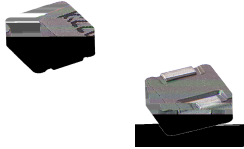


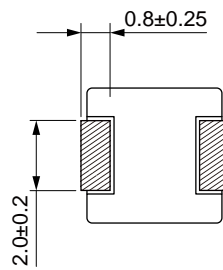
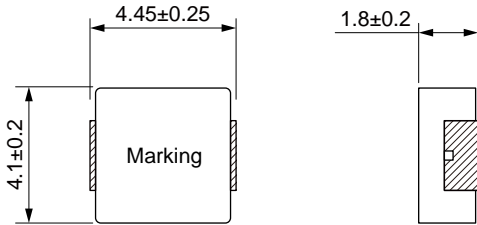


# SMD Low Profile High Current Molded Inductor Size 4020

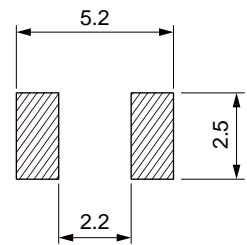


- o Capable of corresponding high frequency .
- Low loss realized with low DCR.
- High performance (Isat) realized by metal dust core.
- y 100% Lead(Pb)-Free and RoHS compliant.
- ° -# j
- \ #
- j h#o
- =
- = HVAC
- ) Audio subsystem
- ) Digital instrument cluster
- @ † @

## Dimensions: [mm]



## Land Pattern: [mm]



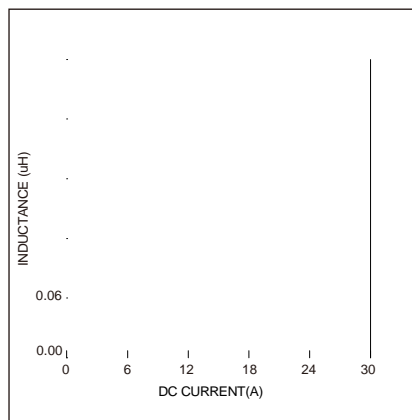
## Electrical Properties:

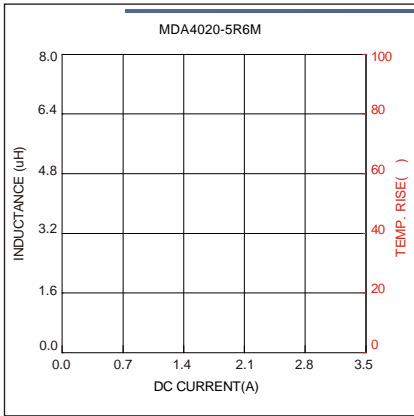
Tolerance

±20%	26.0
±20%	
±20%	9.0
±20%	7.6
±20%	
±20%	
±20%	
±20%	2.8



## Typical Electrical Characteristics:

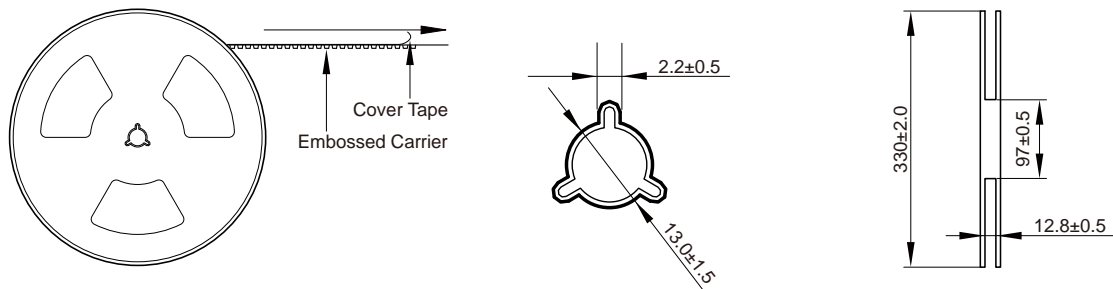




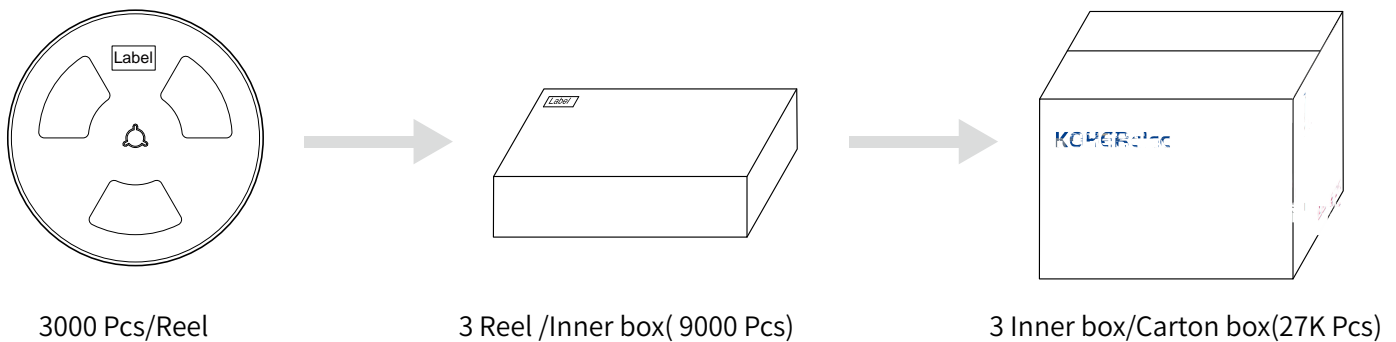




## Reel Dimension : [mm]



## 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.