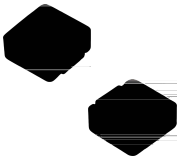
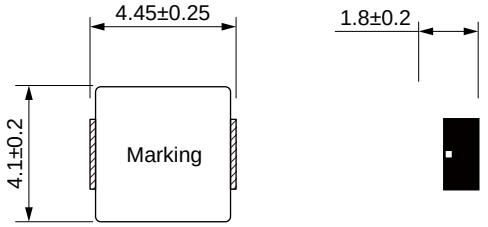
SMD Low Profile High Current Molded Inductor
Size 4020



- {KλŜfŘŜŘ Ŏ2yãúNdzŎə2y
- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- ¦ fűNl· f2ø ōdzÎÎ y2λăŜΣ ŘdzŜ ű2 Ŏ2YLJ2ăλúŜ Ŏ2yãúNdzŎə2y
- 100% Lead(Pb)-Free and RoHS compliant.
- !9/πvнлл ljdzl·fλŬŜŘ
- hLJŜNl·əyƎ űŜYLJŜNl·údzNŜY πpp ű2 ьмpp c/óλyŎfdzŘλyƎ ăŜfŦπűŜYLJŜNl·údzNŜ NλăŜú
- vdzl·yəűèY оллл t/{

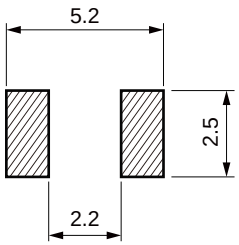
- l Ŝl·Řfl·YLJăΣ úl·λf fl·YLJă l·yŘ λyűŜNλ2N fλƎKəyƎ
- HVAC
- 5ƵƵNăΣ øλyŘ2ø fλD l·yŘ ăŜ ă
-
- Lyπ±ŜKλŎfŜ Ly₮2űl·λyYŜyű l·yŘ yl·ØλƎl·ə2y
-

Dimensions: [mm]



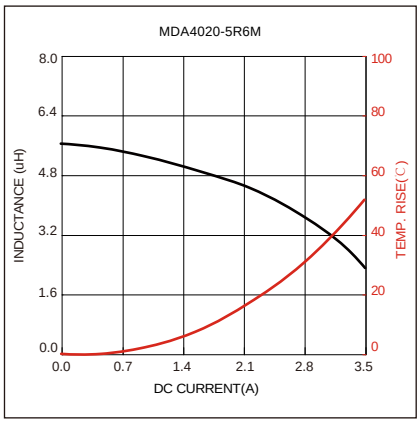
Inductance @ 100KHz/1V

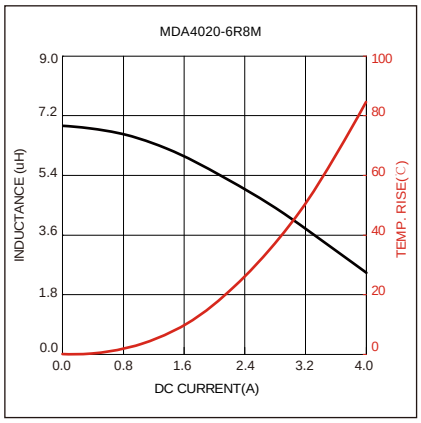
Land Pattern: [mm]

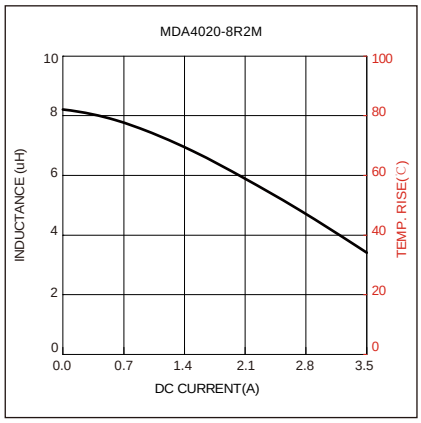


Electrical Properties:

Part No	0.10 0.22 0.47 0.68	Tolerance	Current Typ. (A)	DC Resistance Typ.	Current Max. (A)
MDA4020-R10M	1.00	±20%	26.0	2.90	o
	м¢рл	±20%	мр¢л	4.80	ср Ă
MDA4020-2R2M	2.20	±20%	9.0	ф¢рл	8.0
a 5 ! плнлπowo a	о¢ол	±20%	7.6	11.6	6.6
MDA4020-4R7M	4.70	±20%	р¢р	19.0	р¢л
		±20%	р¢н	27.0	4.8
		±20%	п¢р	41.0	4.0
		±20%	о¢м	ср¢л	2.7
		±20%	2.8	84.0	н¢р


MDA4020-5R6M
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
0.0
0.7
1.4
2.1
2.8
3.5


MDA4020-6R8M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
9.0
7.2
5.4
3.6
1.8
0.0
100
80
60
40
20
0
0.0
0.8
1.6
2.4
3.2
4.0


MDA4020-8R2M
INDUCTANCE (uH)
TEMP. RISE(℃)
DC CURRENT(A)
10
8
6
4
2
0
100
80
60
40
20
0
0.0
0.7
1.4
2.1
2.8
3.5

Soldering Reflow:

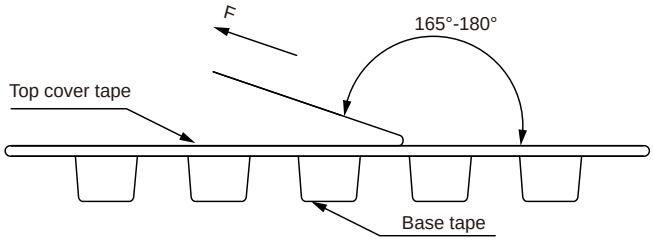
Preheat condition: 150 ~200℃/ 60~120 sec.

Allowed time above 217℃: 60~90 sec.

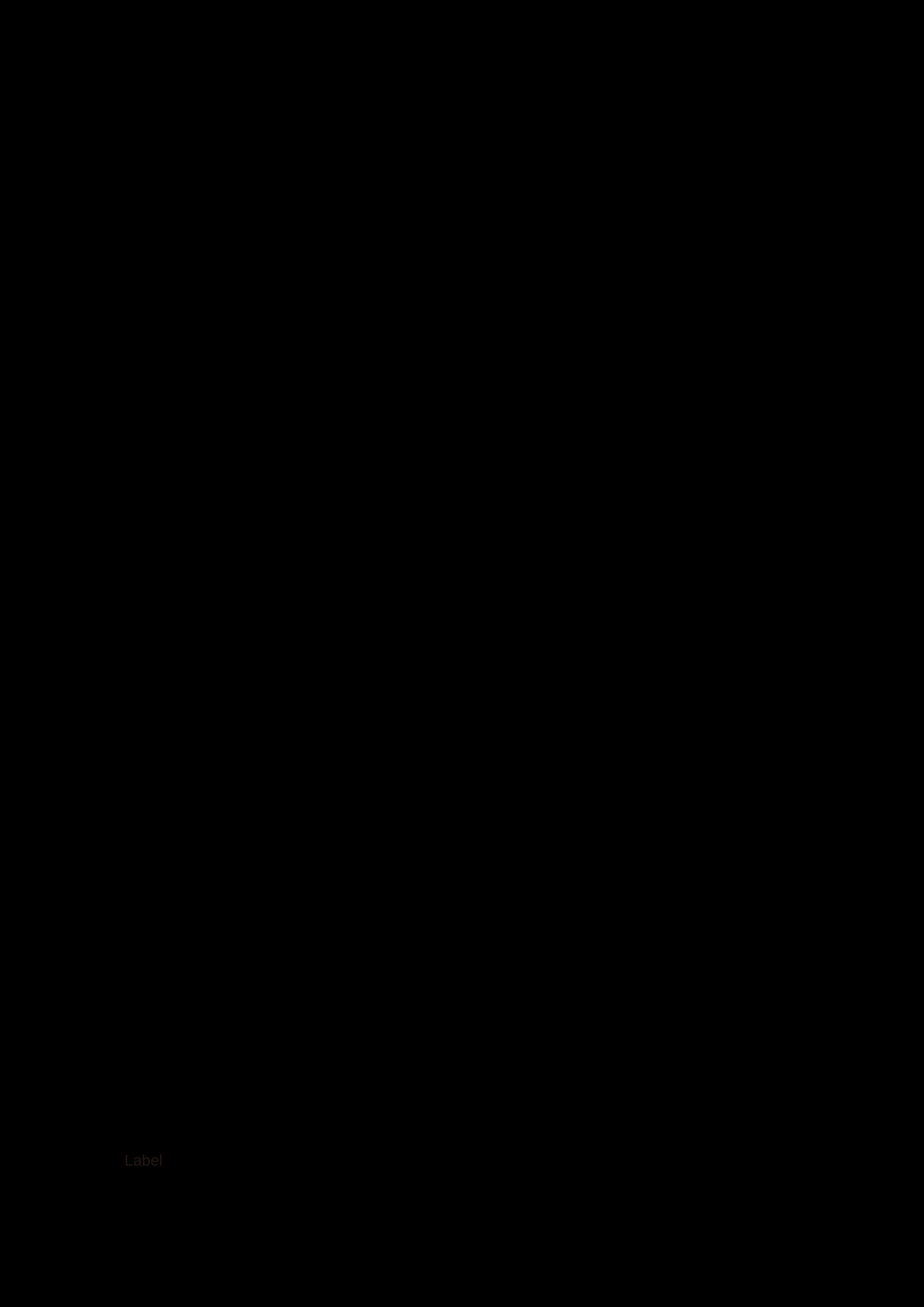
Packaging Information:

Tape Dimension:

Peel force of top cover tape:



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


Label