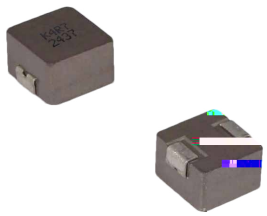
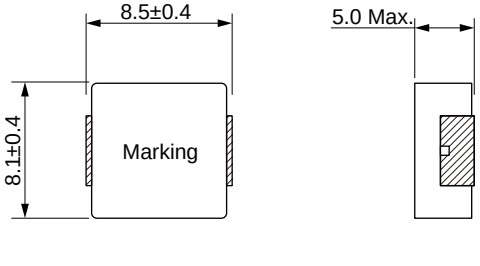
SMD Low Profile High Current Molded Inductor
Size 8050



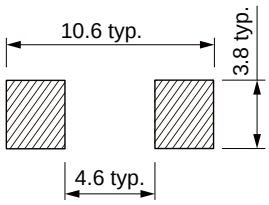
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- hLJŜŃI·əyƎ űŜYLJŜŃI·údzŃŜY πpp ű2 ьмpp c/ óλyŎfdzŘλyƎ ăŜfŦπúŜYLJŜŃI·údzŃŜ ŃλăŜú
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- I ŜI·ŘfI·YLJăΣ űI·λf fI·YLJă I·yŘ λyűŜŃλ2Ń fλƎKəyƎ
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- 5ƨ2ŃăΣ øλyŘ2ø fλD I·yŘ ăŜI·ű Ŏ2yűŃ2f
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-
- Lyπ±ŜKλŎfŜ Ly₣2úI·λyYˆŜyű I·yŘ yI·ØλƎI·ə2y

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)
a5!улрлπмwлa			мр◊р					
a5!улрлπнwнa			мп◊р			мр◊р	с◊рл	
a5!улрлπowoa			мо◊р	мн◊р			ф◊рл	
a5!улрлπпwтa					мр◊л		нл◊р	нр◊л
a5!улрлπрwсa	р◊сл		у◊рл		мр◊л			
a5!улрлπмллa								ор◊л
a5!улрлπмрлa	мр◊л			р◊рл				рн◊у
a5!улрлπннлa			р◊рл	р◊лл			рс◊л	
a5!улрлπптлa			о◊рл		р◊нл	п◊рл		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:



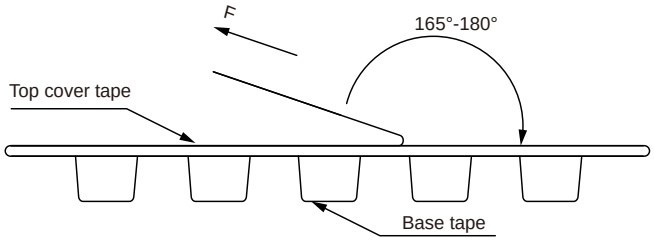
Soldering Reflow:

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