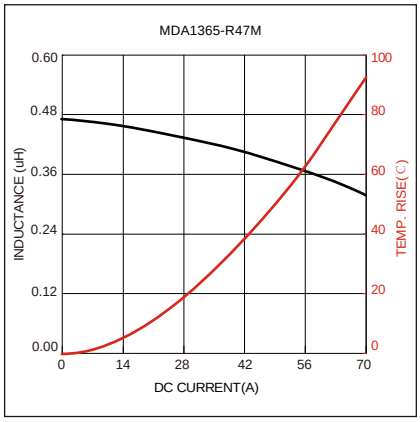
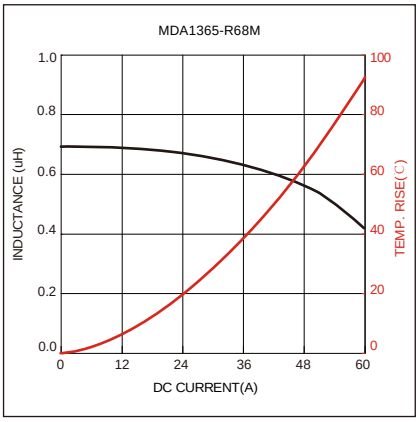
Size 1365

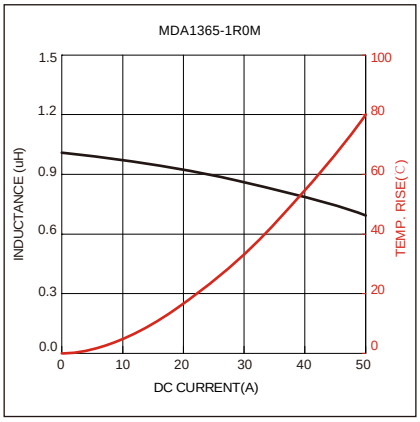
Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Current Typ. (A)	Current Max. (A)	DC Resistance Typ.	DC Resistance Max.	E
MDA1365-220M	22.0	±20%	10.0	8.0	10.0	9.0	31.0	35.0	4.7±0.3
MDA1365-330M	33.0	±20%	9.00	6.5	9.00	8.0	46.0	55.0	4.7±0.3
MDA1365-470M	47.0	±20%	8.00	5.7	7.60	6.8	58.0	67.0	4.7±0.3
MDA1365-680M	68.0	±20%	5.80	4.8	6.00	5.0	82.0	100.0	4.7±0.3

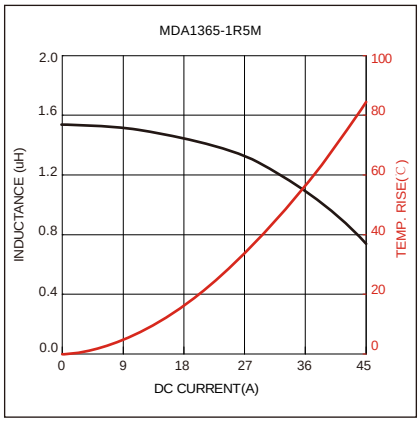
Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

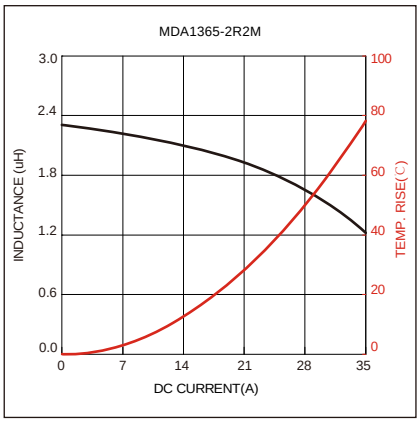
Typical Electrical Characteristics:

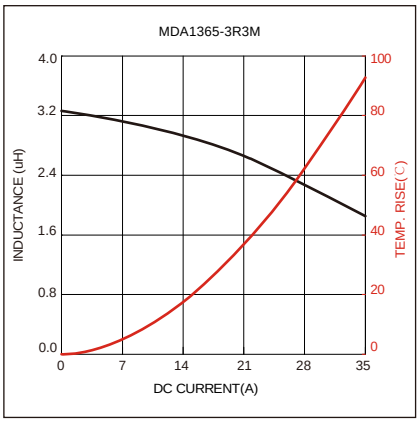


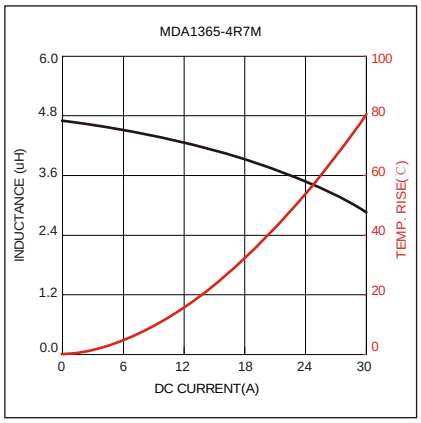


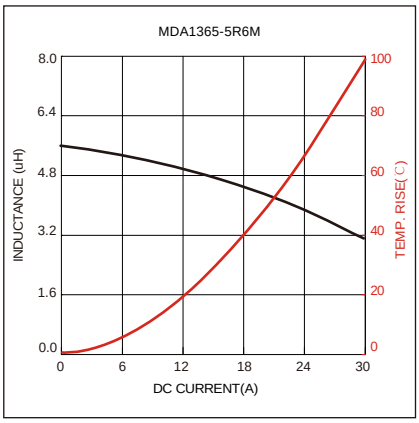


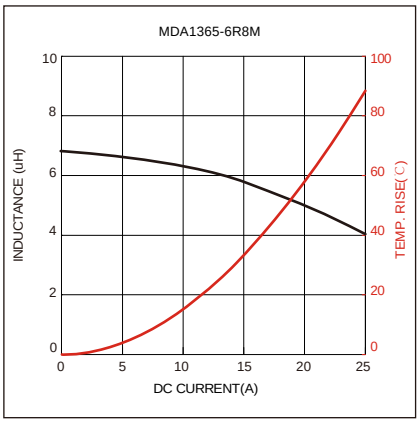


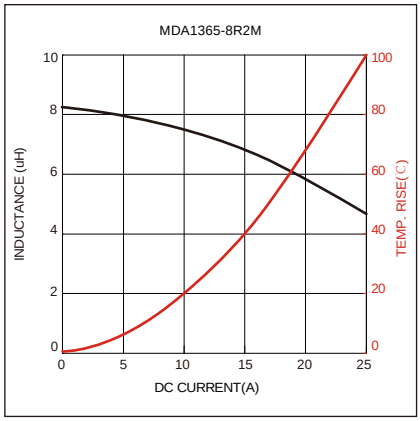


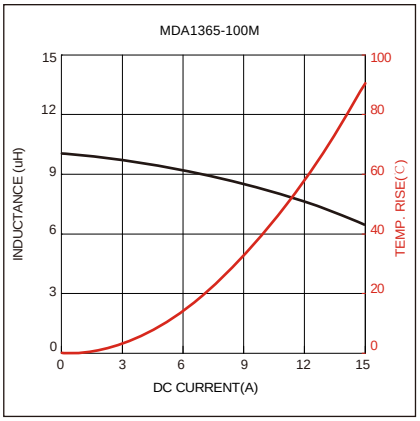


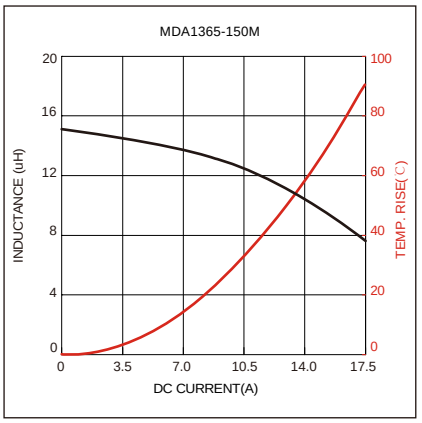


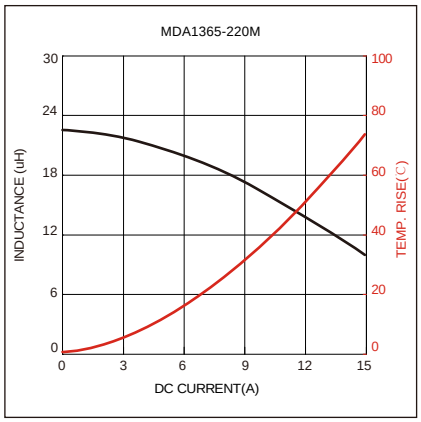


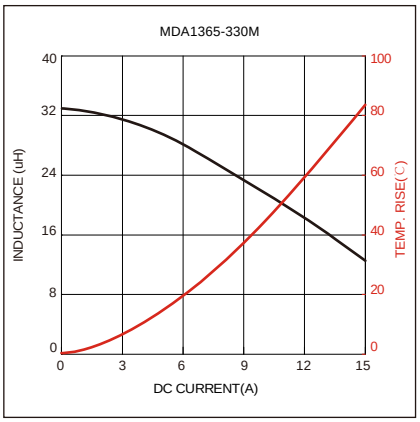


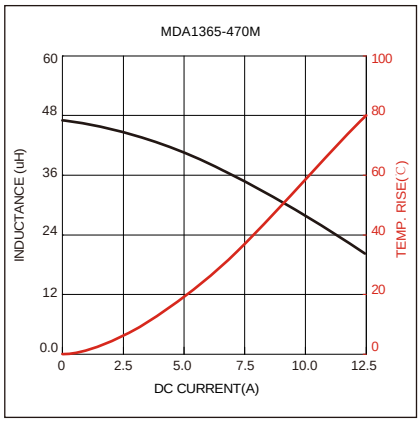

MDA1365-8R2M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0 2 4 6 8 10
0 20 40 60 80 100
0 5 10 15 20 25

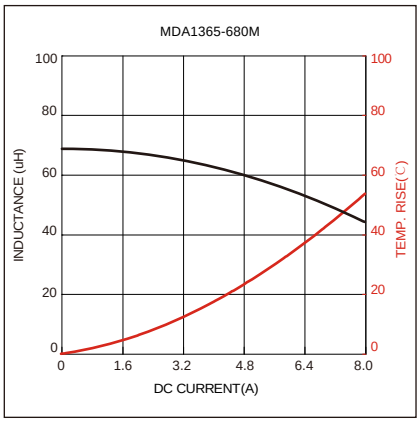

MDA1365-100M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0 3 6 9 12 15
0 20 40 60 80 100
0 3 6 9 12 15


MDA1365-150M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0 4 8 12 16 20
0 20 40 60 80 100
0 3.5 7.0 10.5 14.0 17.5

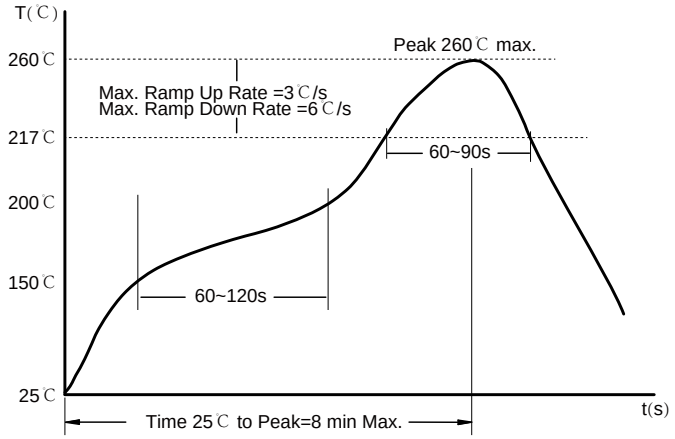

MDA1365-220M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0 6 12 18 24 30
0 20 40 60 80 100
0 3 6 9 12 15


MDA1365-330M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0 8 16 24 32 40
0 20 40 60 80 100
0 3 6 9 12 15


MDA1365-470M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0.0 12 24 36 48 60
0 20 40 60 80 100
0 2.5 5.0 7.5 10.0 12.5


MDA1365-680M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
0 20 40 60 80 100
0 20 40 60 80 100
0 1.6 3.2 4.8 6.4 8.0

Soldering Reflow:



Preheat condition: 150 ~200℃/ 60~120 sec.

Allowed time above 217℃: 60~90 sec.

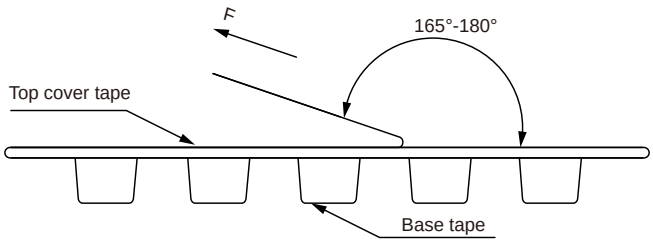
Max temperature: 260℃.

Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension:

Peel force of top cover tape:

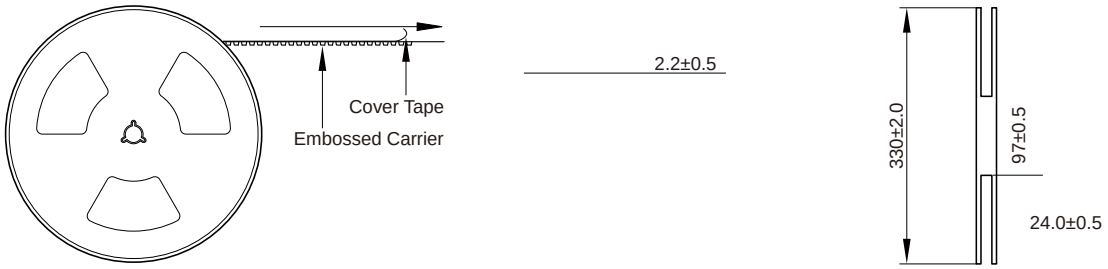


The peel force of top cover tape shall be between 0.1 to 1.3 N

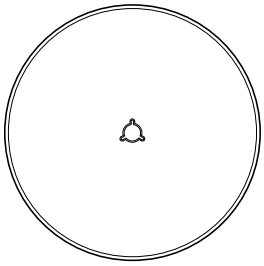
Product Marking:

Marking	KH+Printing(Inductance+period)

Reel Dimension：[mm]



Packaging Quantity:



500 Pcs/Reel

2 Reel /Inner box(1000 Pcs)

2 Inner box/Carton box(2K Pcs)

Cautions and Warnings:

Storage Conditions：

Operation Instructions: