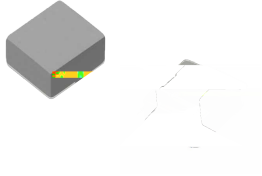


MDTE Series

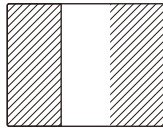
Wire Wound Molded SMD Power Inductors

Size 20161A



Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

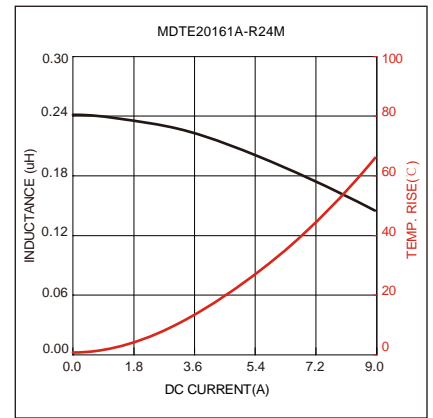
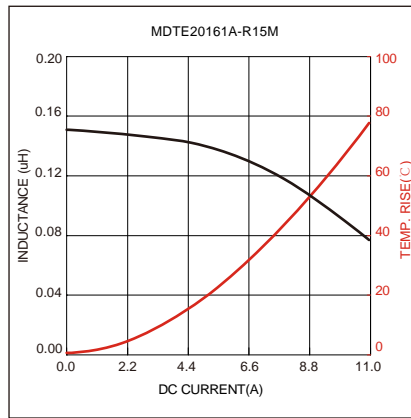
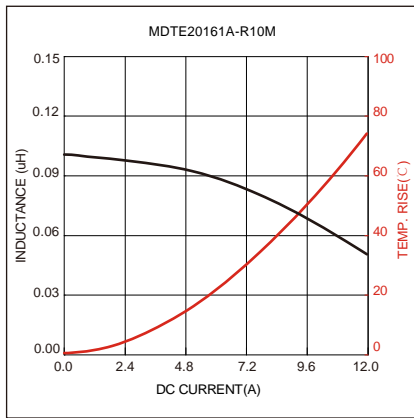
| Part No | Inductance @ 1MHz/1V | Tolerance | Current Typ. | Current Max. | Temperature Rise Current Typ. | Temperature Rise Current Max. | DC Resistance Max. |
|---------|-------------------------|-----------|-----------------|-----------------|-------------------------------------|-------------------------------------|--------------------------|
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Saturation Current will cause L to drop approximately 30%

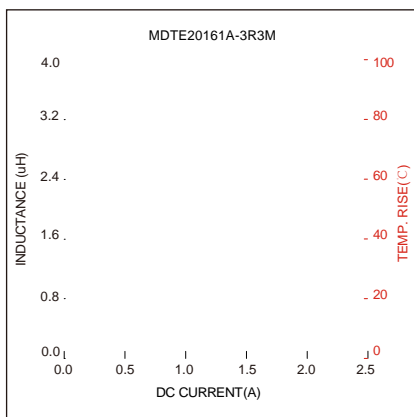
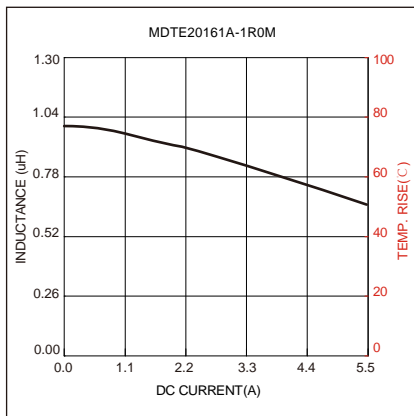
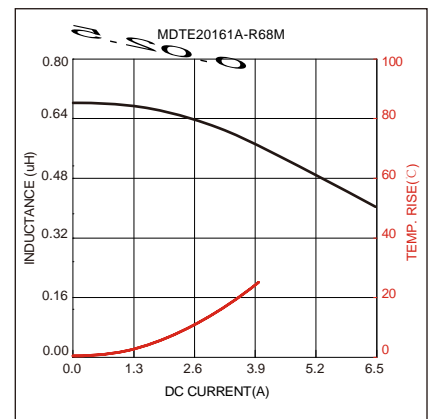
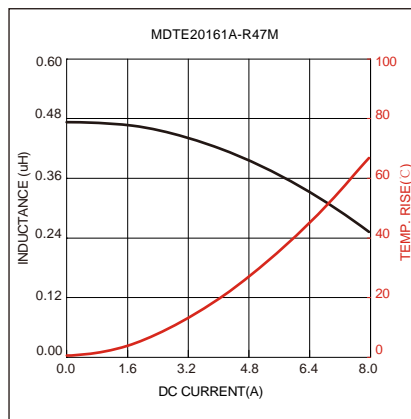
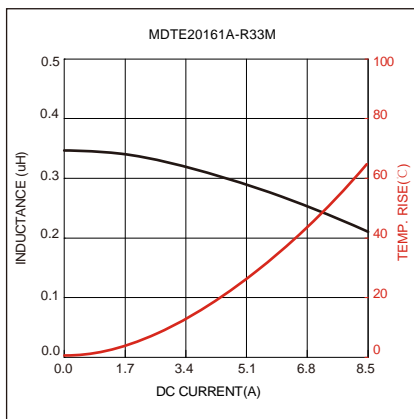
Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$



Typical Electrical Characteristics:



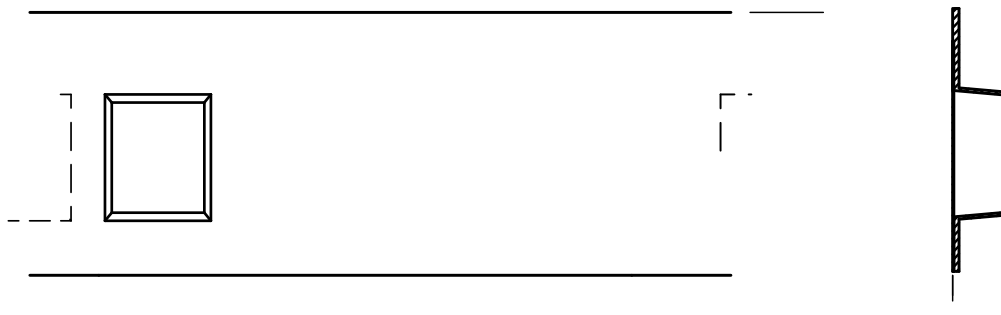
2.52.52.52



Soldering Reflow:

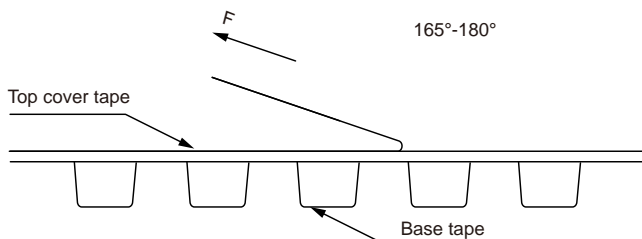
Packaging Information:

Tape Dimension:



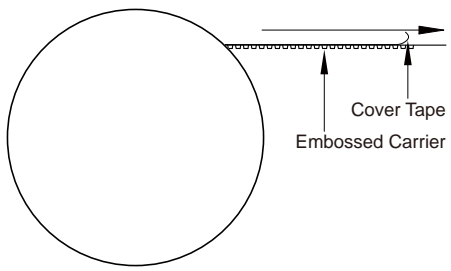
| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|------------|------------|------------|-----------|------------|------------|-----------|------------|-----------|------------|
| MDTE20161A | 1.9± 0.1 | 2.3± 0.1 | 1.5± 0.1 | 4.0± 0.1 | 4.0± 0.1 | 8.0±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

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: