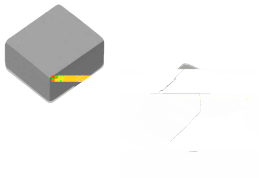
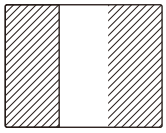
**MDTE Series**
Wire Wound Molded SMD Power Inductors
Size 20161A



Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

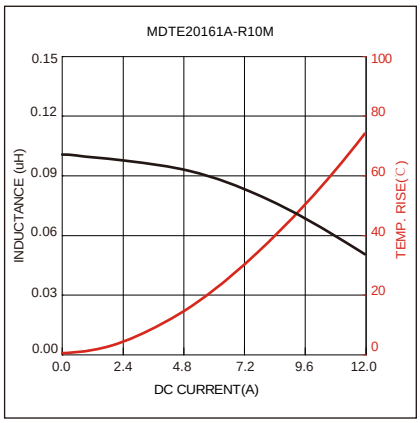
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MDTE20161A-R10M | 0.10 | ±20% | 9.0 | 8.4 | 8.5 | 8.0 | 14 |
| MDTE20161A-R15M | 0.15 | ±20% | 8.7 | 8.0 | 7.6 | 7.0 | 16 |
| MDTE20161A-R24M | 0.24 | ±20% | 7.3 | 7.0 | 6.8 | 6.2 | 18 |
| MDTE20161A-R33M | 0.33 | ±20% | 7.0 | 6.5 | 6.5 | 6.0 | 20 |
| MDTE20161A-R47M | 0.47 | ±20% | 6.3 | 5.5 | 6.0 | 5.5 | 22 |
| MDTE20161A-R68M | 0.68 | ±20% | 5.2 | 4.7 | 5.0 | 4.5 | 31 |
| MDTE20161A-1R0M | 1.00 | ±20% | 4.8 | 4.2 | 4.0 | 3.7 | 46 |
| MDTE20161A-1R5M | 1.50 | ±20% | 3.5 | 3.1 | 3.4 | 3.0 | 96 |
| MDTE20161A-2R2M | 2.20 | ±20% | 3.0 | 2.8 | 2.8 | 2.5 | 138 |
| MDTE20161A-3R3M | 3.30 | ±20% | 2.3 | 2.0 | 1.7 | 1.5 | 170 |

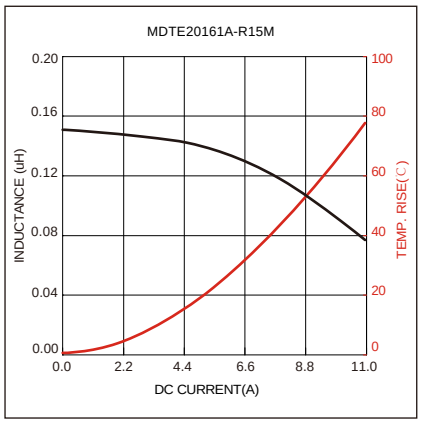
Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

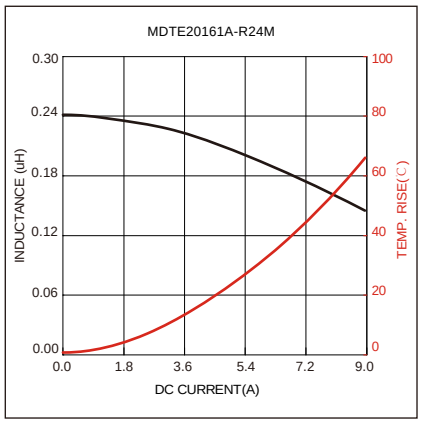


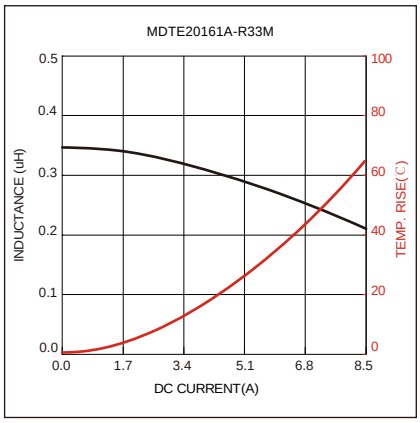
KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

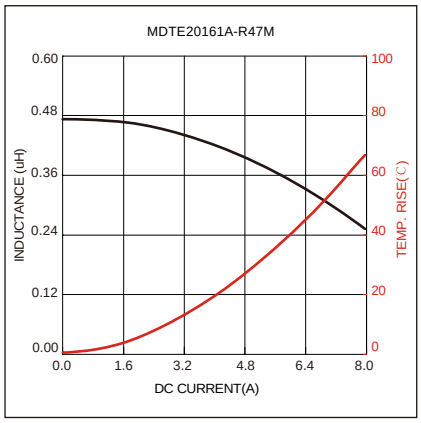
# Typical Electrical Characteristics:

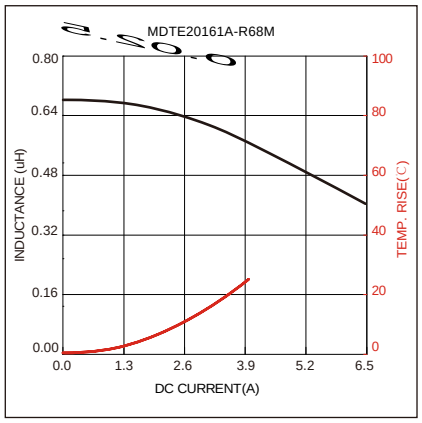


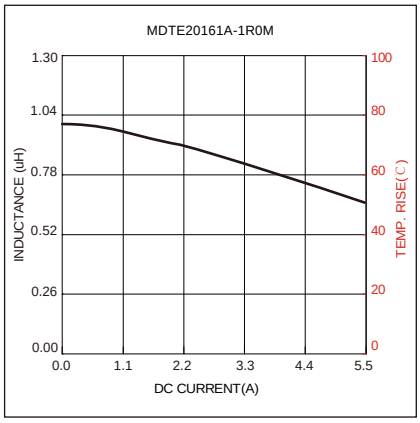



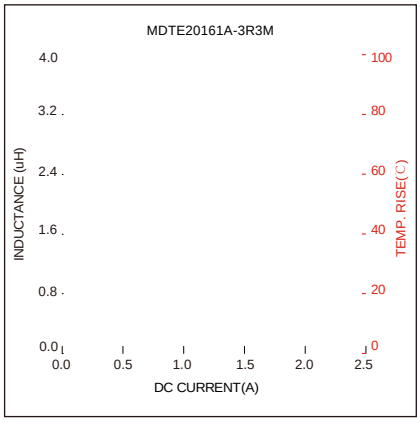



## Soldering Reflow:

## Packaging Information:

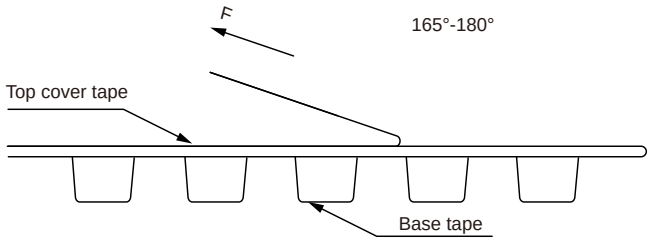
Tape Dimension:



| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|---|---|---|---|---|---|---|---|---|---|
| MDTE20161A | 1.9 ± 0.1 | 2.3 ± 0.1 | 1.5 ± 0.1 | 4.0 ± 0.1 | 4.0 ± 0.1 | 8.0 ± 0.1 | 1.2 ± 0.1 | 1.75 ± 0.1 | 0.25 ± 0.05 |

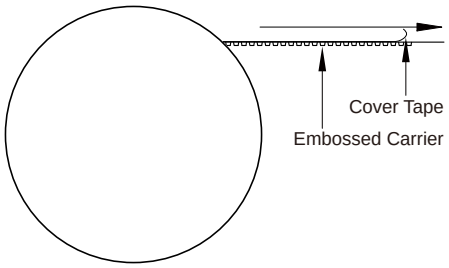
Allowed Reflow

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: