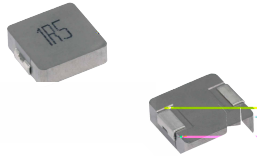


MDE Series

Molding Power Inductors

Size 0518



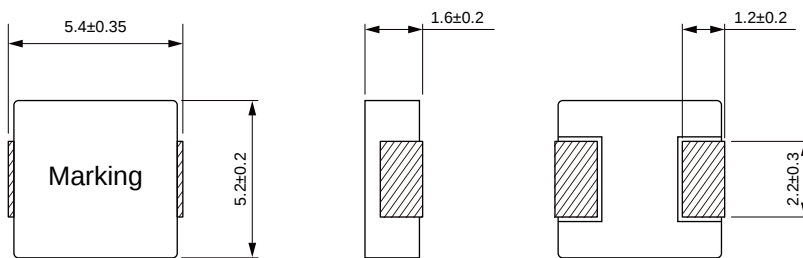
FEATURES

- High rated current
- Frequency up to 3 MHz
- 125 °C maximum total temperature operation
- Low core loss
- Ultra low buzz noise due to molding construction
- Halogen Free & ROHS compliant
- Operating temperature range - 55 °C to + 125 °C
- Quantity: 2000pcs

APPLICATION

- Laptops and PCs
- Switch and servers
- Base stations
- DC/DC converters
- Battery powered devices
- SSD modules

Dimensions: [mm]



Land Pattern: [mm]

Electrical Properties:

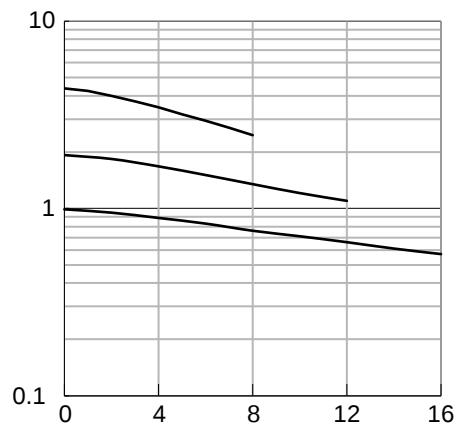
Part No.	Inductance @ 100kHz	Inductance	DC Resistance mΩ	Current Typ. A	Temperature Rise Current Typ. A
60000000-00000	0.01	000%	0.00	0.00	0.00
60000010-00000	0.05	000%	0.00	0.00	0.00
60000020-00000	0.05	000%	0.00	0.00	0.00
60000030-00000	0.09	000%	0.00	0.00	0.00
60000040-00000	0.09	000%	0.00	0.00	0.00
60000050-00000	0.15	000%	0.00	0.00	0.00
60000060-00000	0.09	000%	0.00	0.00	0.00
60000070-00000	0.15	000%	0.00	0.00	0.00
60000080-00000	0.09	000%	0.00	0.00	0.00
60000090-00000	0.09	000%	0.00	0.00	0.00
60000100-00000	0.09	000%	0.00	0.00	0.00

Inductance Current with tolerance 1% for frequency approximately 100kHz

Temperature Rise Current: The rated current at 0°C ambient temperature and temperature rise to 125°C

Typical Electrical Characteristics:

Inductance vs DC Current Characteristics:



Temperature Rise vs DC Current Characteristics:

