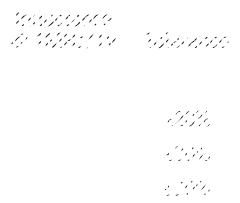


**MDE Series**  
**Molding Power Inductors**  
**Size 252012S**



**FEATURES**

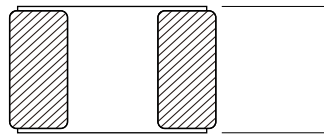
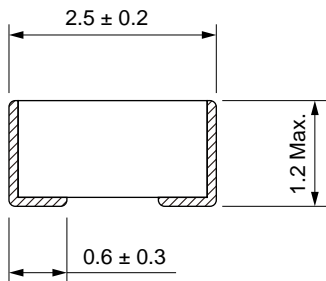
- High saturation current realized by material properties and structure design.
- Low DC resistance to achieve high conversion efficiency and lower temperature rising.
- Low Profile.
- Magnetically shielded structure to accomplish high resolution in EMC protection.
- Halogen free, Lead Free, RoHS Compliance.

Part No.			
252012S-0.1000	0.10		
252012S-0.1500	0.15		

**APPLICATION**

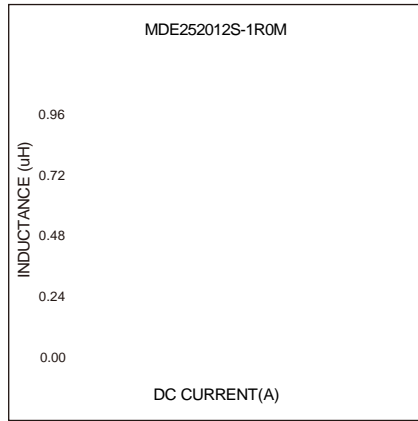
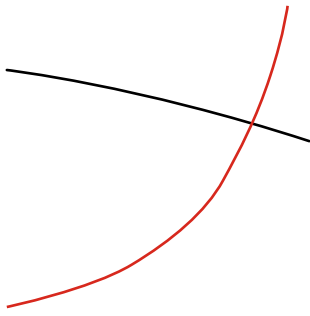
- Generic in portable DC to DC converter line.
- Smart phone, PAD
- DC/DC converter
- Thin-type power supply module.

Dimensions: [mm]

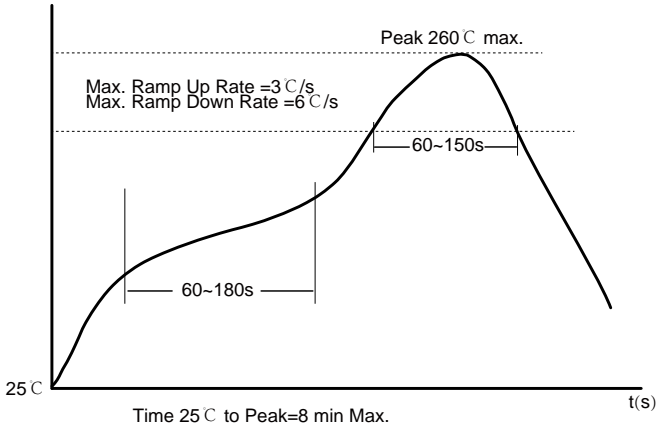


Land Pattern: [mm]

Electrical Properties:



### Soldering Reflow:

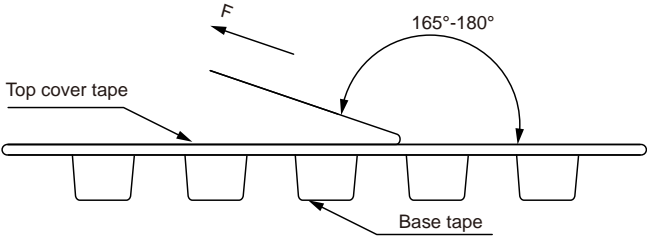


Preheat condition: 150 ~200°C / 60~180 sec.  
Allowed time above 217°C : 60~150 sec.  
Max temperature: 260°C.

### Packaging Information:

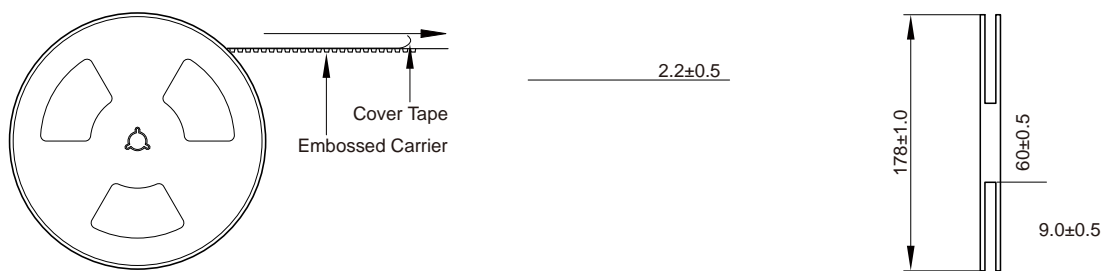
#### Tape Dimension:

#### 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: