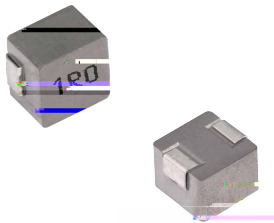


MDE Series
Molding Power Inductors
Size 1265



FEATURES

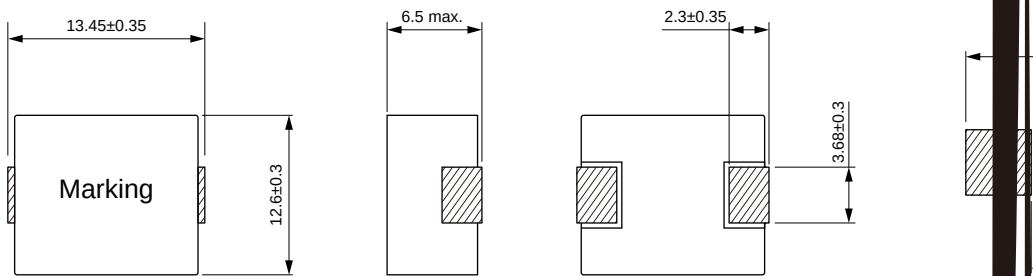
- ROHS, Halogen Free and REACH
- High rated current
- 125 °C maximum total temperature
- Low core loss
- Ultra low buzz noise due to top
- 13.8×12.9×6.5mm maximum size
- Operating temperature range
- Quantity: 500pcs

APPLICATION

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

Dimensions: [mm]

Land P

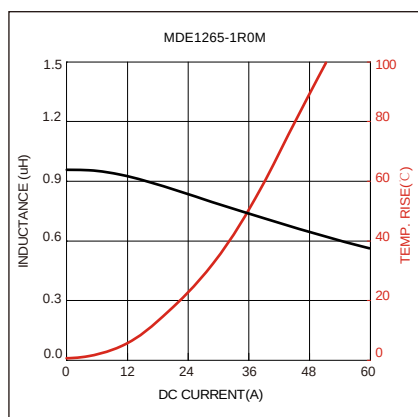


Electrical Properties:

Part No	Inductance @ 100kHz/0.25V (μH)	Tolerance	DC Resistance Max. (mΩ)	Saturation Current Typ. (A)	Rise Current Typ. (A)
MDE1265-1R0M	1.0	±20%	1.75	34	28

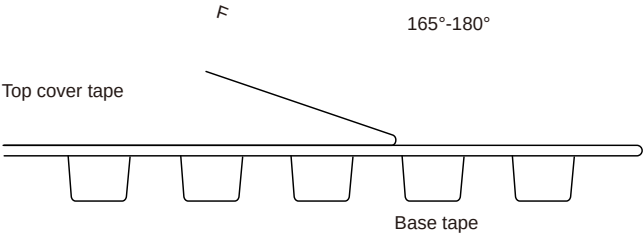
Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is ΔT=40°C

Typical Electrical Characteristics:



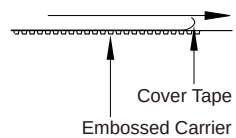
Packaging Information:

Peel force of top cover tape:





Reel Dimension: [mm]



Packaging Quantity: