SMD Power Inductor
Size 1040

-
-
-
-
-
-
-
-

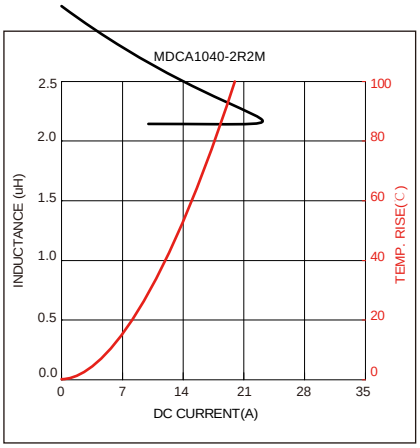
-
- HVAC
-
- Audio subsystem
- Digital instrument cluster
-

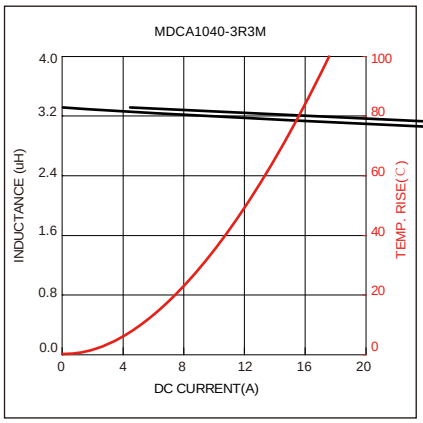
Dimensions: [mm]

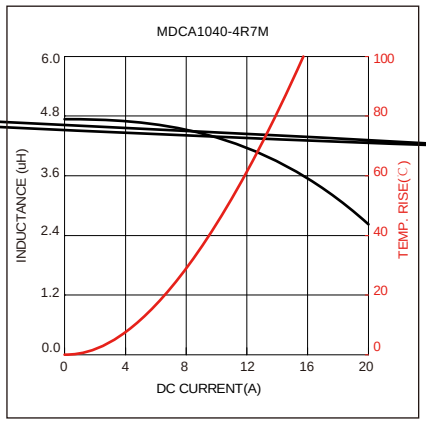
Land Pattern: [mm]

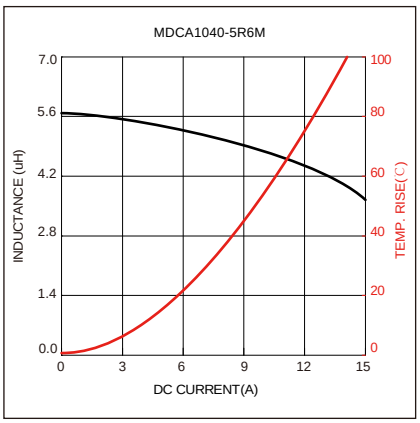
Electrical Properties:

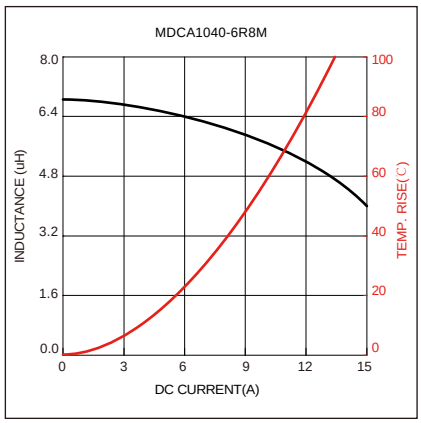
Tolerance
±20%
±20%
±20%
±20%
±20%
±20%

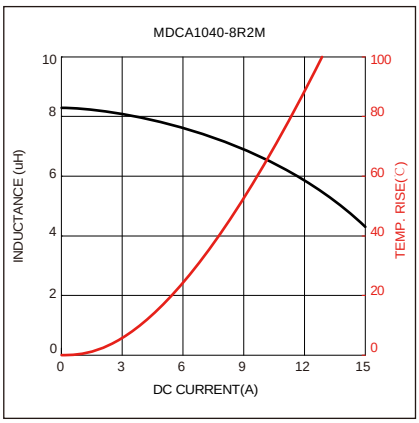

MDCA1040-2R2M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
2.5
2.0
1.5
1.0
0.5
0.0
100
80
60
40
20
0
0
7
14
21
28
35

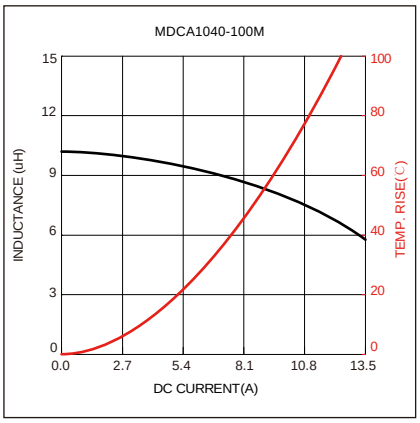

MDCA1040-3R3M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
4.0
3.2
2.4
1.6
0.8
0.0
100
80
60
40
20
0
0
4
8
12
16
20

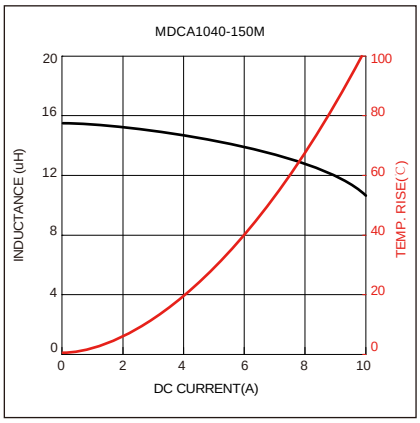

MDCA1040-4R7M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
6.0
4.8
3.6
2.4
1.2
0.0
100
80
60
40
20
0
0
4
8
12
16
20

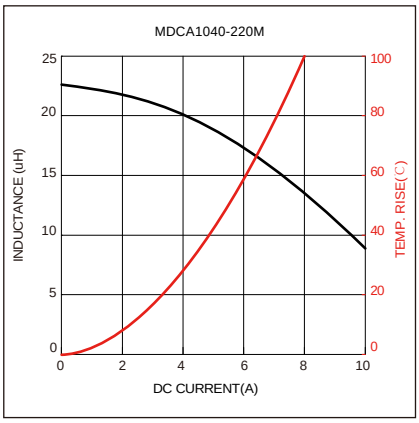

MDCA1040-5R6M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
7.0
5.6
4.2
2.8
1.4
0.0
100
80
60
40
20
0
0
3
6
9
12
15

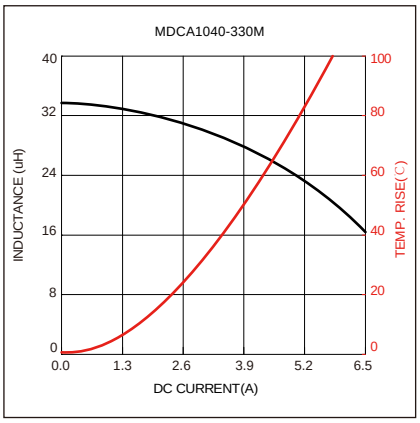

MDCA1040-6R8M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
8.0
6.4
4.8
3.2
1.6
0.0
100
80
60
40
20
0
0
3
6
9
12
15

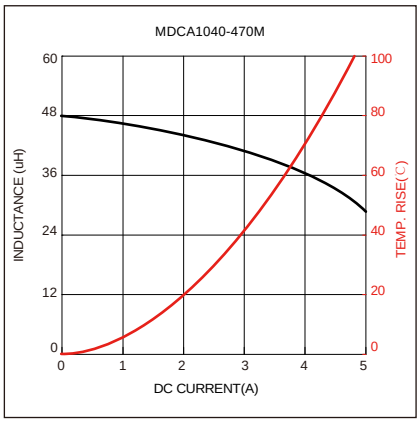

MDCA1040-8R2M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
10
8
6
4
2
0
100
80
60
40
20
0
0
3
6
9
12
15


MDCA1040-100M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
15
12
9
6
3
0
100
80
60
40
20
0
0.0
2.7
5.4
8.1
10.8
13.5


MDCA1040-150M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
20
16
12
8
4
0
100
80
60
40
20
0
0
2
4
6
8
10


MDCA1040-220M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
25
20
15
10
5
0
100
80
60
40
20
0
0
2
4
6
8
10


MDCA1040-330M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
40
32
24
16
8
0
100
80
60
40
20
0
0.0
1.3
2.6
3.9
5.2
6.5


MDCA1040-470M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
60
48
36
24
12
0
100
80
60
40
20
0
0
1
2
3
4
5