MDE Series

Molding Power Inductors

Size 0412



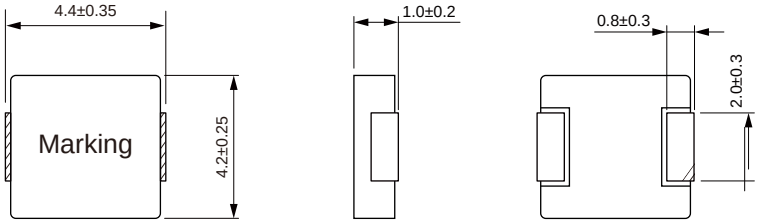
FEATURES

- High rated current
- Frequency up to 3 MHz
- 125℃ mavBa ery powered devices
- SSD modules
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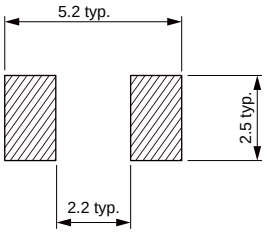
APPLICATION

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Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

MDE0412-R15M	0.15	±20%	9.00	15.0	7.50
MDE0412-R22M	0.22	±20%	11.0	11.0	7.00
MDE0412-R33M	0.33	±20%	19.0	8.40	6.50
MDE0412-R47M	0.47	±20%	21.0	6.80	6.00
MDE0412-R68M	0.68	±20%	36.0	6.00	4.70
MDE0412-1R0M	1.00	±20%	47.0	5.50	4.50
MDE0412-1R5M	1.50	±20%	75.0	4.00	3.25
MDE0412-2R2M	2.20	±20%	83.5	3.00	2.75
MDE0412-4R7M	4.70	±20%	195	2.20	1.80

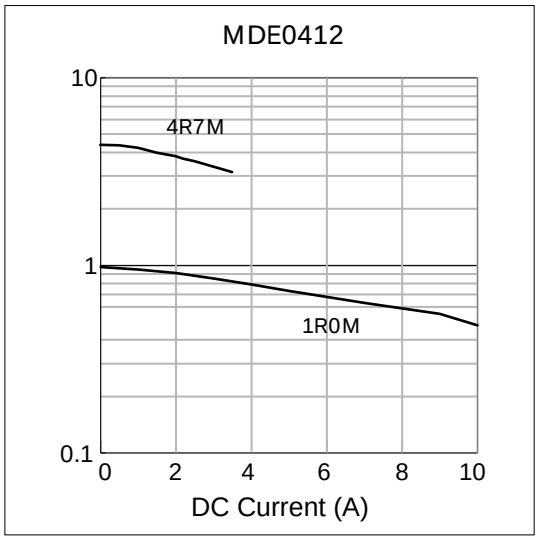
Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

KOHER Electronic
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics:

