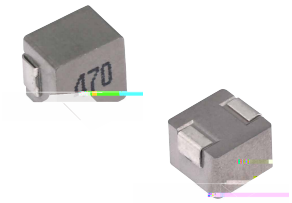
MDE Series
Molding Power Inductors
Size 1260



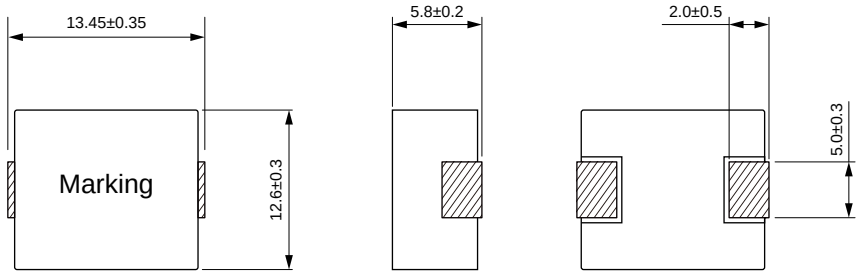
FEATURES

- High rated current
- Frequency up to 3 MHz
- 125℃ maximum total temperature opera on
- Low core loss
- Ultra low buzz noise due to molding construc on
- Halogen Free & ROHS compliant
- Opera ng temperature range - 55 °C to + 125 °C
- Quan ty: 500pcs

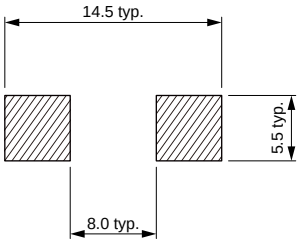
APPLICATION

- Laptops and PCs
- Switch and servers
- Base sta ons
- DC/DC converters
- Ba ery powered devices
- SSD modules

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	(μH)			Satura on	
MDE1260-4R7M	4.70	±20%	9.00	24.0	
MDE1260-5R6M	5.60	±20%	11.0	22.5	
MDE1260-6R8M	6.80	±20%	13.5	19.0	
MDE1260-8R2M	8.20	±20%	16.0	13.5	
MDE1260-100M	10.0	±20%	20.7	12.5	
MDE1260-120M	12.0	±20%	23.0	10.0	
MDE1260-150M	15.0	±20%	29.0	9.00	
MDE1260-180M	18.0	±20%	35.0	8.00	
MDE1260-220M	22.0	±20%	39.5	7.50	
MDE1260-270M	27.0	±20%	56.0	6.50	
MDE1260-330M	33.0	±20%	75.0	6.00	
MDE1260-470M	47.0	±20%	90.0	5.50	
MDE1260-680M	68.0	±20%	13.5	4.50	
MDE1260-101M	100	±20%		3.50	
MDE1260-121M	120	±20%		3.20	
MDE1260-151M	150	±20%		2.70	

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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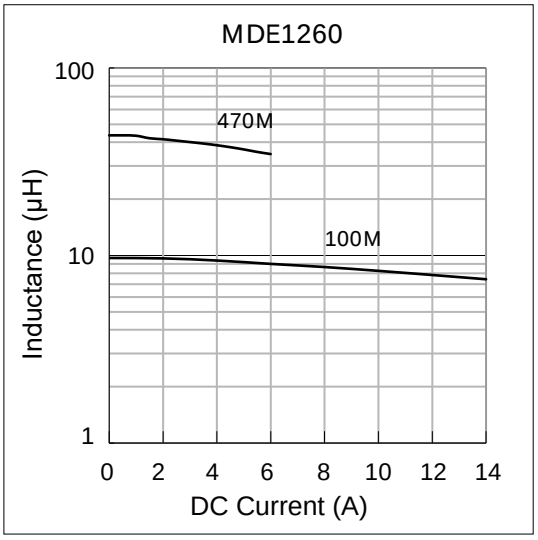
Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics: