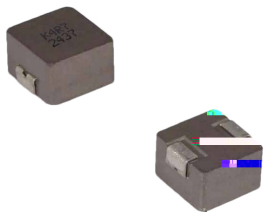
SMD Low Profile High Current Molded Inductor
Size 8050



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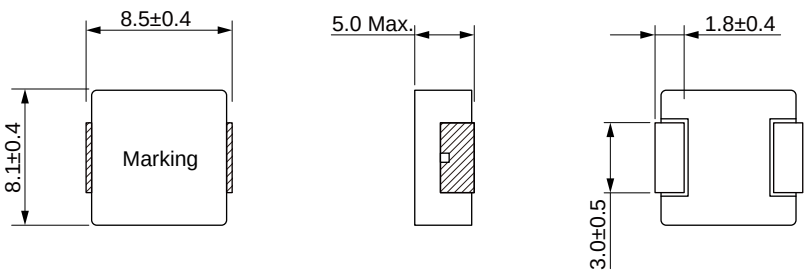
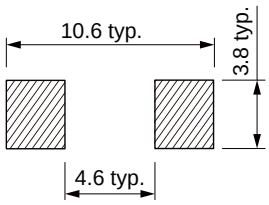
Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Satura on Current Typ. (A)	Satura on Current Max. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
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a 5 ! улрлπннл a			рфрл	рфлл			рсфл	
a 5 ! улрлπптл a			офрл		рфнл	пфрл		мор

Saturation Current will cause L to drop approximately 35%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

Typical Electrical Characteristics:

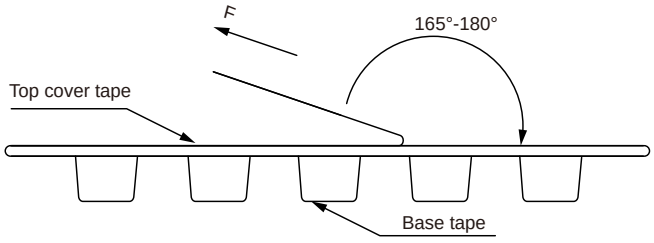
Soldering Reflow:

Packaging Information:

Tape Dimension:

Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	T (mm)
MDA8050	8.4 typ	9.6 typ	1.5±0.1	4.0±0.1	12.0±0.1	16.0±0.2	5.3 typ	0.35±0.1

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.1 to 1.3 N