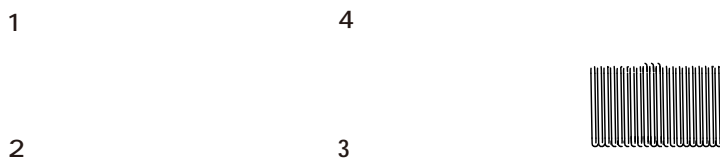




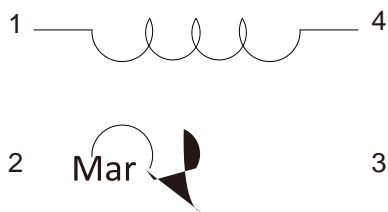
# Wire-wound Common Mode Choke

## Size 3225

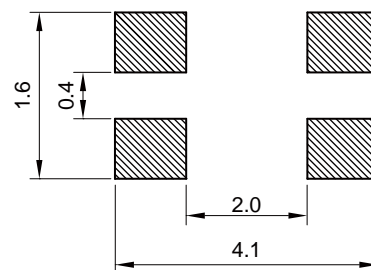
Dimensions: [mm]



Schematic :



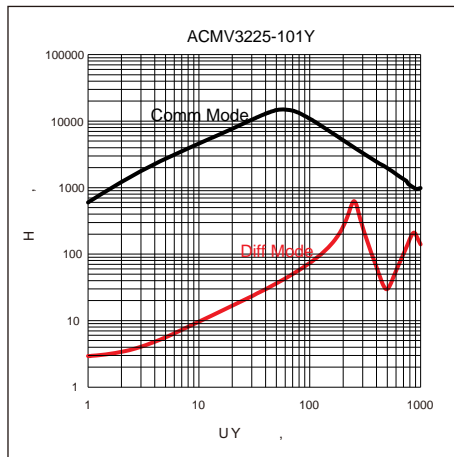
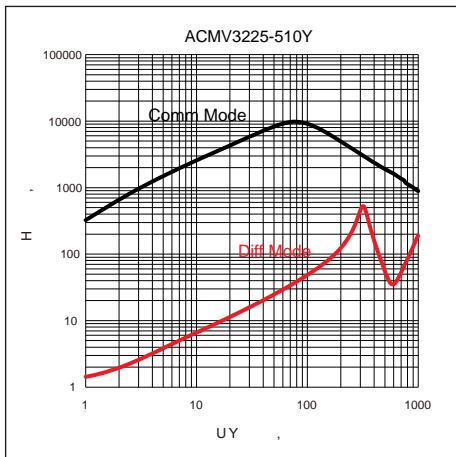
Land Pattern: [mm]



Electrical Properties:

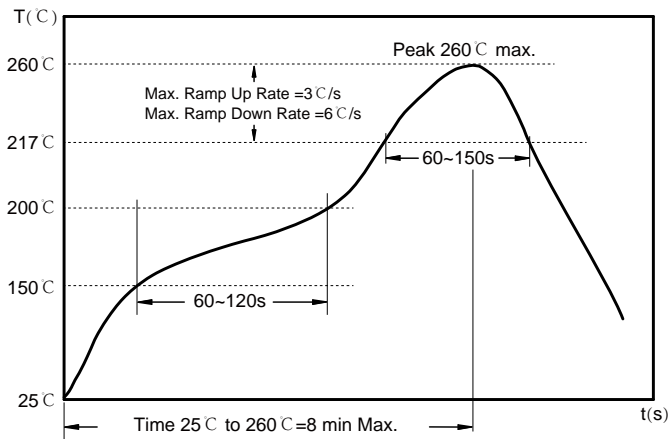
Part No	Common Mode Impedance @ 10 MHz/0.1V		Common Mode Inductance @ 100kHz/0.1V +50%/-30%	Rated Current Max.	Resistance Min.
	Min.	Typ.			

# Typical Electrical Characteristics:





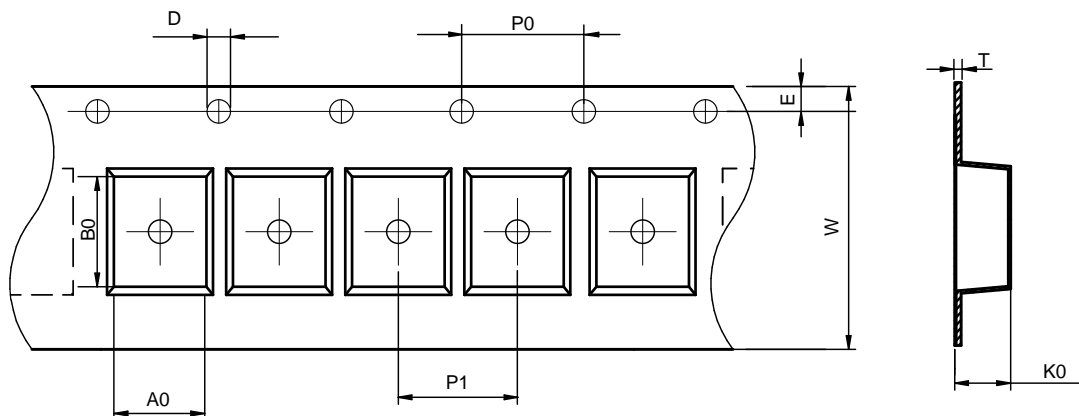
## Soldering Reflow:



Preheat condition: 150 ~ 200°C / 60~120 sec.  
 Allowed time above 217°C: 60~150 sec.  
 Max temperature: 260°C.  
 Max time at max temperature: 30 sec.  
 Allowed Reflow time: 3x max.

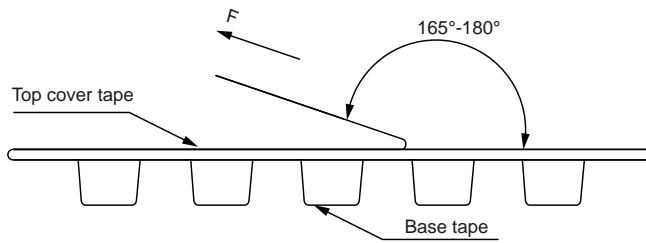
## Packaging Information:

### Tape Dimension:



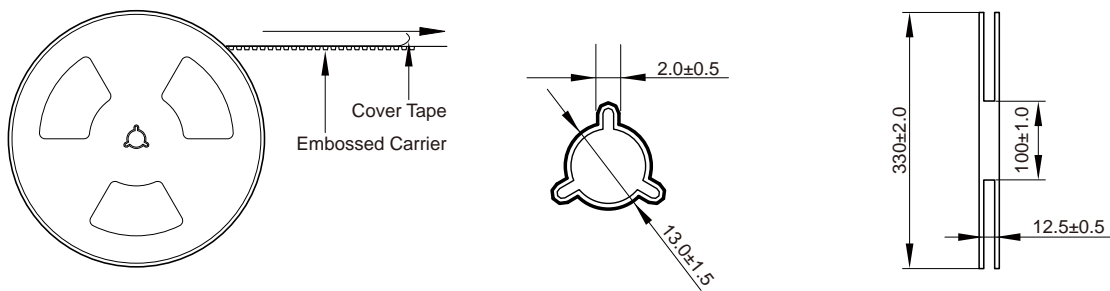
Series	A0	B0	D	P0	P1	W	K0	E	T
ACM3225	2.7± 0.1	3.9± 0.1	1.5± 0.1	4.0± 0.1	4.0± 0.1	12.0± 0.3	2.8± 0.1	1.75± 0.1	0.35± 0.1

### Peel force of top cover tape:

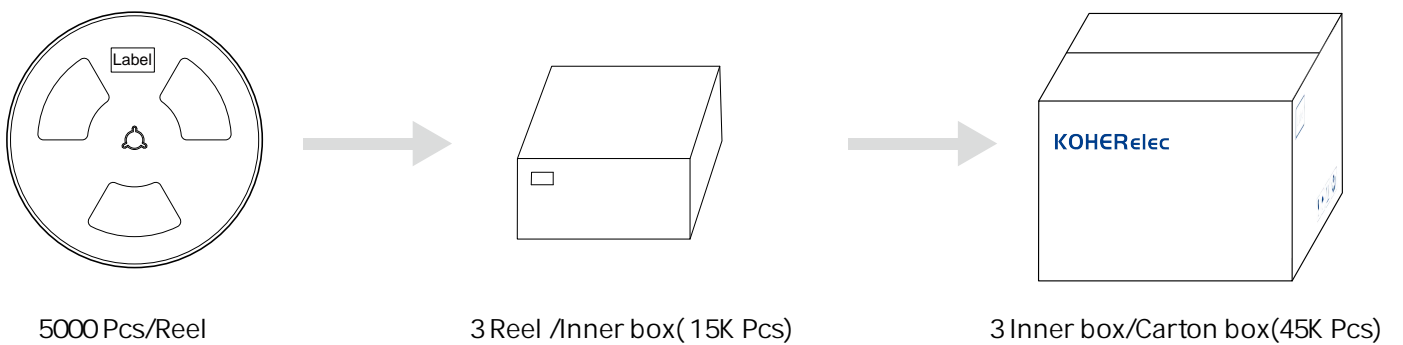


The peel force of top cover tape shall be between 0.1 to 1.3 N

### 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. 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:

- 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.

### Conformal coating:

- The inductance value may change due to the high cure stress of the resin used for coating or molding.
- An open circuit may occur due to mechanical stress from the resin, its amount, cured shape, or operating conditions.
- Please exercise careful attention when selecting a resin for the coating or molding process.
- Prior to using the coating resin, please verify that no reliability issues are observed.
- When applying conformal coating for product protection, materials with a high shrinkage rate should be avoided. If such materials must be used, it is recommended to apply silicone around the inductor core in a closed loop to prevent the conformal coating from flowing into or penetrating the windings, thereby avoiding open-circuit failures caused by the coating's thermal stress.