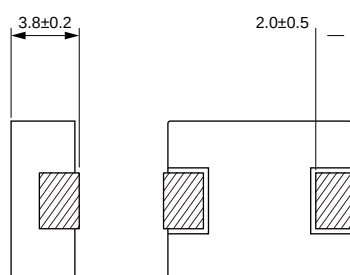


Molding Power Inductors Size 1040



Electrical Properties:

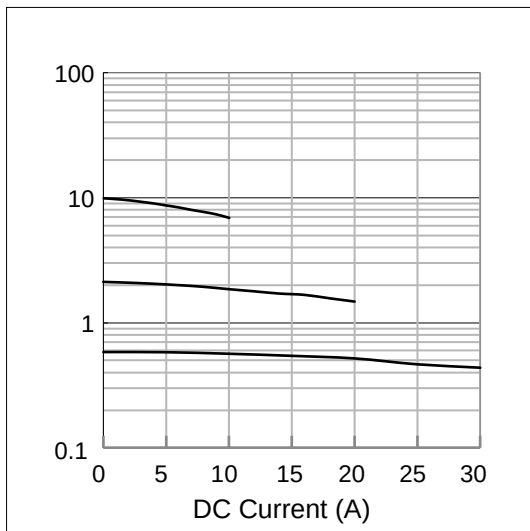
Part No	Inductance @ 100kHz/1V	Tolerance	DC Resistance Max.	Current Typ. (A)	Temperature Rise Current Typ. (A)
MDE1040-100M	10.0	±20%	30.0	8.50	7.80
MDE1040-150M	15.0	±20%	45.0	7.00	6.50
MDE1040-220M	22.0	±20%	66.0	5.50	5.00
MDE1040-330M	33.0	±20%	92.0	4.80	4.40
MDE1040-470M	47.0	±20%	145	3.50	3.30
MDE1040-680M	68.0	±20%	195	3.00	2.50

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:

