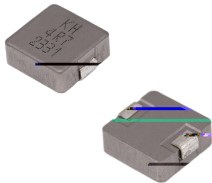


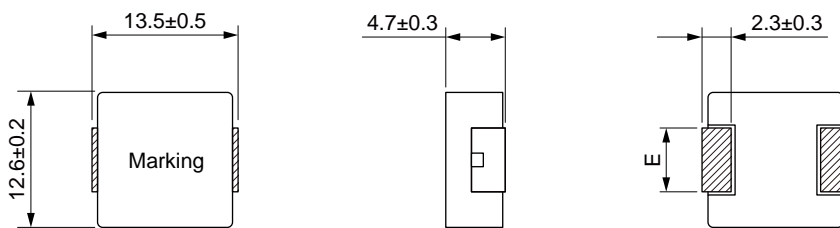
# SMD Low Profile High Current Molded Inductor Size 1350

Capable of corresponding high frequency .  
Low loss realized with low DCR.  
High performance (Isat) realized by metal dust core.

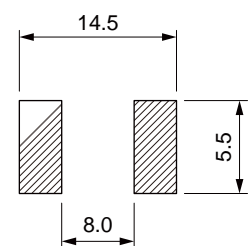
100% Lead(Pb)-Free and RoHS compliant.



## Dimensions: [mm]



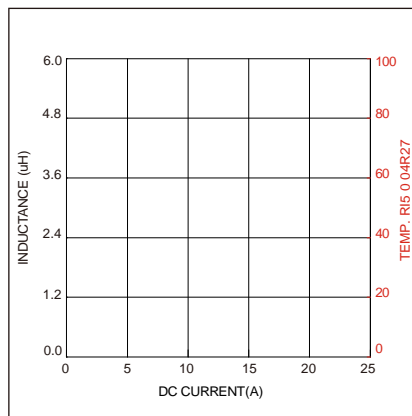
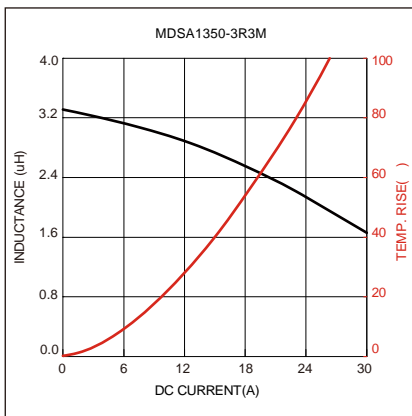
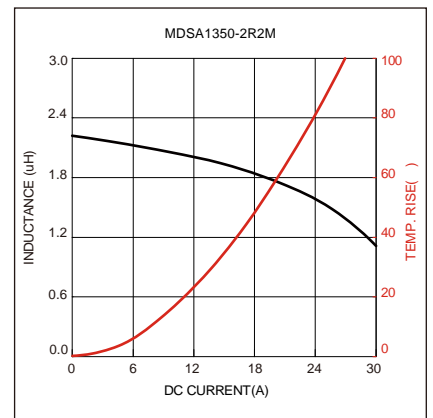
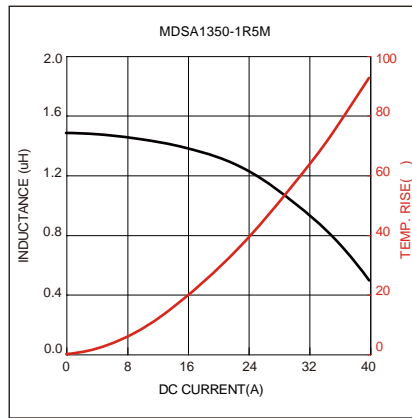
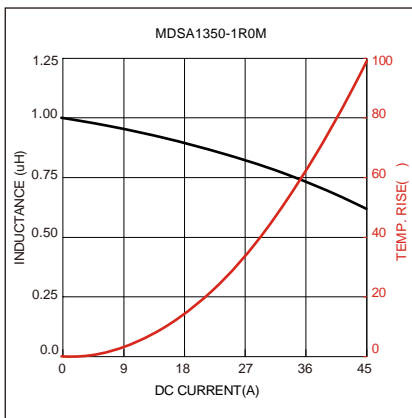
## Land Pattern: [mm]



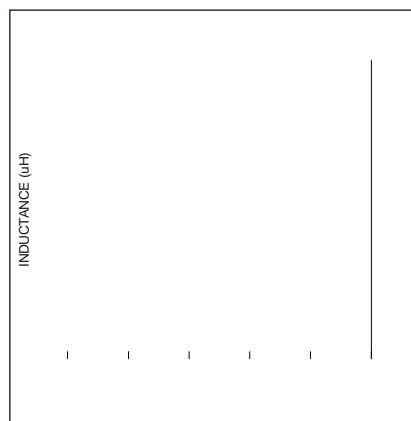
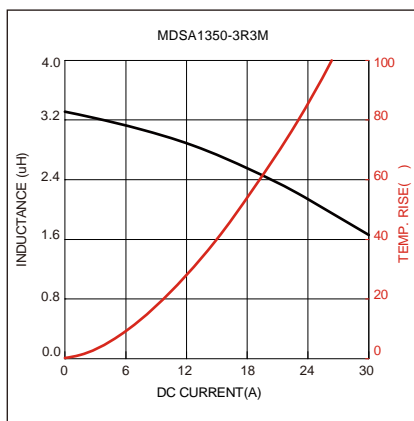
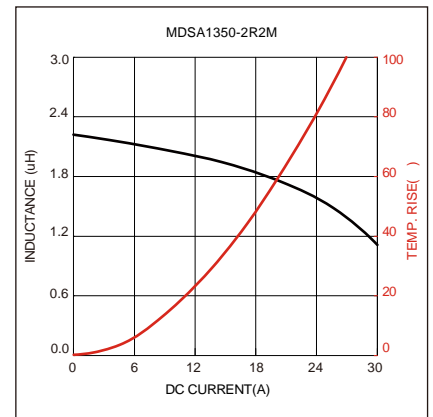
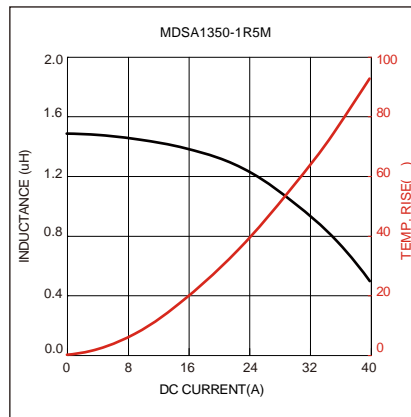
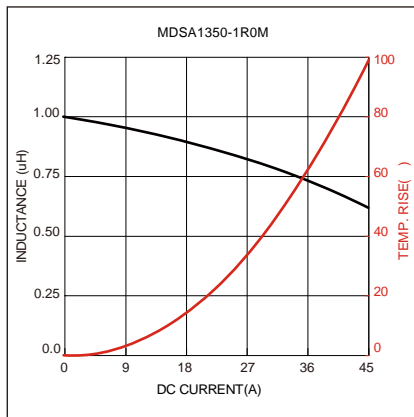
## Electrical Properties:

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

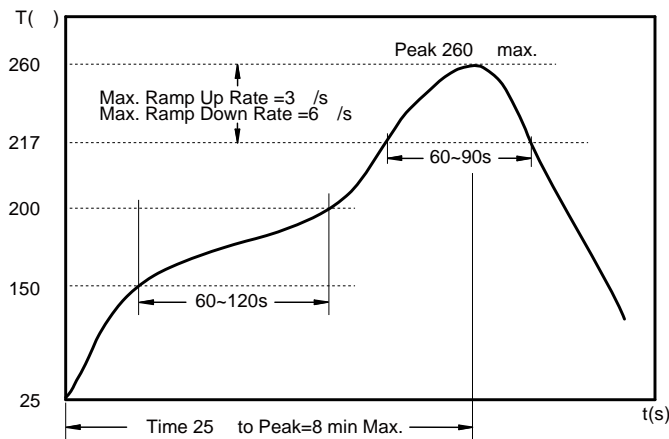
## Typical Electrical Characteristics:



# Typical Electrical Characteristics:



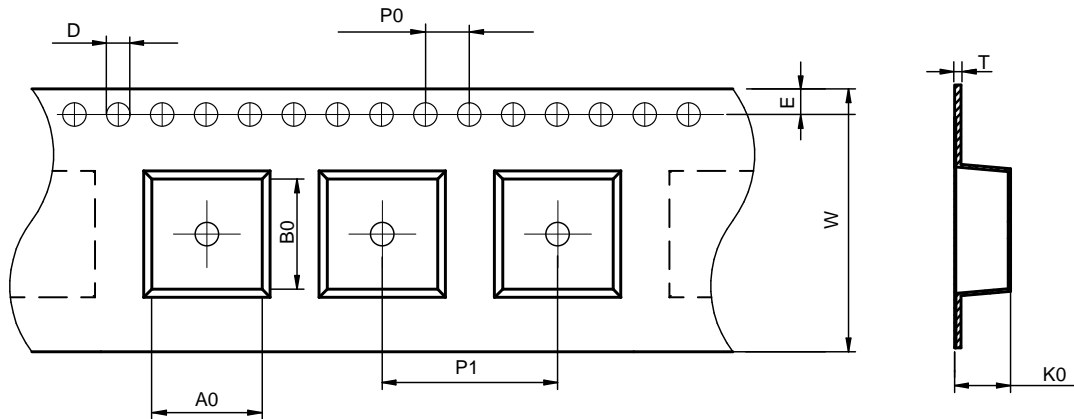
## Soldering Reflow:



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.

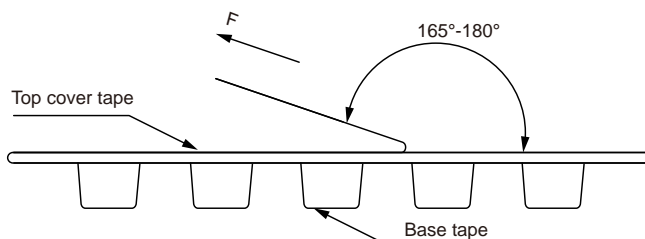
## Packaging Information:

### 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:

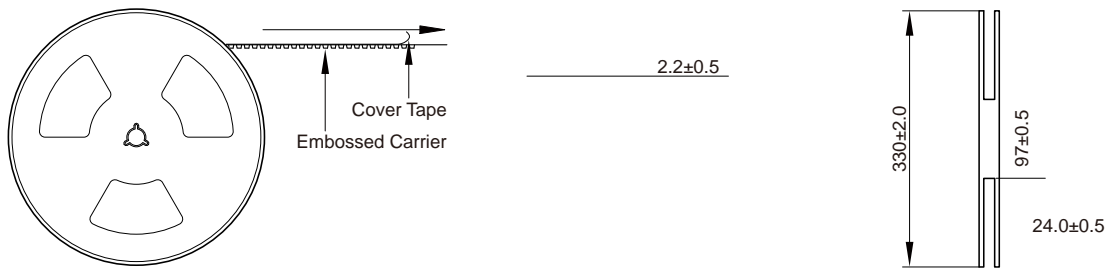


The peel force of top cover tape shall be between 0.1 to 1.3 N

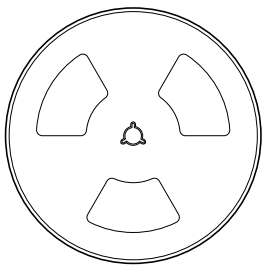
### Product Marking:

Marking	KH+Printing Inductance+period)
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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: