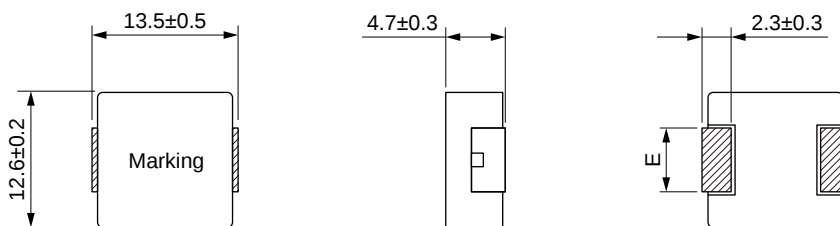


SMD Low Profile High Current Molded Inductor Size 1350

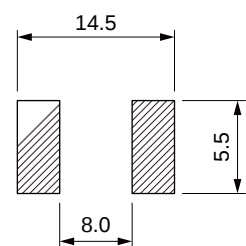


- Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- 100% Lead(Pb)-Free and RoHS compliant.
-
-
-
-
-
-

Dimensions: [mm]



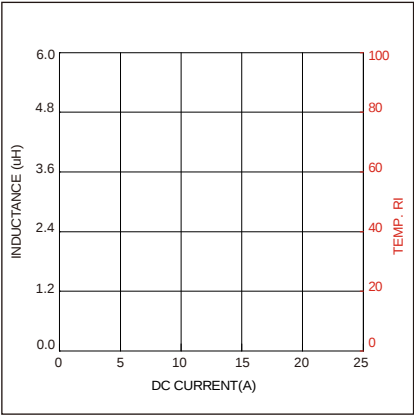
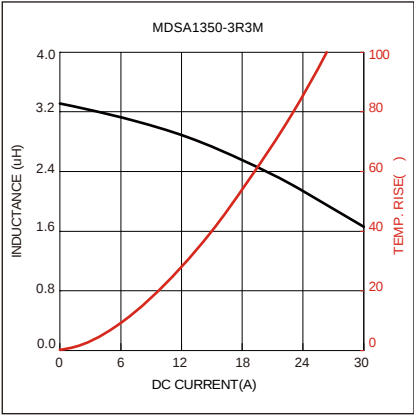
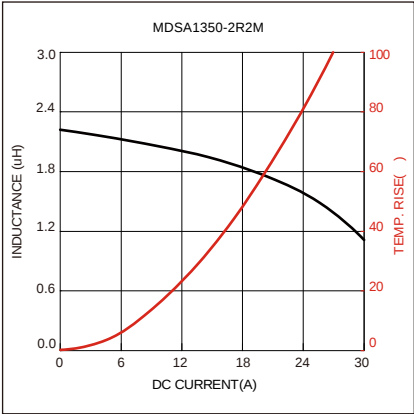
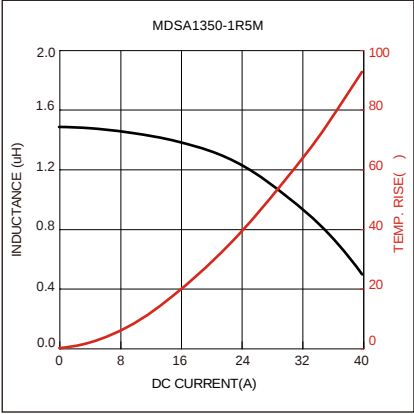
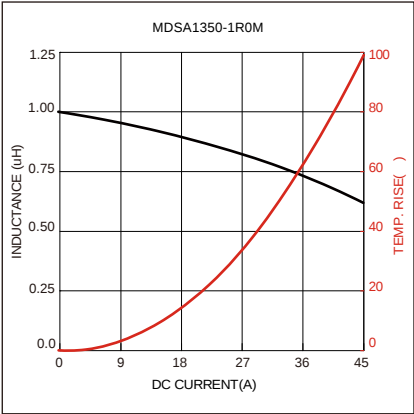
Land Pattern: [mm]



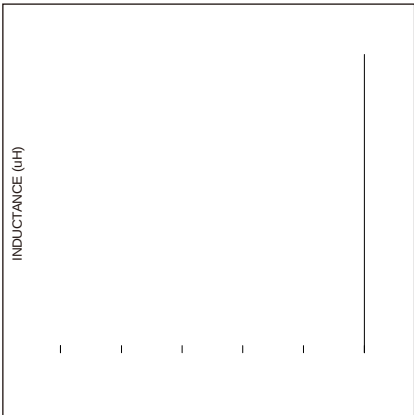
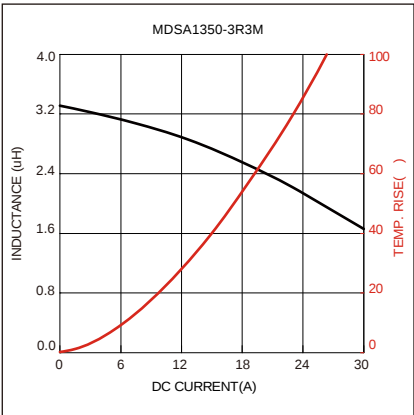
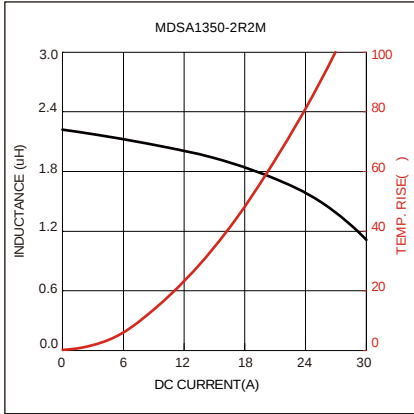
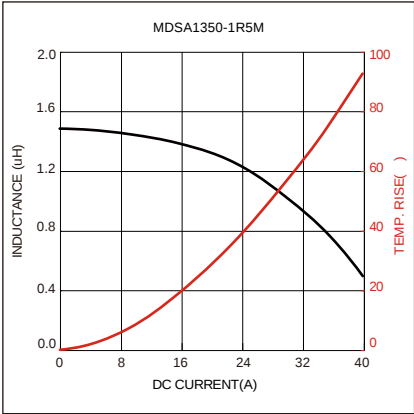
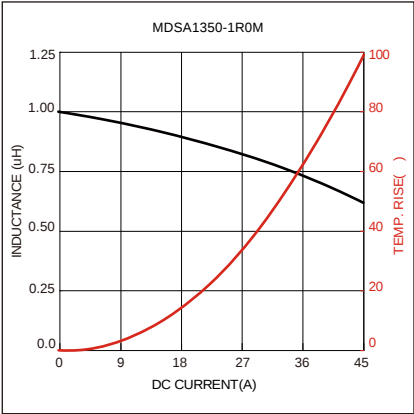
Electrical Properties:

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

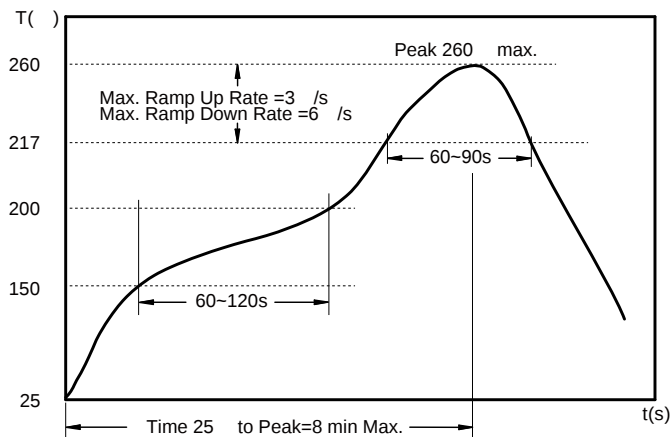
Typical Electrical Characteristics:



Typical Electrical Characteristics:



Soldering Reflow:



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

Allowed time above 217 : 60~90 sec.

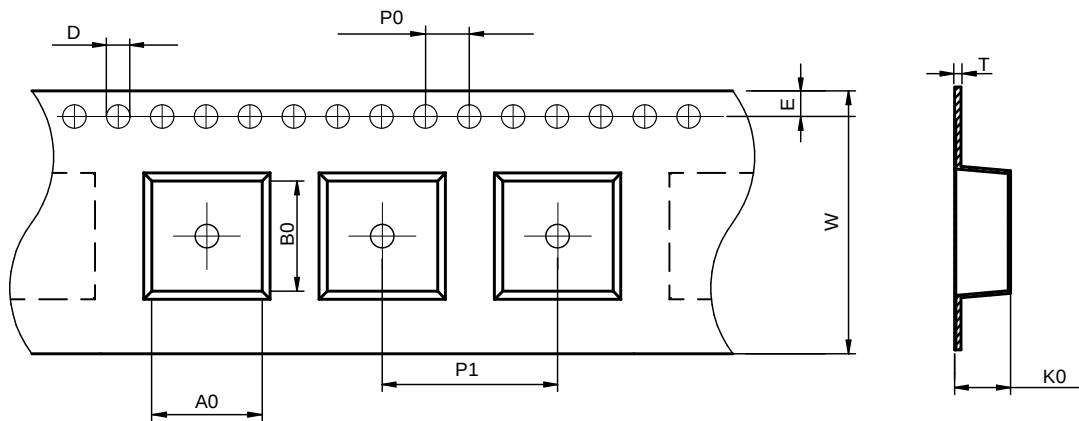
Max temperature: 260 .

Max time at max temperature: 10 sec.

Allowed Reflow time: 2x max.

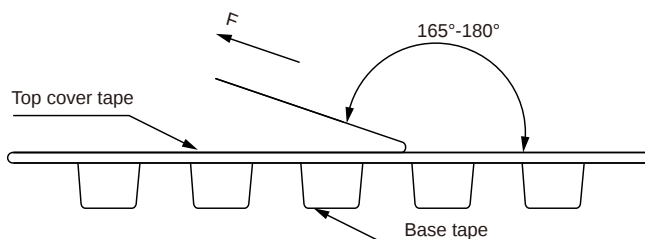
Packaging Information:

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:

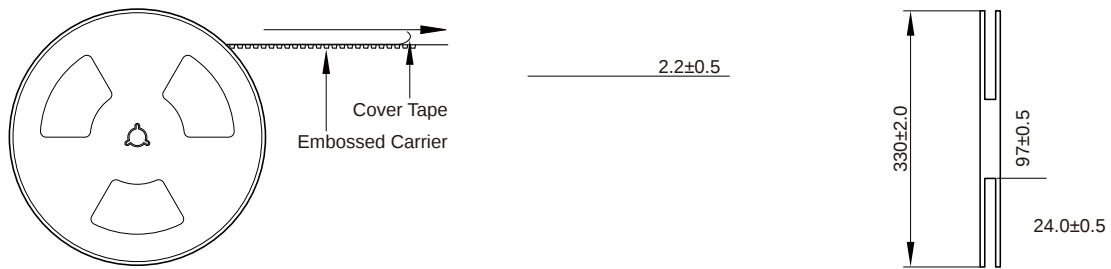


The peel force of top cover tape shall be between 0.1 to 1.3 N

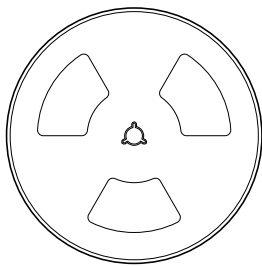
Product Marking:

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: