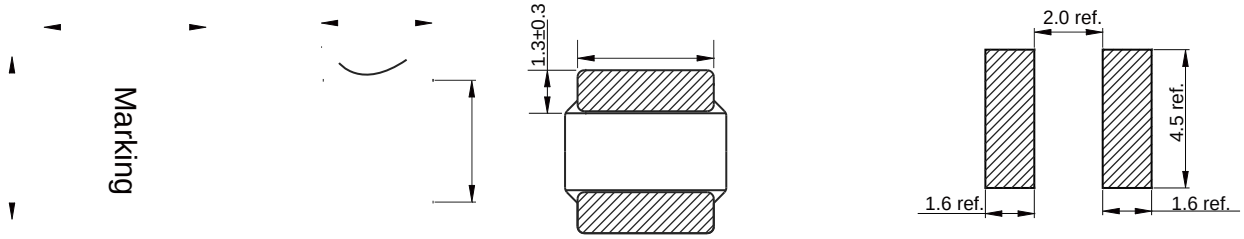


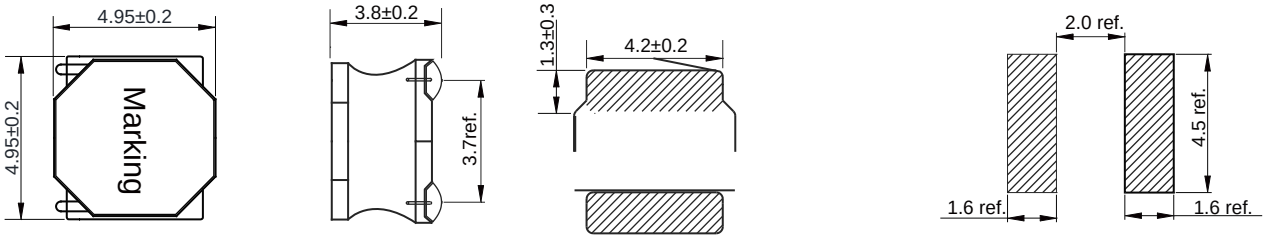
- Magne c shield type wound inductor for power circuits using a ferrite magne c material
- High magne c shield construc on and compa ble with high-density moun ng.
- Larger current and lower Rdc were achieved by op mizing the ferrite core figure.
- Opera ng temperature: –55 to +125°C(including self-tem perature rise)
- AEC-Q200 qualified
- Quan ty: 1500pcs

- Car naviga on, car stereo and car accessories only

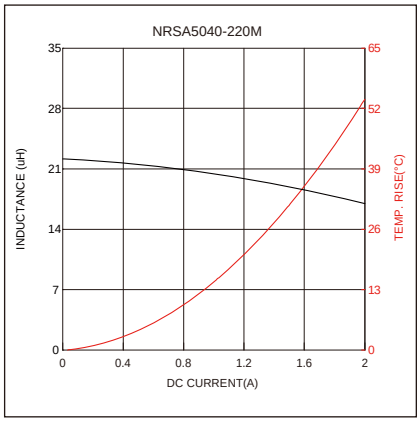


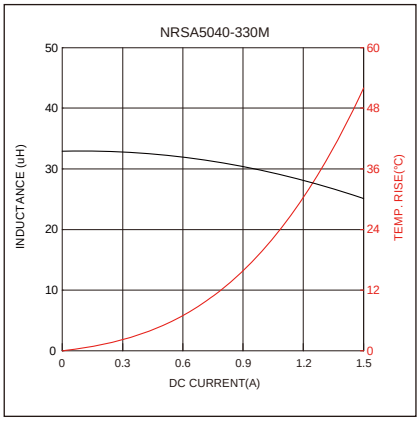
Dimensions: [mm] ＞10μH

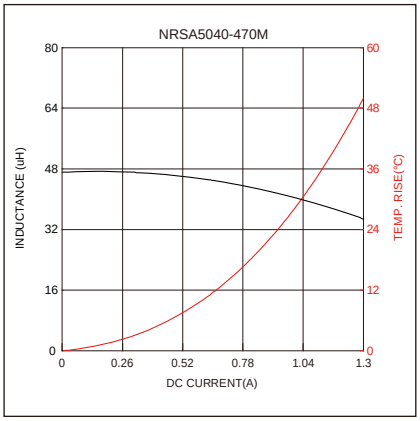
Land Pattern: [mm]

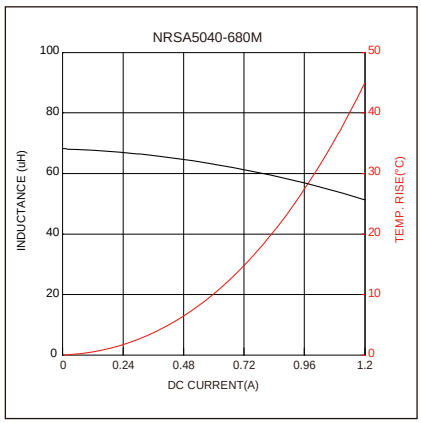


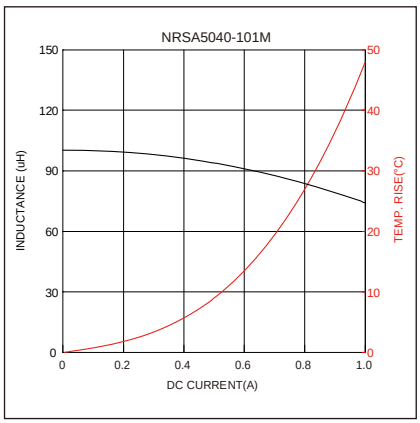
Part No	Inductance @100KHz/1V	Tolerance	Current Typ.	Temperature Rise Current Typ.	DCR ±20%

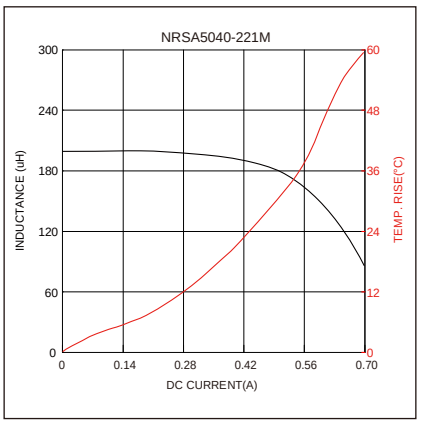

NRSA5040-220M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
35
28
21
14
7
0
65
52
39
26
13
0
0
0.4
0.8
1.2
1.6
2


NRSA5040-330M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
50
40
30
20
10
0
60
48
36
24
12
0
0
0.3
0.6
0.9
1.2
1.5


NRSA5040-470M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
80
64
48
32
16
0
60
48
36
24
12
0
0
0.26
0.52
0.78
1.04
1.3


NRSA5040-680M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
100
80
60
40
20
0
50
40
30
20
10
0
0
0.24
0.48
0.72
0.96
1.2


NRSA5040-101M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
150
120
90
60
30
0
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1.0

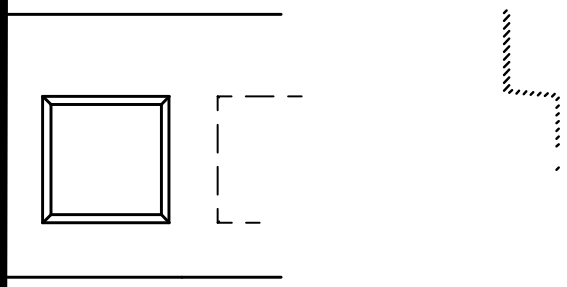

NRSA5040-221M
INDUCTANCE (uH)
TEMP. RISE(°C)
DC CURRENT(A)
300
240
180
120
60
0
60
48
36
24
12
0
0
0.14
0.28
0.42
0.56
0.70

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

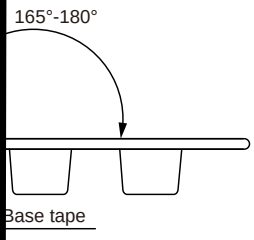
Allowed time above 217℃: 60~90 sec.

Max temperature: 260℃.

Allowed Reflow time: 2x max.



	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
1	4.0±0.1	8.0±0.1	12.0±0.3	4.2±0.1	1.75±0.1	0.40±0.05



nall be between 0.3 to 1.17 N

Reel Dimension：[mm]



Packaging Quantity: