

MDE Series
Molding Power Inductors
Size 0412

FEATURES

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

APPLICATION

-
- Switch and servers
-
-
-
- SSD modules

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

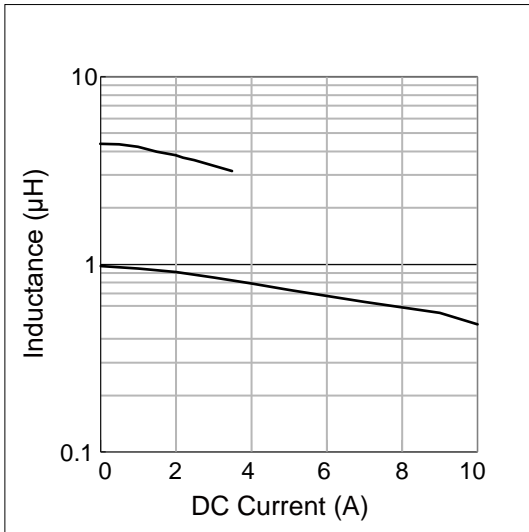
| | (μ H) | | (m Ω) | Saturation | |
|--|------------|--|---------------|------------|------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | 3.25 |
| | | | 83.5 | | 2.75 |
| | | | 195 | | |

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}C$

Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics:

