

MDE Series

Molding Power Inductors

Size 0630



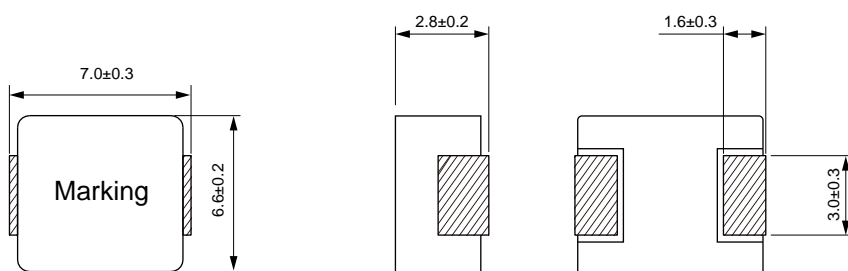
FEATURES

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

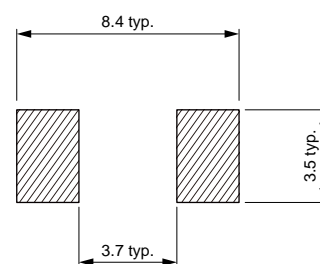
APPLICATION

-
- Switch and servers
-
-
-
- SSD modules

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

| | (μ H) | (m Ω) | Saturation | |
|--|------------|---------------|------------|------|
| | | | | |
| | | | | |
| | | | | 16.5 |
| | | | | |
| | | | | |
| | | 12.1 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | 113 | | |

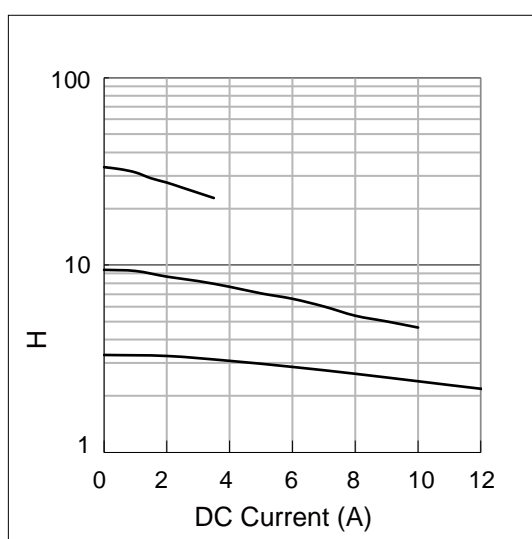
| | (μH) | | ($\text{m}\Omega$) | Saturation | |
|--|-------------------|--|----------------------|------------|--|
| | | | | | |
| | | | 385 | | |

Saturation Current will cause L to drop approximately 30%

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

Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics:

