

# MDE Series

## Molding Power Inductors

### Size 1240

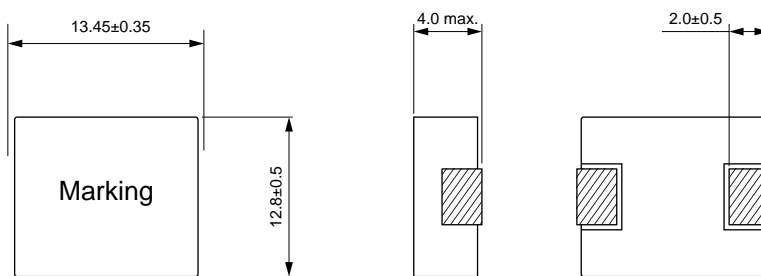
#### FEATURES

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- $^{\circ}\text{C}$  maximum total temperature operation
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- Ultra low buzz noise due to molding construction
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- Operating temperature range -  $55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Quantity: 500pcs

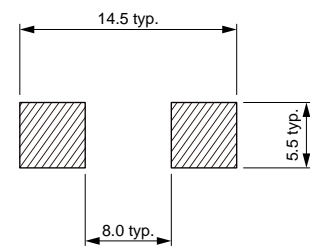
#### APPLICATION

- Laptops and PCs
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- Base stations
- DC/DC converters
- Battery powered devices
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#### Dimensions: [mm]



#### Land Pattern: [mm]

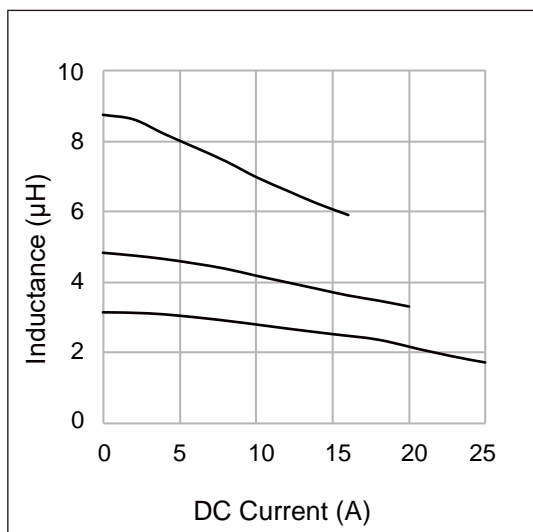


#### Electrical Properties:

	±20%	0.90	50.0	42.0	3.85±0.5
	±20%	2.00	48.0	33.0	3.85±0.5
	±20%	3.50	47.0	28.0	5.00±0.3
	±20%	4.50	40.0	28.0	5.00±0.3
	±20%	7.50	35.0	24.0	5.00±0.3
	±20%	9.50	30.5	20.0	5.00±0.3
	±20%	11.5	26.0	18.0	5.00±0.3
	±20%	13.0	21.0	15.0	5.00±0.3
	±20%	14.5	18.0	13.0	5.00±0.3
	±20%	20.0	14.0	9.00	5.00±0.3
	±20%	25.0	10.0	8.00	5.00±0.3
	±20%	39.0	7.50	6.50	5.00±0.3
	±20%	51.0	6.00	4.50	5.00±0.3

## Typical Electrical Characteristics:

### Inductance vs DC Current Characteristics:



### Temperature Rise vs DC Current Characteristics:

