



## Common Mode Filters For Automotive Signal Line Size 3225

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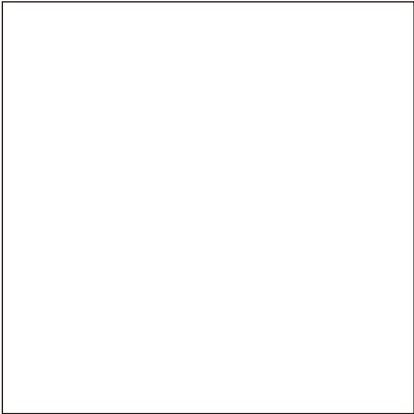
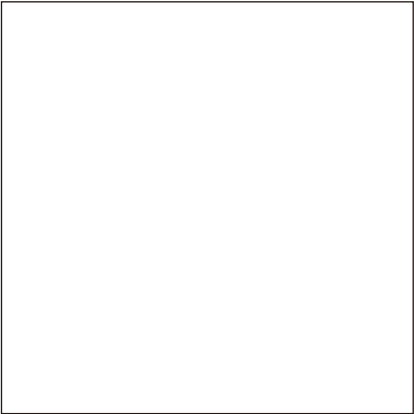
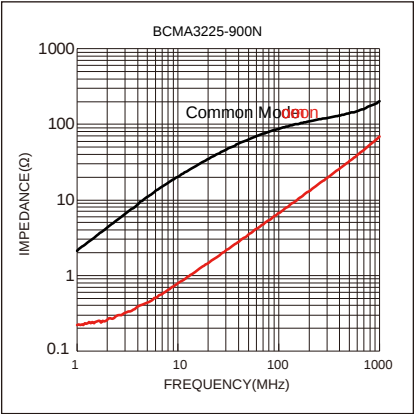
Land Pattern: [mm]

### Electrical Properties:

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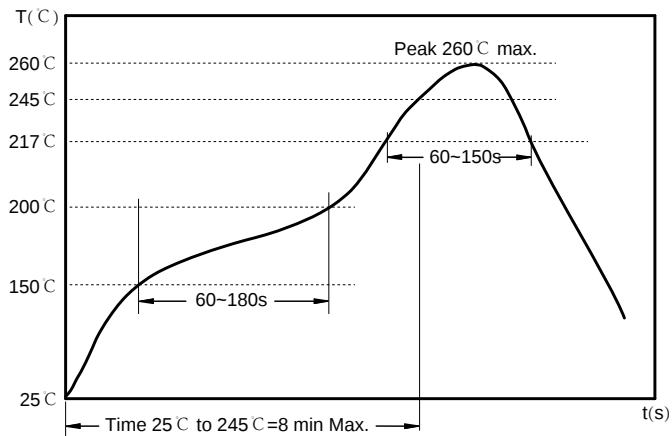
[www.kohergroup.com](http://www.kohergroup.com)

Typical Electrical Characteristics:





## Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~180 sec.

Allowed time above 217 °C : 60~150 sec.

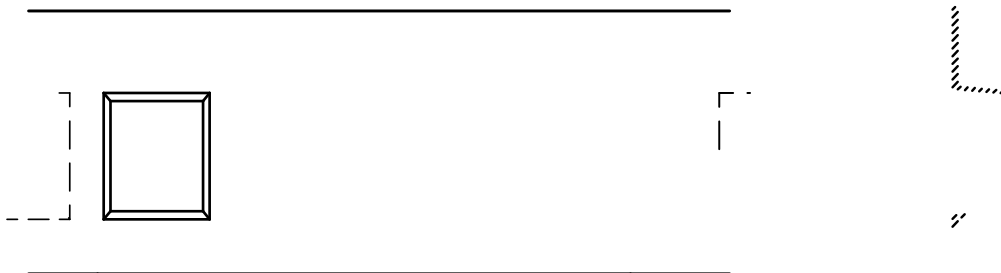
Max temperature: 260 °C .

Max time at max temperature: 10 sec.

Allowed Reflow time: 3x max.

## Packaging Information:

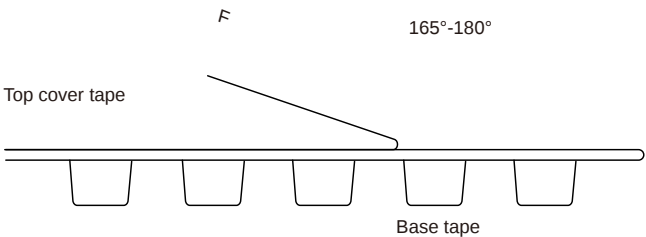
### Tape Dimension :



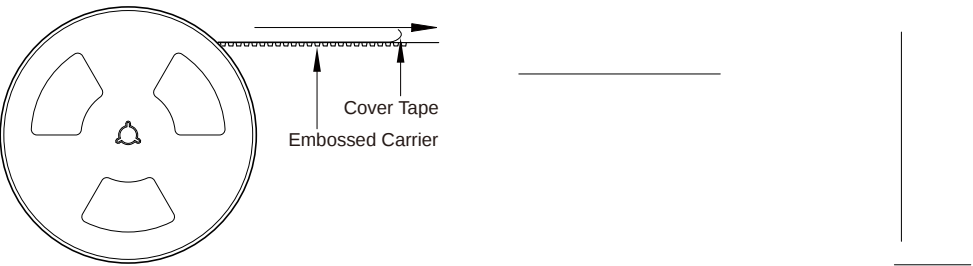
| Series   | A0<br>(mm) | B0<br>(mm) | D<br>(mm) | P0<br>(mm) | P1<br>(mm) | W<br>(mm) | K0<br>(mm) | E<br>(mm)  | T<br>(mm)   |
|----------|------------|------------|-----------|------------|------------|-----------|------------|------------|-------------|
| BCMA3225 | 2.88 ± 0.1 | 3.72 ± 0.1 | 1.5 ± 0.1 | 4.0 ± 0.1  | 4.0 ± 0.1  | 8.0 ± 0.3 | 2.50 ± 0.1 | 1.75 ± 0.1 | 0.23 ± 0.05 |



Peel force of top cover tape:



Reel Dimension: [mm]



## 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.

### 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 ch13 or
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