

MDE Series

Molding Power Inductors

Size 0412



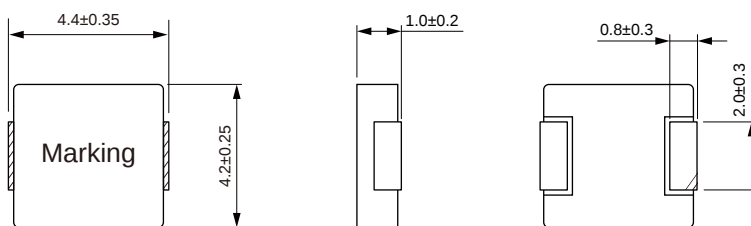
FEATURES

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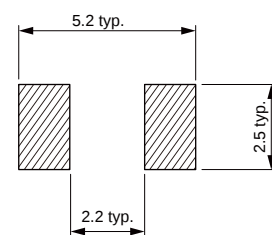
APPLICATION

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- Switch and servers
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- SSD modules

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

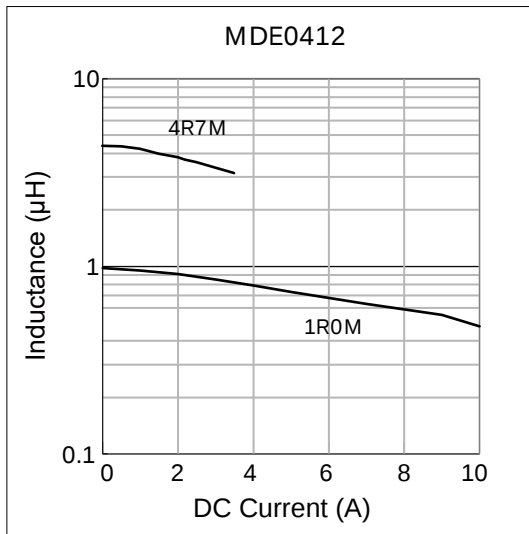
	(μH)		(mΩ)	Saturation	
					3.25
			83.5		2.75
			195		

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:

