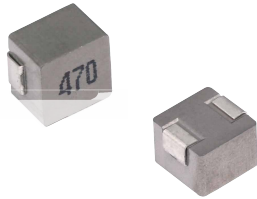


# MDE Series

## Molding Power Inductors

### Size 1260



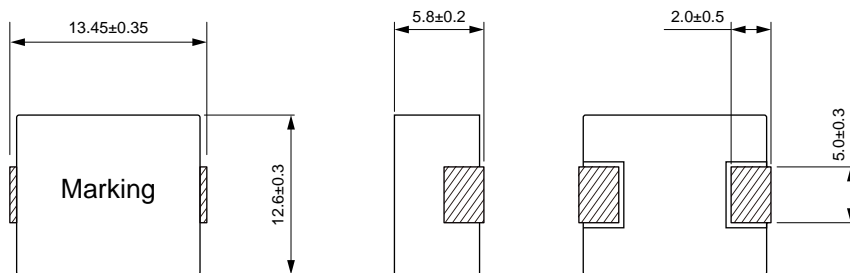
#### FEATURES

- High rated current
- Frequency up to 3 MHz
- 125 C
- Low core loss
- 
- Halogen Free & ROHS compliant
- 
- 

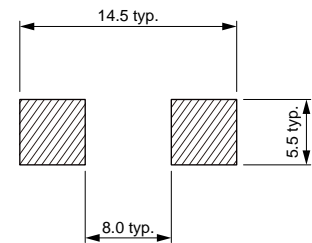
#### APPLICATION

- 
- Switch and servers
- 
- 
- 
- SSD modules

#### Dimensions: [mm]



#### Land Pattern: [mm]



#### Electrical Properties:

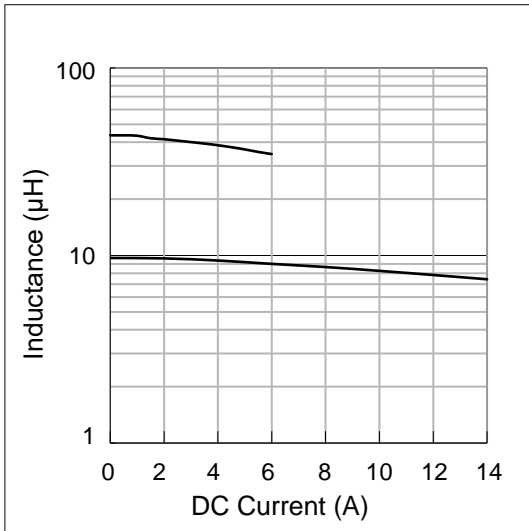
Part No	Inductance @ 100kHz/1V (μH)	Tolerance	DC Resistance Max. (mΩ)	Saturation Current Typ. (A)	Temperature Rise Current Typ. (A)
B					
B				22.5	
B			13.5		
B				13.5	
B				12.5	
B					
B					
B					
B			39.5		
B					
B					
B					
B					
B					
B			235		
B					

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:

### Inductance vs DC Current Characteristics:



### Temperature Rise vs DC Current Characteristics:

