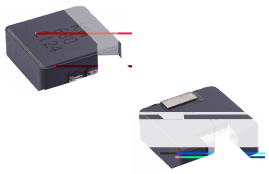
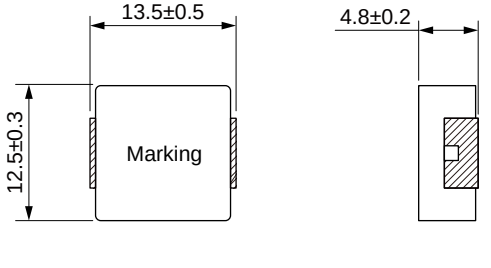
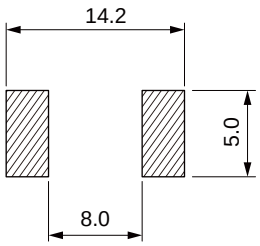
SMD Power Inductor
Size 1350



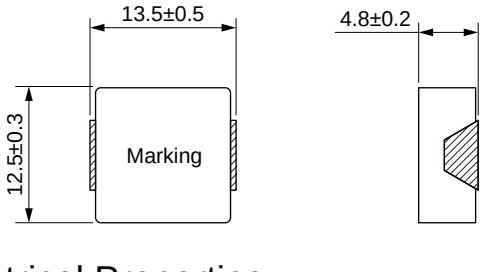
Dimensions: [mm] L＞1.5μH



Land Pattern: [mm]



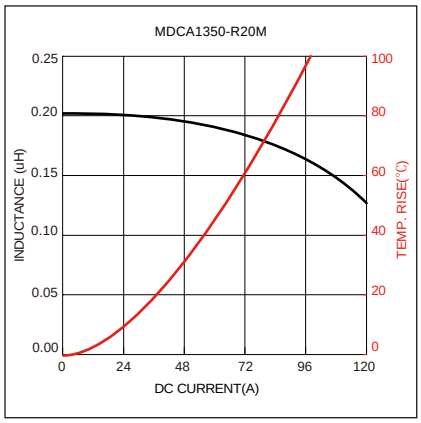
Dimensions: [mm] L≤1.5μH

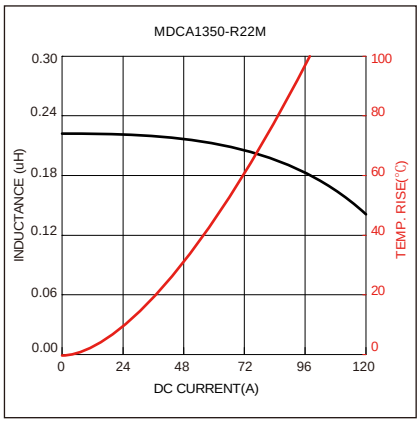


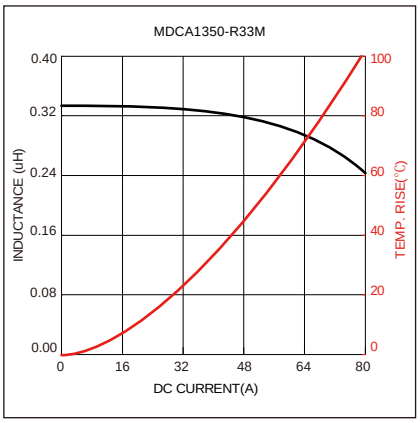
Electrical Properties:

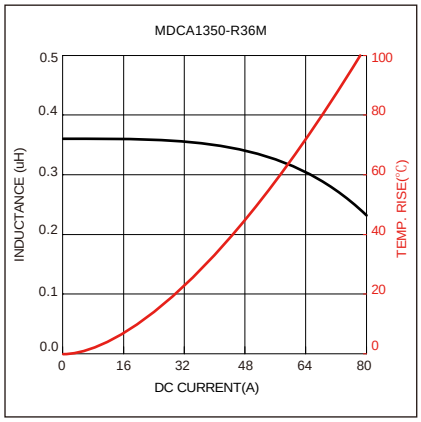
Saturation Current will cause L to drop approximately 30%
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

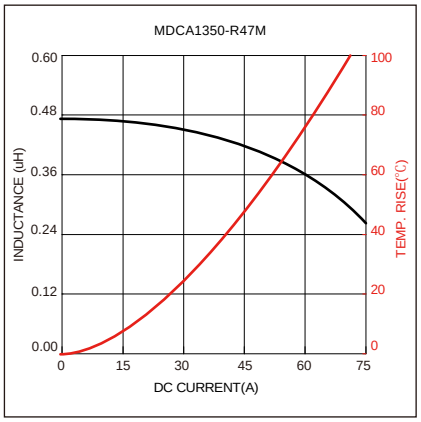
Typical Electrical Characteristics:

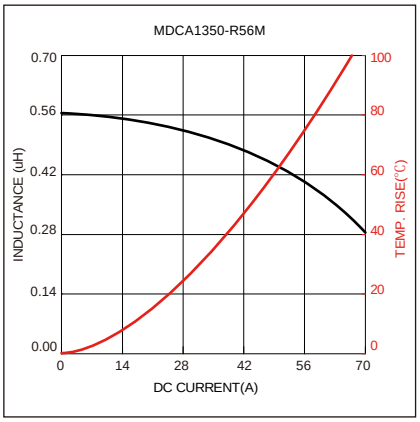


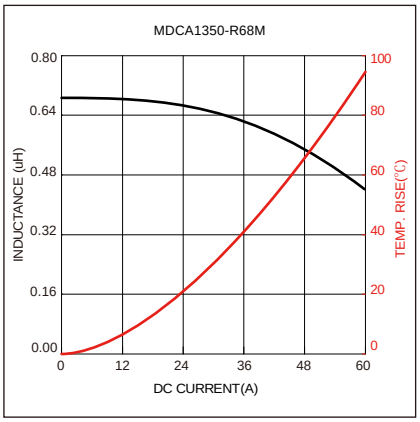


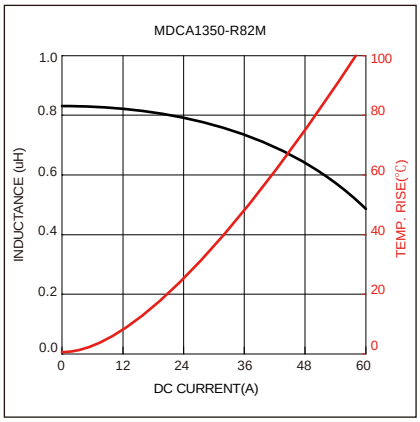


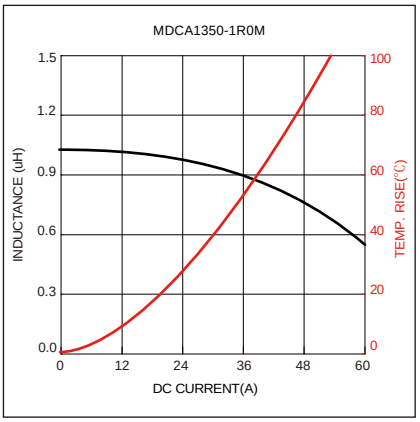


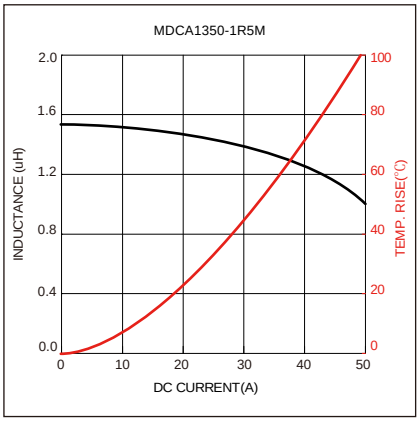


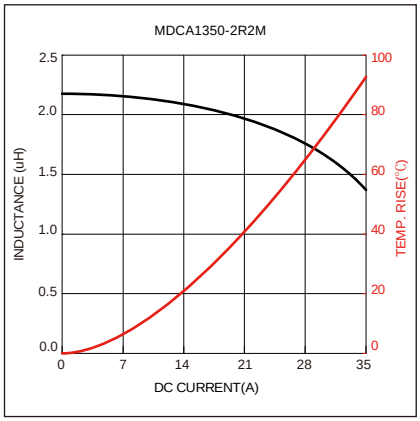


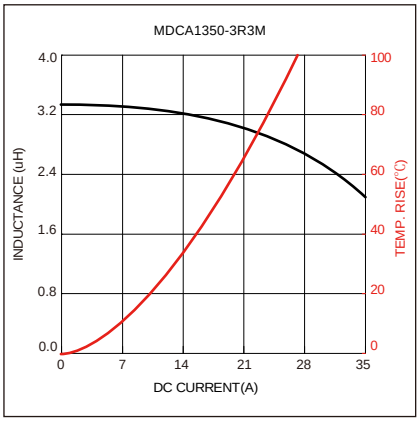

MDCA1350-R68M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
0.80
0.64
0.48
0.32
0.16
0.00
100
80
60
40
20
0
0
12
24
36
48
60

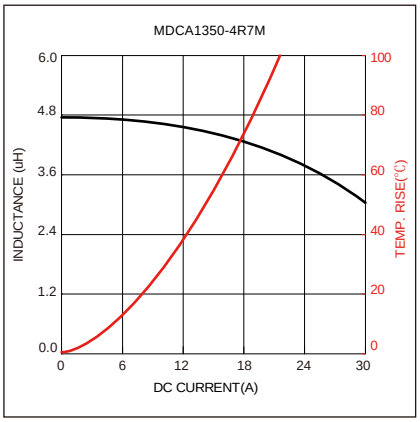

MDCA1350-R82M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
1.0
0.8
0.6
0.4
0.2
0.0
100
80
60
40
20
0
0
12
24
36
48
60

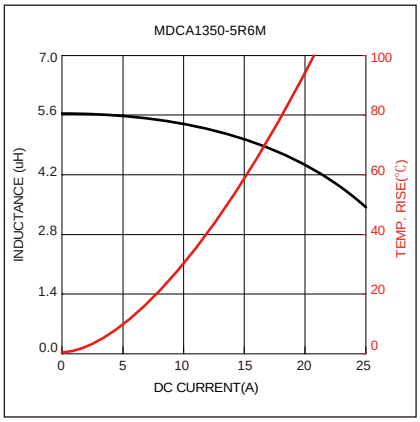

MDCA1350-1R0M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
1.5
1.2
0.9
0.6
0.3
0.0
100
80
60
40
20
0
0
12
24
36
48
60

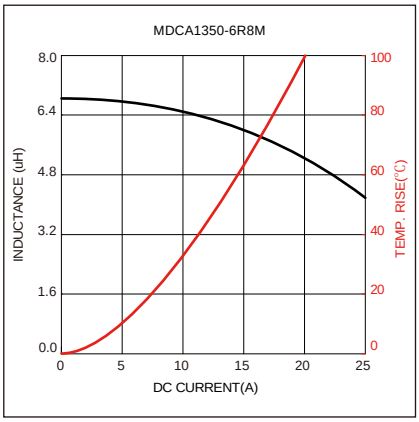

MDCA1350-1R5M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
2.0
1.6
1.2
0.8
0.4
0.0
100
80
60
40
20
0
0
10
20
30
40
50

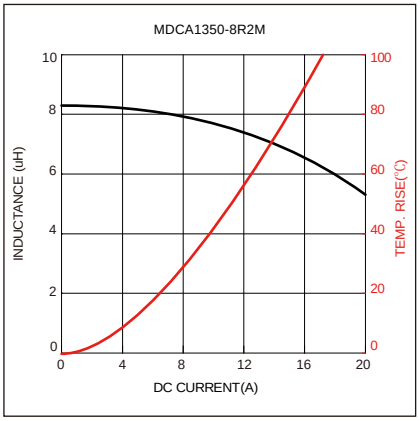

MDCA1350-2R2M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
2.5
2.0
1.5
1.0
0.5
0.0
100
80
60
40
20
0
0
7
14
21
28
35

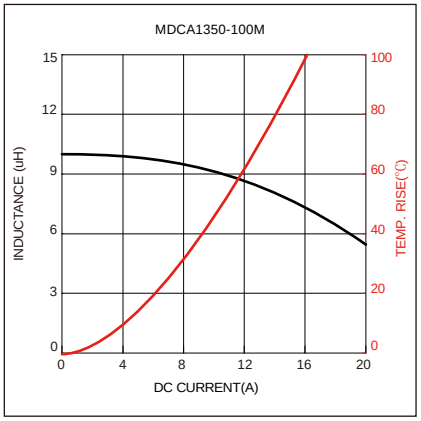

MDCA1350-3R3M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
4.0
3.2
2.4
1.6
0.8
0.0
100
80
60
40
20
0
0
7
14
21
28
35

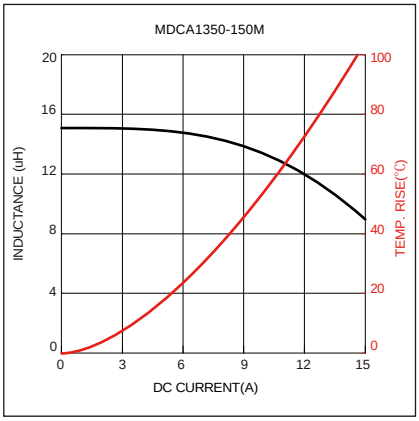

MDCA1350-4R7M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
6.0
4.8
3.6
2.4
1.2
0.0
100
80
60
40
20
0
0
6
12
18
24
30


MDCA1350-5R6M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
7.0
5.6
4.2
2.8
1.4
0.0
100
80
60
40
20
0
0
5
10
15
20
25


MDCA1350-6R8M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
8.0
6.4
4.8
3.2
1.6
0.0
100
80
60
40
20
0
0
5
10
15
20
25


MDCA1350-8R2M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
10
8
6
4
2
0
100
80
60
40
20
0
0
4
8
12
16
20


MDCA1350-100M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
15
12
9
6
3
0
100
80
60
40
20
0
0
4
8
12
16
20


MDCA1350-150M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
20
16
12
8
4
0
100
80
60
40
20
0
0
3
6
9
12
15