

MDE Series  
Molding Power Inductors  
Size 0412

FEATURES

- High rated current
- Frequency up to 3 MHz
- 125 °C
- SSD modules
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APPLICATION

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Dimensions: [mm]

Land Pattern: [mm]



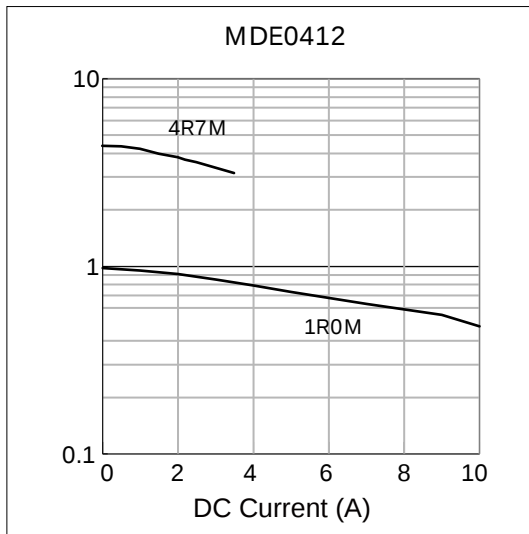
Electrical Properties:

| A | A |  | A    |  | A    |
|---|---|--|------|--|------|
|   |   |  |      |  |      |
|   |   |  |      |  |      |
|   |   |  |      |  |      |
|   |   |  |      |  |      |
|   |   |  |      |  |      |
|   |   |  |      |  | 3.25 |
|   |   |  | 83.5 |  | 2.75 |
|   |   |  | 195  |  |      |

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:

