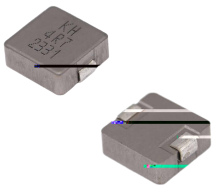
C1 C

SMD Low Profile High Current Molded Inductor
Size 1350

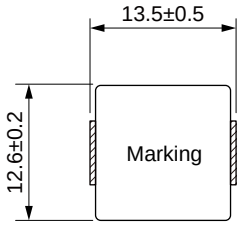


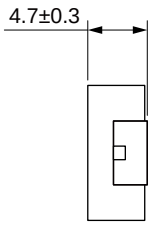
1 C

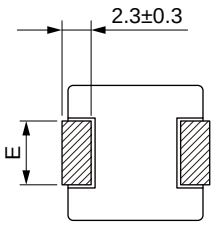
- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- 100% Lead(Pb)-Free and RoHS compliant.

1 1

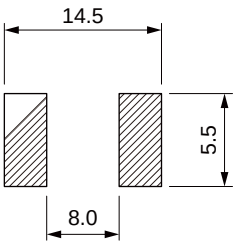
Dimensions: [mm]







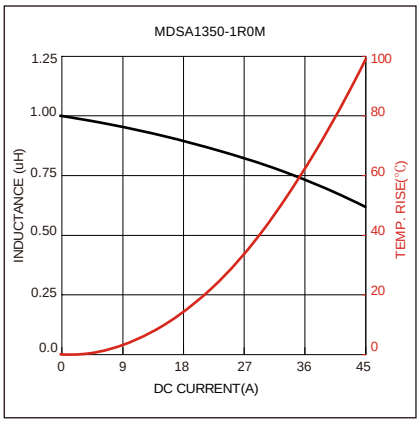
Land Pattern: [mm]

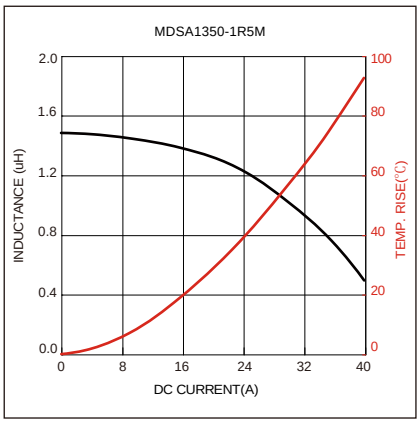


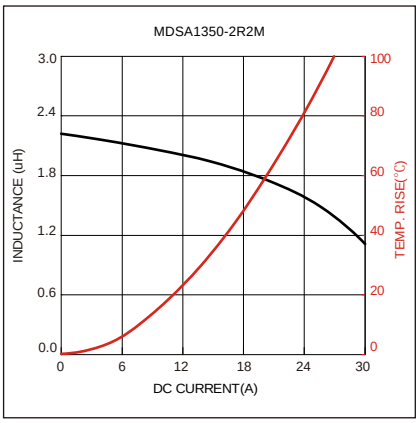
Electrical Properties:

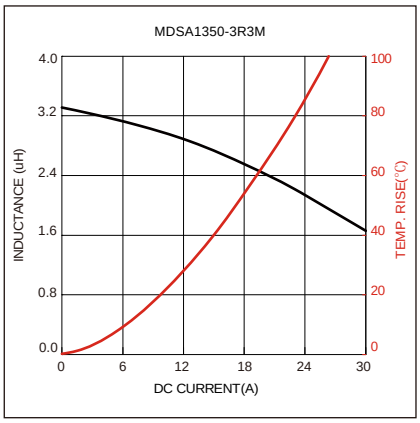
	(µH)			Saturation	(mΩ)	(mΩ)	
	0.22	±20%		64.8		0.62	4.0±0.3
	0.47	±20%	38.0	64.8	0.78	0.91	4.0±0.3
	0.68	±20%	33.8		1.33		4.0±0.3
	1.00	±20%	29.9	39.8	1.61	1.91	4.0±0.3
		±20%	24.9	30.7	3.22	3.83	4.7±0.3
	2.20	±20%	17.0		4.10	4.82	4.7±0.3
	3.30	±20%		22.8	6.03	7.00	4.7±0.3
	4.70	±20%	13.8	18.4	8.82	10.2	4.7±0.3
	6.80	±20%	11.7	16.3	13.0	16.0	4.7±0.3
	10.0	±20%	10.0	12.8	19.2	22.2	4.7±0.3
		±20%	9.38	10.8	30.1	36.3	4.7±0.3

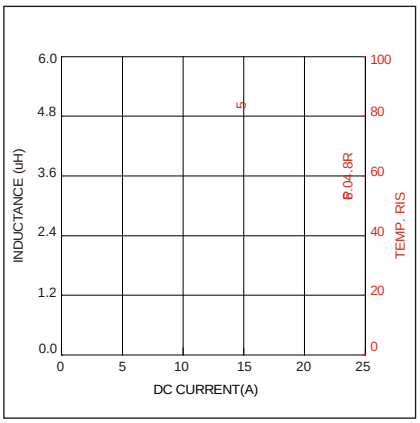
Typical Electrical Characteristics:



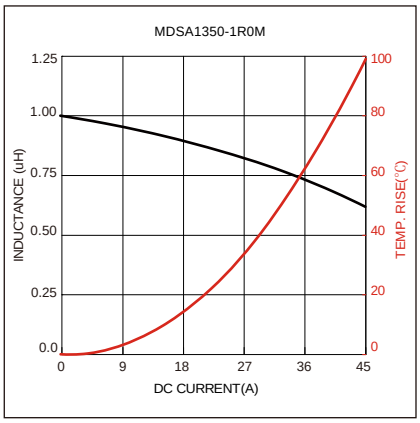


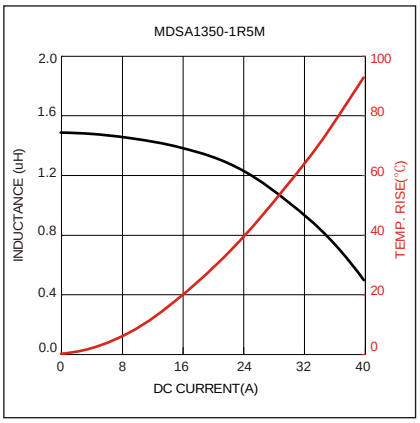


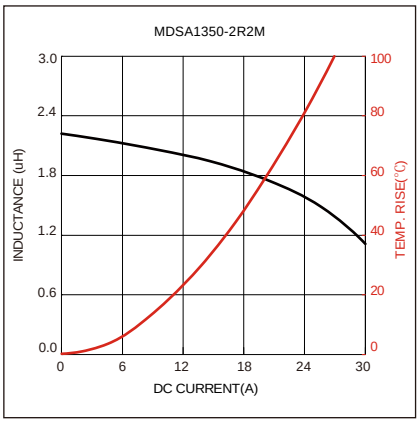


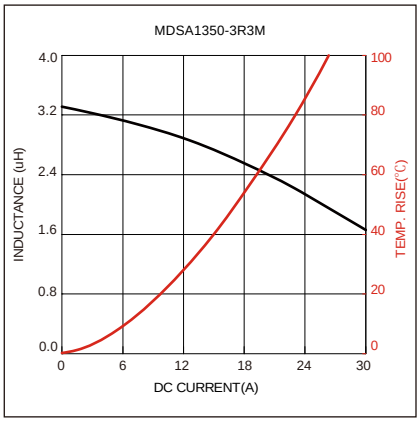


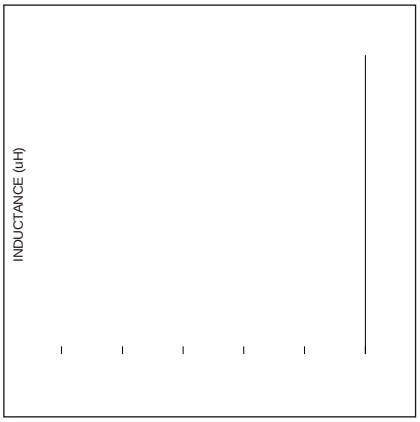
Typical Electrical Characteristics:



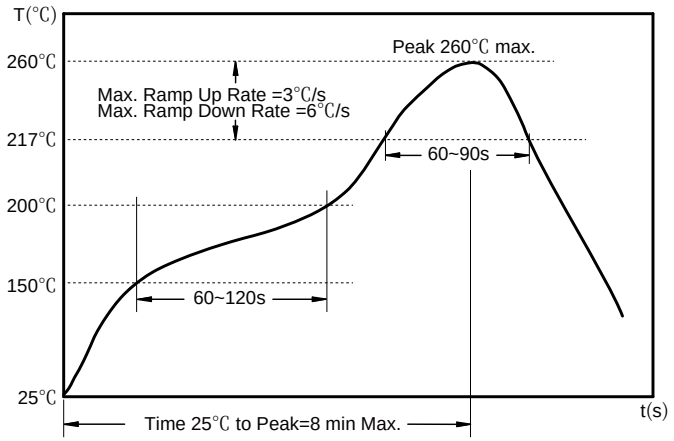








Soldering Reflow:



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

Allowed time above 217℃: 60~90 sec.

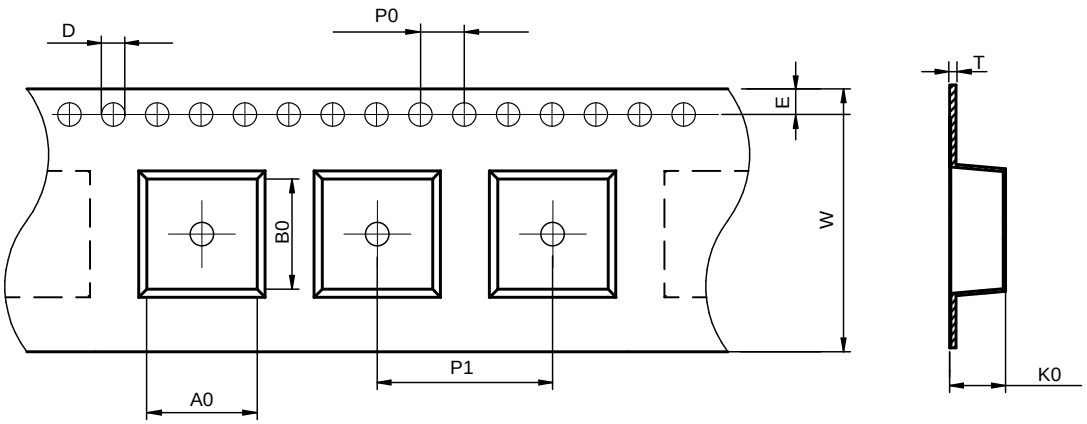
Max temperature: 260℃.

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

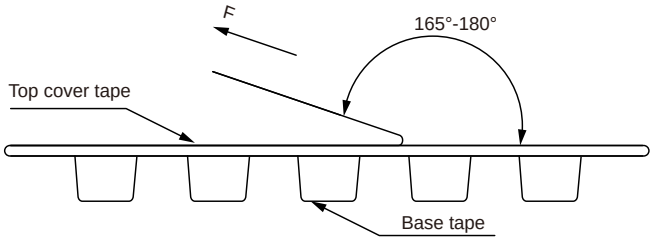
Packaging Information:

Tape Dimension：



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
MDSA1350	13.1 ± 0.1	14.0 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	16.0 ± 0.1	24.0 ± 0.3	5.4 ± 0.1	1.75 ± 0.1	0.50 ± 0.05

Peel force of top cover tape:

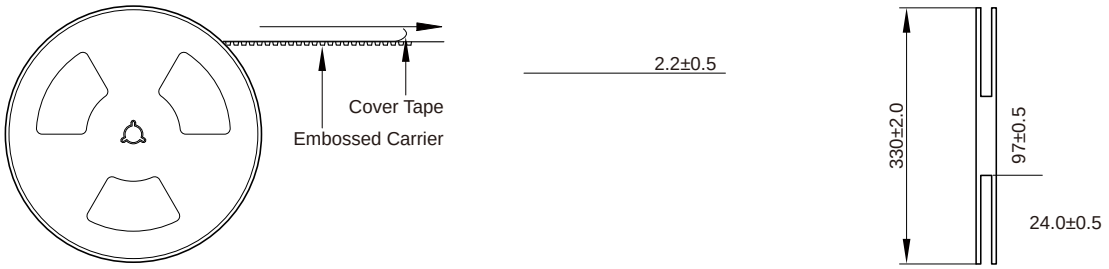


The peel force of top cover tape shall be between 0.1 to 1.3 N

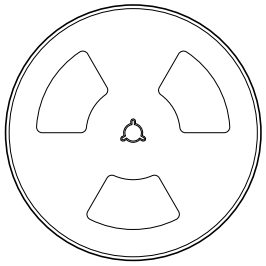
Product Marking:

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: