

# MD Series

## SMD Low Profile High Current Molded Inductor

### Size 1040



#### CHARACTERISTICS

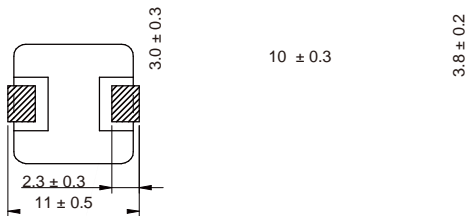
- Molded type
- High saturation current due to CIP material
- Nature air gap and no acoustic noise
- Different sizes available
- Quantity: 500pcs

#### APPLICATION

- High current DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



10 ± 0.3

Electrical Properties:



MD1040-330M	33.0	±20%	3.5	5.0	92	112
MD1040-470M	47.0	±20%	3.0	4.5	145	167

Operating temperature: -40°C ~ +125°C

Temperature rise current: The actual value of DC current when the temperature rise is T40C  
 Saturation Current that will cause initial inductance to drop 20% approximately.

### Typical Electrical Characteristics:

