

SMD Low Profile High Current Molded Inductor Size 4020

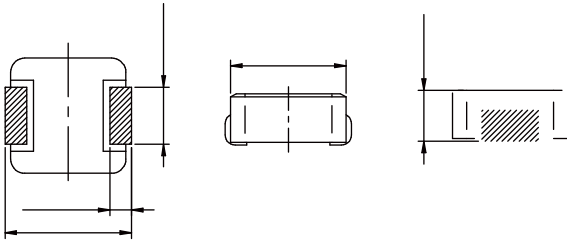


- Molded type
- High saturation current due to CIP material
- Nature air gap and no acoustic noise
- Different sizes available
- Quantity: 3000pcs

- High current DC/DC converter
- LC filter

Dimensions: [mm]

Land Pattern: [mm]



Electrical Properties:

	(μH)		(A)	Satura on (A)	(m)	(m)
MD4020-100M	10.0	$\pm 20\%$	1.8	2.3	215	243
MD4020-150M	15.0	$\pm 20\%$	1.5	1.9	325	374
MD4020-220M	22.0	$\pm 20\%$	1.2	1.4	470	500

Opera ng temperature : $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Temperature rise current : The actual value of DC current when the temperature rise is $\text{T}40^{\circ}\text{C}$

Satura on Current that will cause ini al inductance to drop 20% approximately .

Satura on Current that will cause ini al inductance to drop 30% at 0.18 μH approximately.

Typical Electrical Characteristics:

