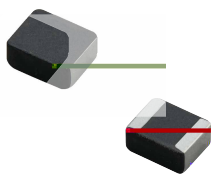


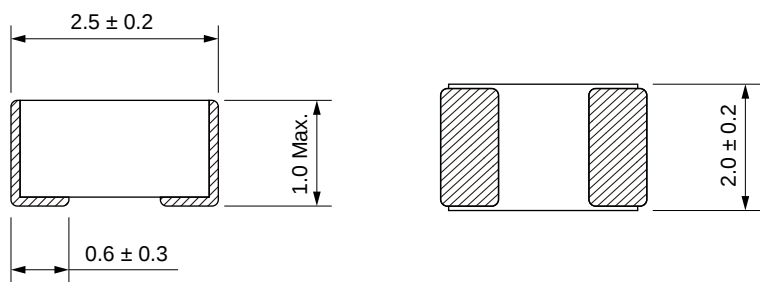
MDE Series  
Molding Power Inductors  
Size 252010S



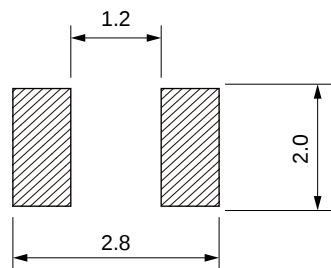
APPLICATION

- Generic in portable DC to DC converter line.
- Smart phone, PAD
- DC/DC converter
- Thin-type power supply module.

Dimensions: [mm]



Land Pattern: [mm]

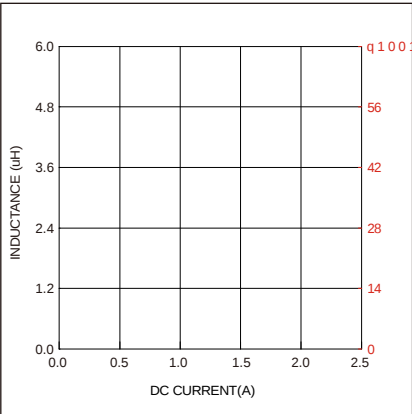
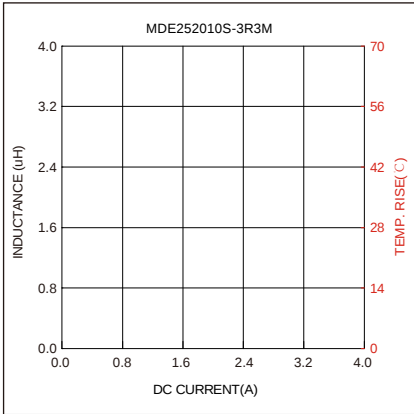
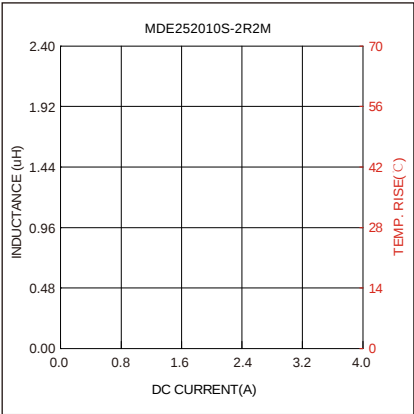
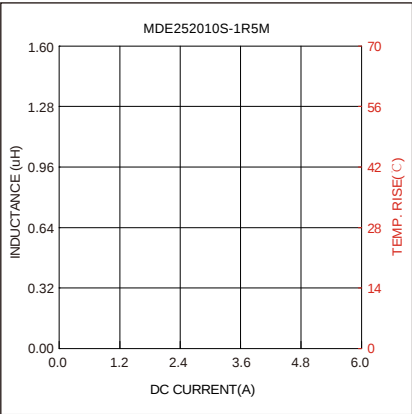
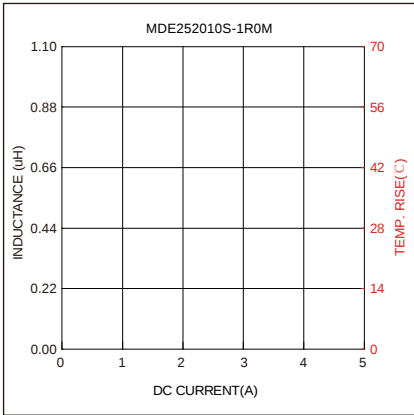
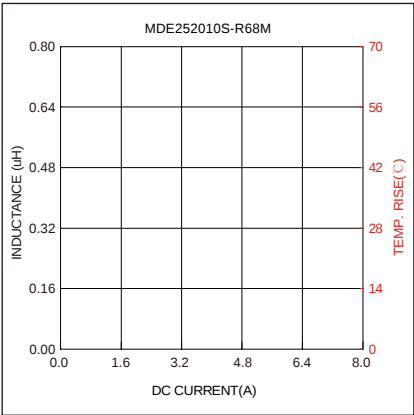
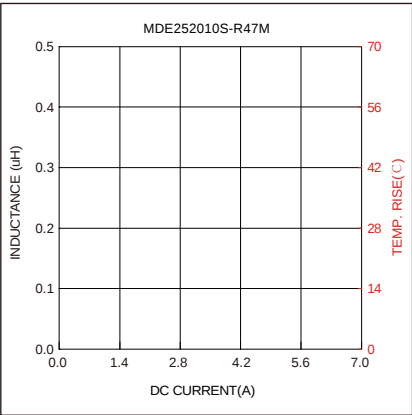


Electrical Properties:

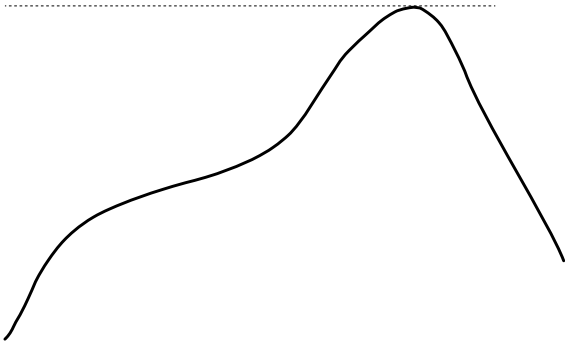
|      |      |      |      |     |     |
|------|------|------|------|-----|-----|
| ±20% | 10   | 13.5 | 10.5 | 9.0 | 6.9 |
| ±20% | 11.5 | 14.5 | 8.8  | 8.0 | 6.6 |
| ±20% | 17   | 22   | 7.8  | 7.0 | 5.6 |
| ±20% | 23   | 29   | 6.6  | 6.0 | 5.2 |
| ±20% | 30   | 36   | 5.5  | 5.0 | 4.3 |
| ±20% | 41   | 52   | 4.4  | 4.0 | 3.4 |
| ±20% | 62   | 72   | 3.8  | 3.4 | 2.9 |
| ±20% | 88   | 110  | 3.3  | 3.0 | 2.4 |
| ±20% | 140  | 160  | 2.5  | 2.2 | 1.9 |
| ±20% | 200  | 240  | 2.2  | 1.9 | 1.6 |



# Typical Electrical Characteristics:



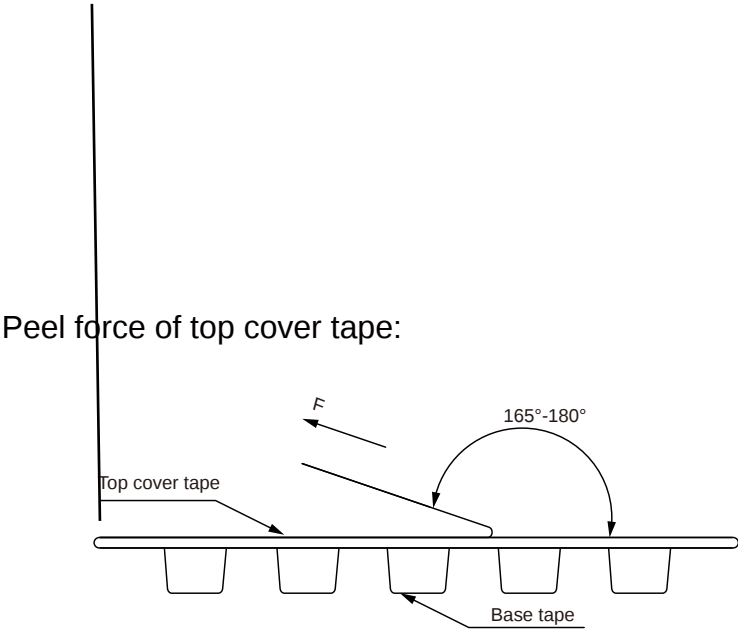
Soldering Reflow:



Preheat condition: 150 ~200 ℃ / 60~180 sec.  
Allowed time above 217 ℃: 60~150 sec.  
Max temperature: 260 ℃.

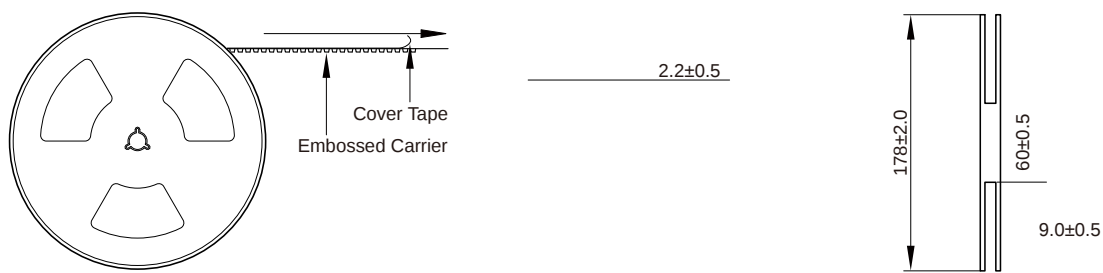
Packaging Information:

Tape Dimension:

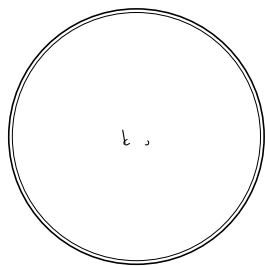


The peel force of top cover tape shall be between 0.1 to 1.3 N

Reel Dimension: [mm]



Packaging Quantity:



3000 Pcs/Reel

5 Reel /Inner box( 15K Pcs)

8 Inner box/Carton box(120K Pcs)

Cautions and Warnings:

Storage Conditions:

Operation Instructions: