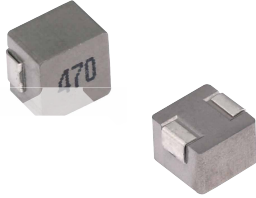


# MDE Series

## Molding Power Inductors

### Size 0630



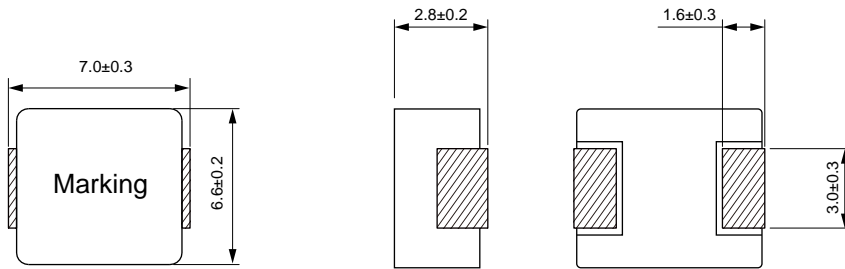
#### FEATURES

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

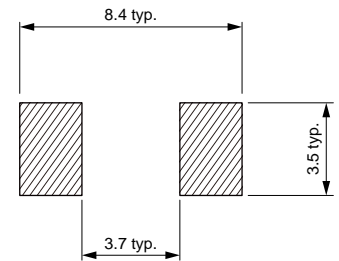
#### APPLICATION

- Switch and servers
- SSD modules

#### Dimensions: [mm]



#### Land Pattern: [mm]



#### Electrical Properties:

	( $\mu\text{H}$ )	( $\text{m}\Omega$ )	Saturation	
				16.5
		12.1		
		113		

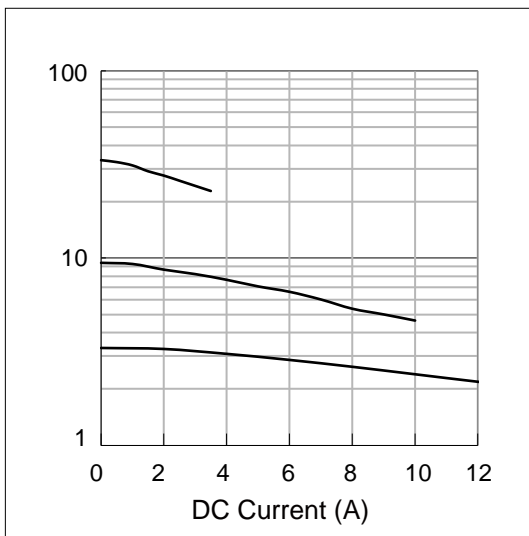
	( $\mu\text{H}$ )		( $\text{m}\Omega$ )	Saturation	
			385		

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:

