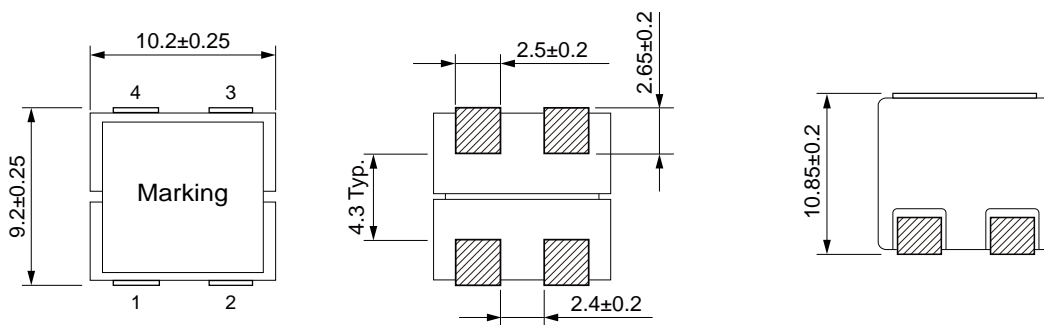


**DMMA Series** .koheFEATURESA SerC0s Size 09433 0088 703 1051.koh00B51BT% Lead  
 Molded Inductor  
 Size 1094

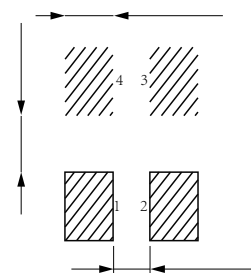
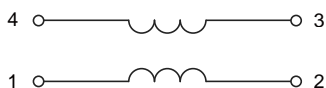


**APPLICATION**

▪



**Schematic:**

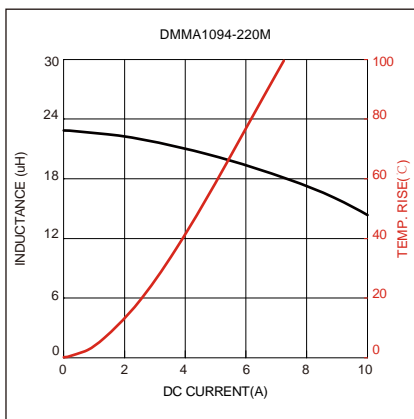
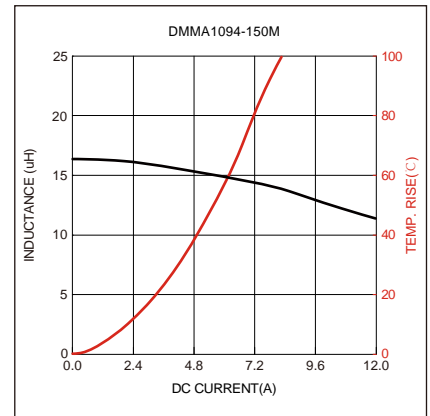
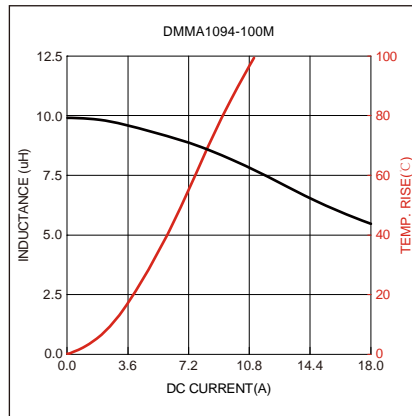
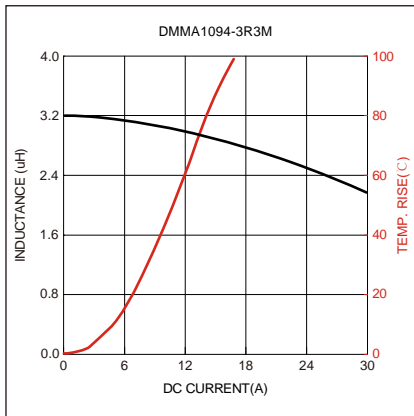


	( $\mu\text{H}$ )				Saturation	Saturation	( $\text{m}\Omega$ )
		$\pm 20\%$	9.0	8.0	26.0		8.6
	10.0	$\pm 20\%$			12.0	10.0	22.0
		$\pm 20\%$			9.0	7.7	
	22.0	$\pm 20\%$					

Saturation Current will cause L to drop approximately 30%

Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^\circ\text{C}$

## Typical Electrical Characteristics:



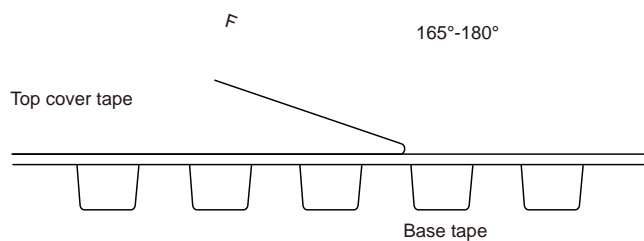
## Soldering Reflow:

## Packaging Information:

### Tape Dimension:

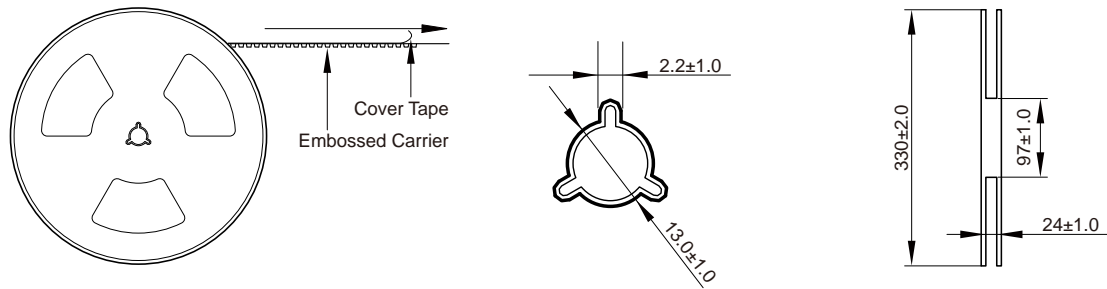
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
DMMA1094	9.6±0.1	10.6±0.1	1.50±0.1	4.0±0.1	16.0±0.1	24.0±0.3	11.25±0.1	1.75±0.1	0.5 typ

### Peel force of top cover tape:

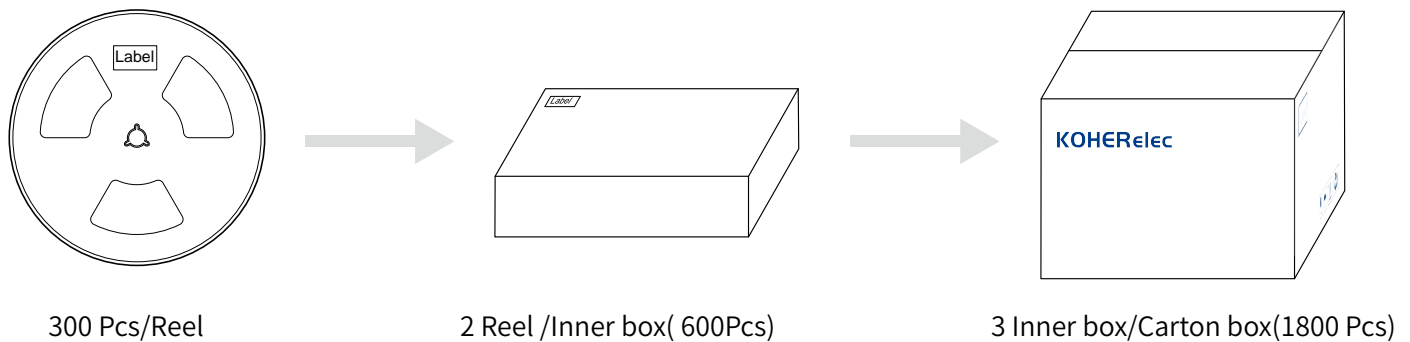


The peel force of top cover tape shall be between 0.1 to 1.3 N

## Reel Dimension: [mm]



## Packaging Quantity:



## Cautions and Warnings:

### Storage Conditions :

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max). If the storage period elapses, the soldering of the terminal electrodes may deteriorate. The warranty period is one year.
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and etc.
- Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

### Operation Instructions:

- Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design.
- Before soldering, be sure to preheat components. The preheating temperature should be set so that the temperature difference between the solder temperature and chip temperature does not exceed 150°C.
- Soldering corrections after mounting should be within the range of the conditions determined in the specifications. If overheated, a short circuit, performance deterioration, or lifespan shortening may occur.
- Generally, Koher might not be familiar with either customer's specific application or actual requests as customer does. As a result customer shall be responsible for checking and confirming whether Koher product with the performance described in the product specification is suitable for using in customer's particular application or not.