MDE Series
Molding Power Inductors
Size 0412

FEATURES

- High rated current
- Frequency up to 3 MHz
- 125℃
- 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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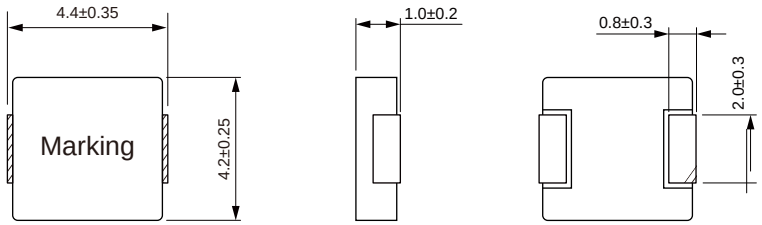
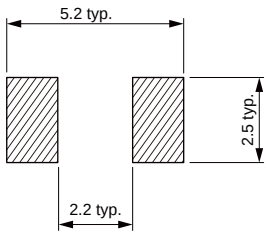
-
-
- SSD modules

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 △T=40°C

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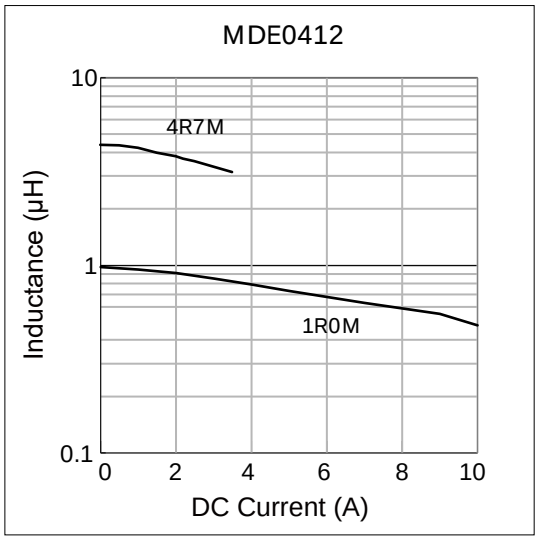
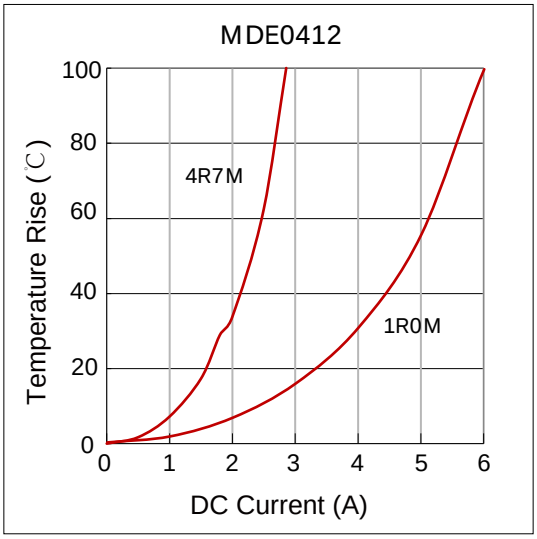
Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics: