MDE Series
Molding Power Inductors
Size 252012S

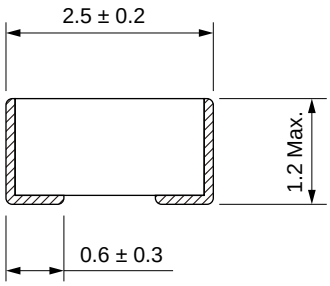
FEATURES

- High satura on current realized by material proper es and structure design.
- Low DC resistance to achieve high conversion e ciency and lower temperature rising.
- Low Profile.
- Magne cally shielded structure to accomplish high resolu on in EMC protec on.
- Halogen free, Lead Free, RoHS Compliance.

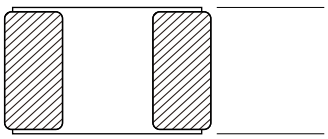
APPLICATION

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

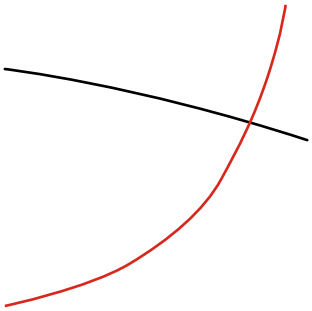
Dimensions: [mm]

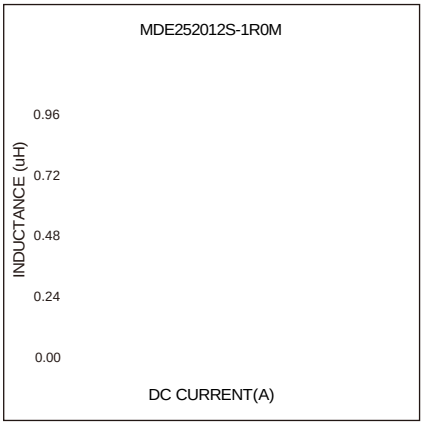


Land Pattern: [mm]



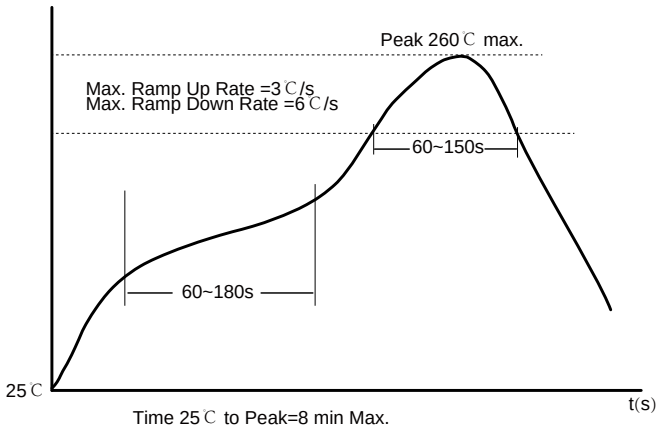
Electrical Properties:




MDE252012S-1R0M
INDUCTANCE (uH)
0.96
0.72
0.48
0.24
0.00
DC CURRENT(A)

60~150s

Soldering Reflow:



Time 25℃ to Peak=8 min Max.

Preheat condition: 150 ~200℃/ 60~180 sec.

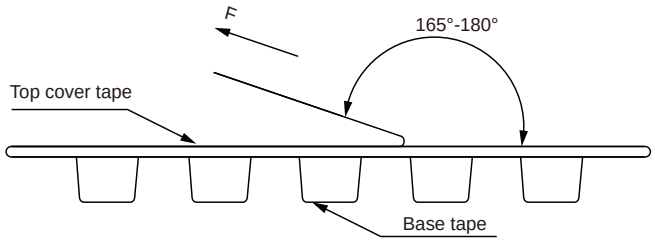
Allowed time above 217℃: 60~150 sec.

Max temperature: 260℃.

Packaging Information:

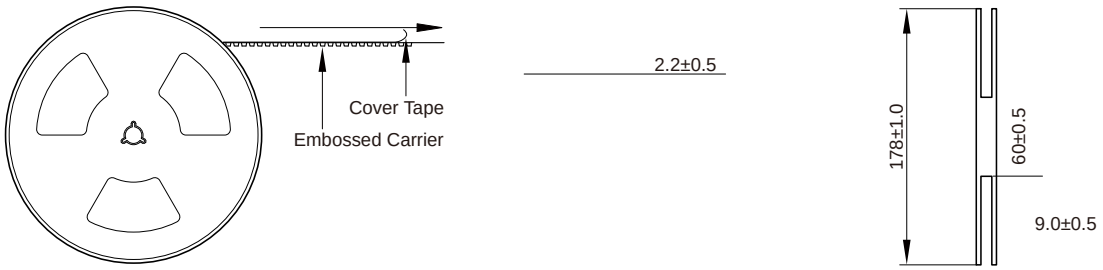
Tape Dimension:

Peel force of top cover tape:



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

Reel Dimension：[mm]



Packaging Quantity: