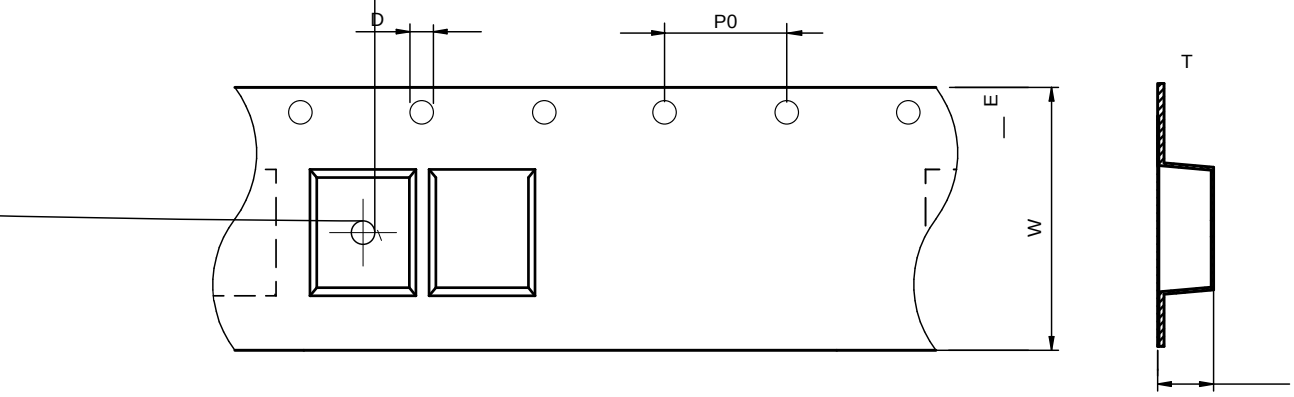



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## Soldering Reflow:

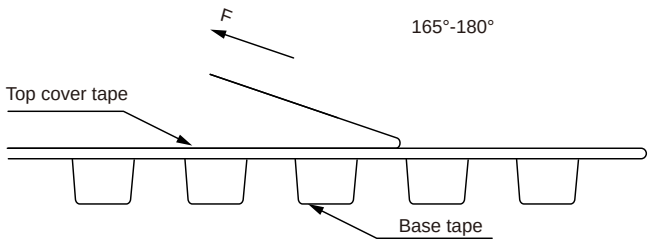
## Packaging Information:

### Tape Dimension:



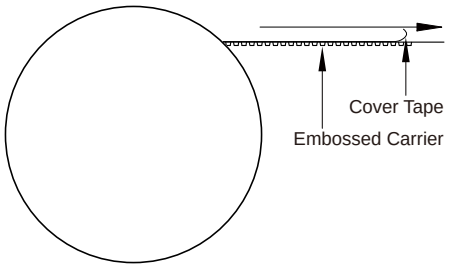

| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|---|---|---|---|---|---|---|---|---|---|
| MDTE141208 | 1.5±0.1 | 1.7±0.1 | 1.5±0.1 | 4.0±0.1 | 4.0±0.1 | 8.0±0.1 | 1.0±0.1 | 1.75±0.1 | 0.25±0.05 |

### Peel force of top cover tape:




The peel force of top cover tape shall be between 0.1 to 0.98 N

Reel Dimension：[mm]




Packaging Quantity: