

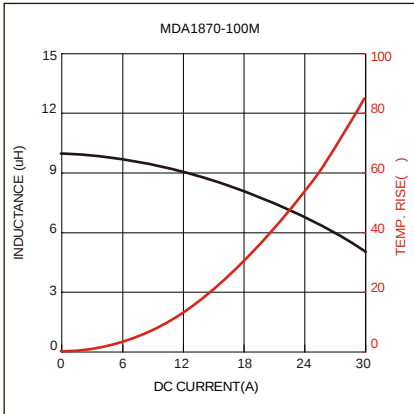
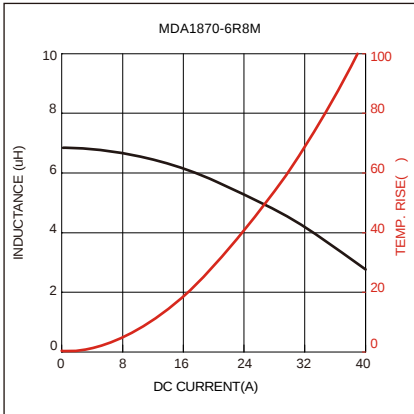
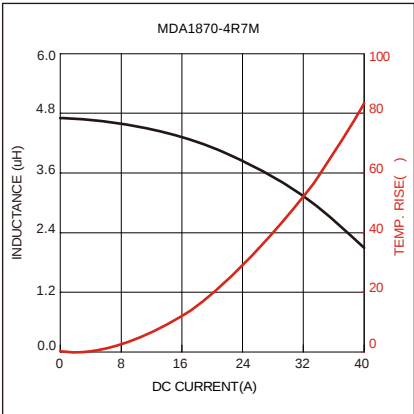
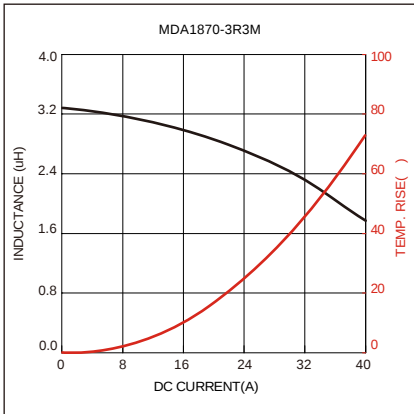
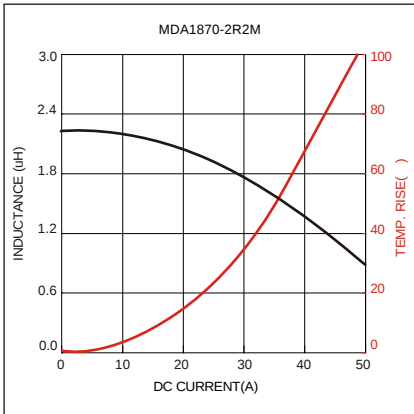
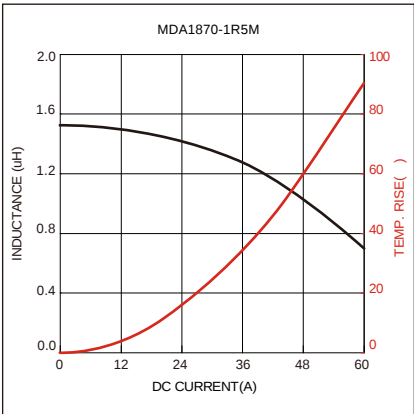
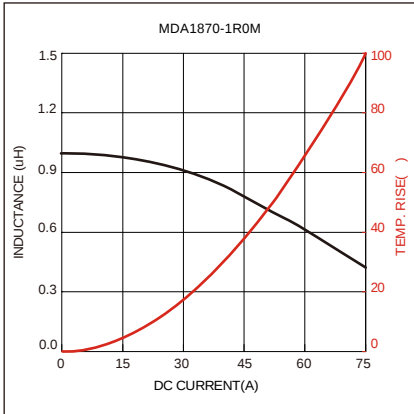
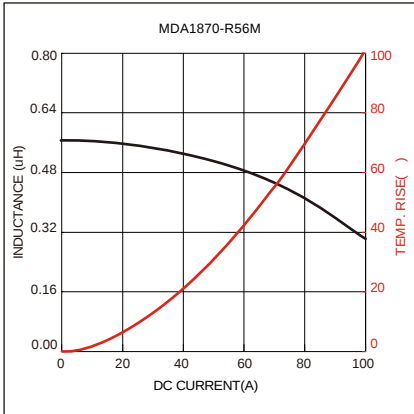
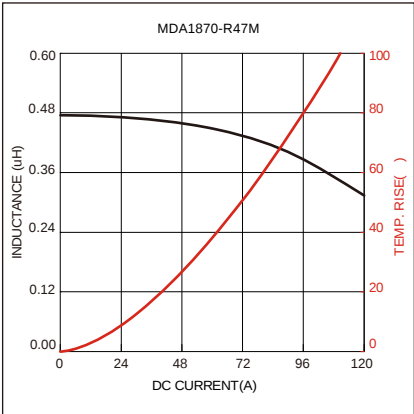
MDA Series

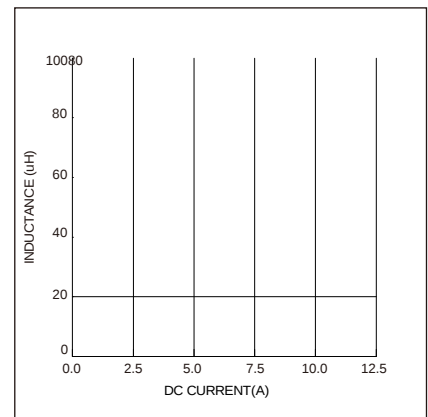
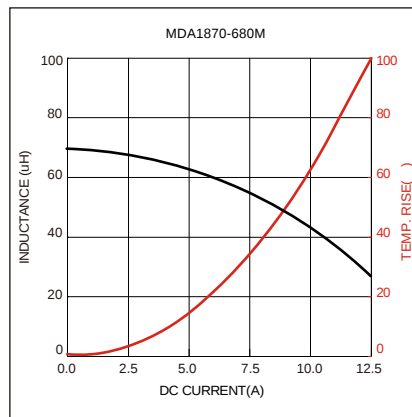
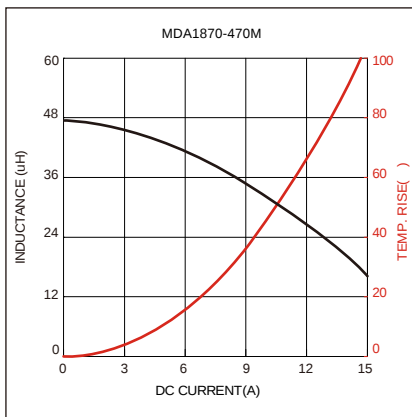
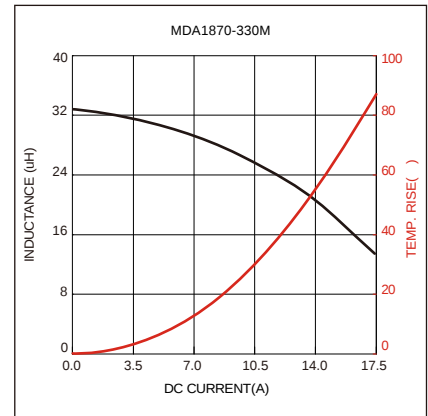
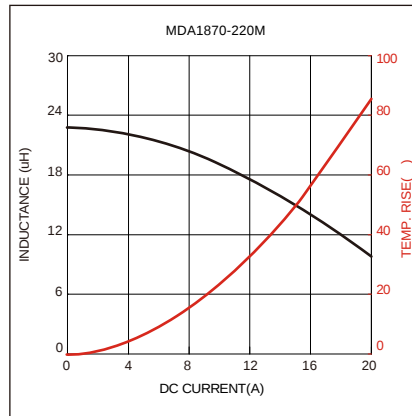
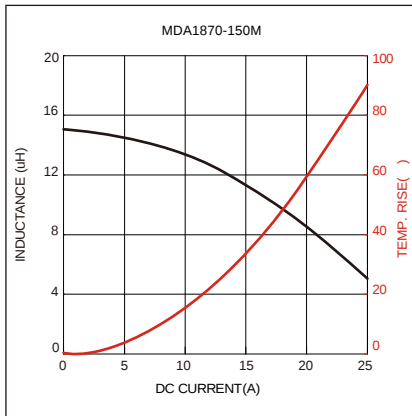
SMD Low Profile High Current Molded Inductor
Size 1870

Electrical Properties:

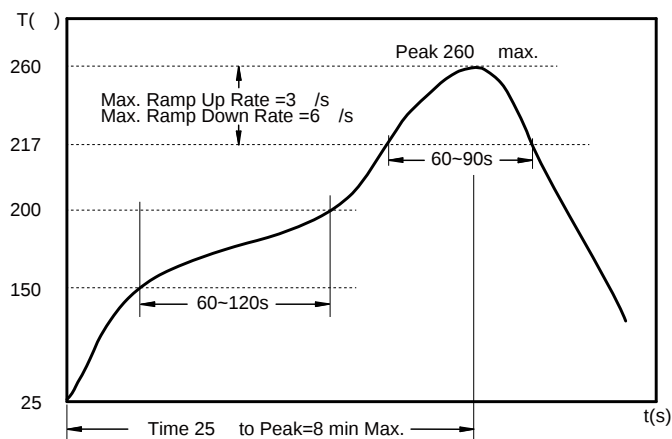
Saturation Current will cause L to drop approximately 30%
 Temperature Rise Current: The actual value of DC current when the temperature rise is $T=40^{\circ}\text{C}$

Typical Electrical Characteristics:





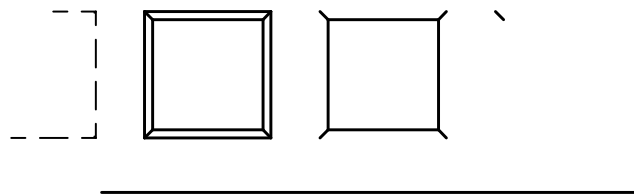
Soldering Reflow:



Preheat condition: 150 ~200 / 60~120 sec.
 Allowed time above 217 : 60~90 sec.
 Max temperature: 260 .
 Max time at max temperature: 10 sec.
 Allowed Reflow time: 2x max.

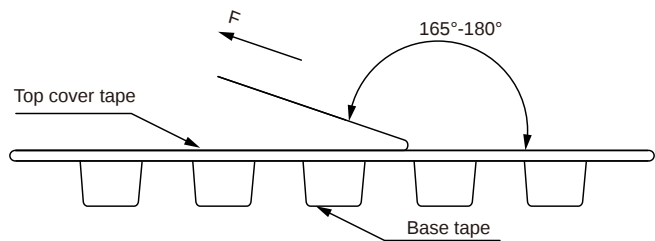
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDA1870	17.5 ± 0.1	18.1 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	24.0 ± 0.1	32.0 ± 0.3	7.3 ± 0.1	1.75 ± 0.1	0.50 ± 0.05

Peel force of top cover tape:

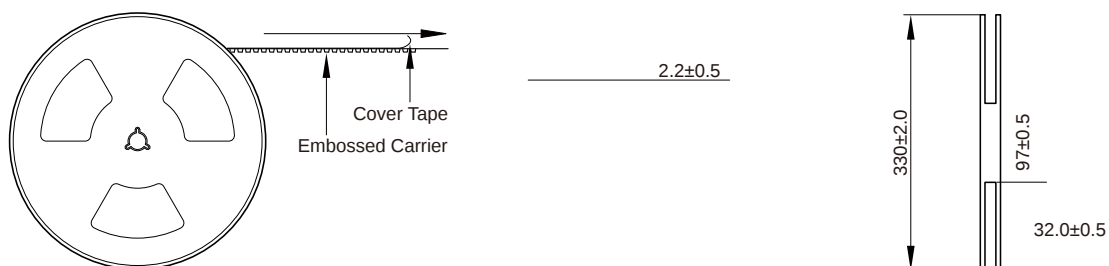


The peel force of top cover tape shall be between 0.1 to 1.3 N

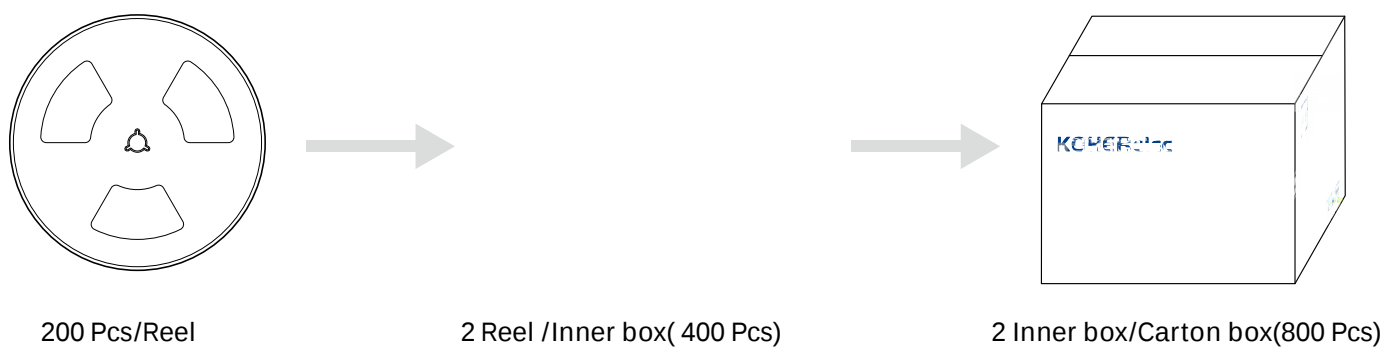
Product Marking:

Marking	KH+Printing Inductance+period)
---------	--------------------------------

Reel Dimension : [mm]



Packaging Quantity:



Cautions and Warnings:

Storage Conditions :

-

Operation Instructions: