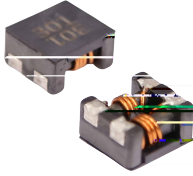


## BCMA Series

### Common Mode Filters For Automotive Power Line Size 1513



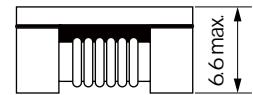
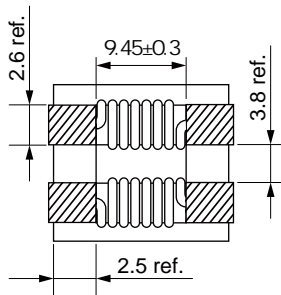
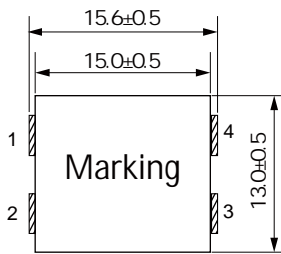
#### FEATURES

- High common mode impedance cause excellent noise suppression performance.
- AEC-Q200 qualified
- Operating temperature: -40 to +150°C
- Quantity: 350 pcs

#### APPLICATIONS

- Measures against common mode noise in power lines for various DC power lines, multimedia devices, and various electronic devices

#### Dimensions: [mm]

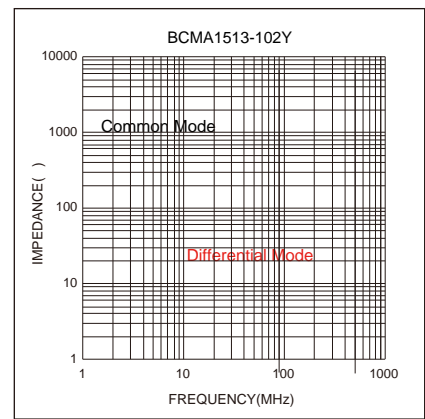
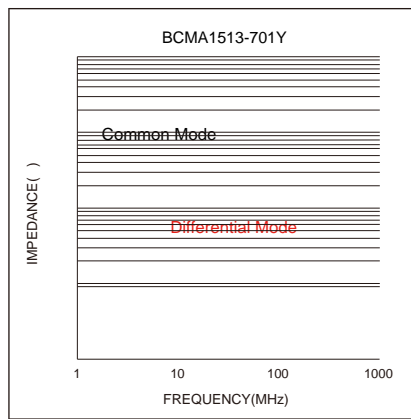
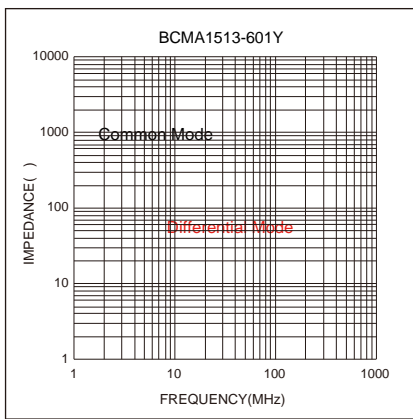
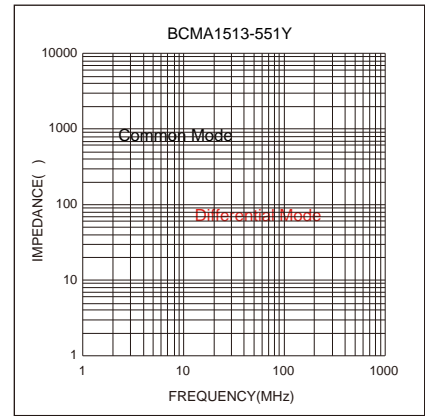
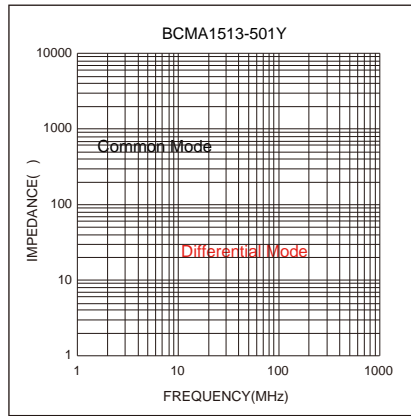
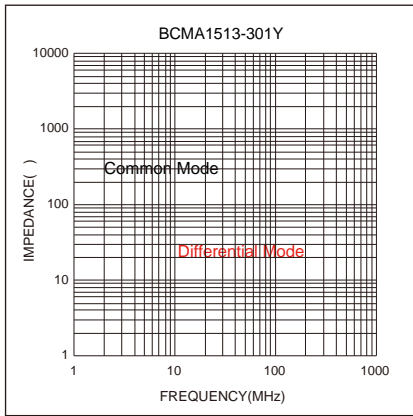


#### Schematic:



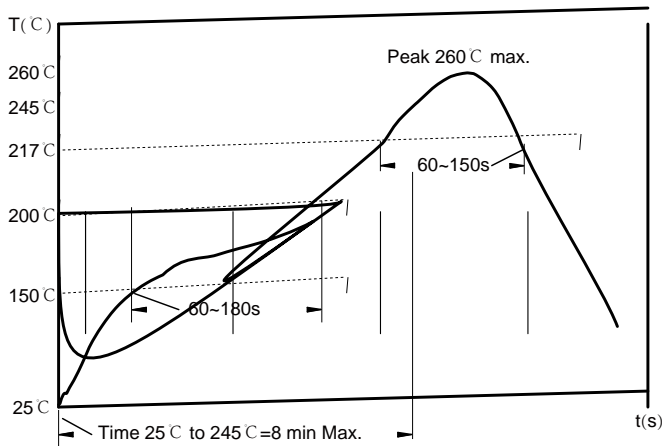
#### Electrical Properties:







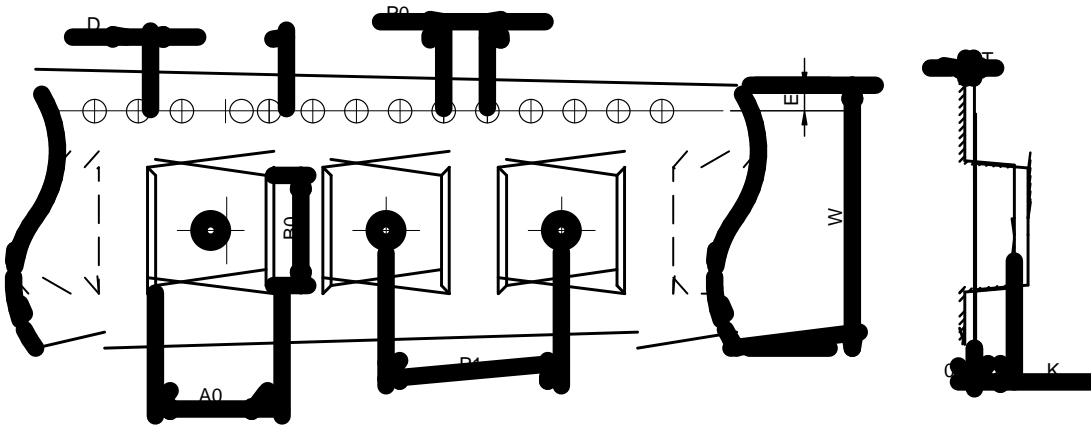
## Soldering Reflow:



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 (mm)	B0 (mm)	D (mm)	D0 (mm)	E (mm)	W (mm)	K (mm)
BCMA1513	14.0± 0.1	16.0± 0.1	1.5± 0.1	4.0± 0.1	20.0± 0.1	24.0± 0.3	6.2± 0.1

## Product Marking:

Marking	Printing Impedance)
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## 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 shaped Imperating
- Please exercises careful attention when selecting the resin (for the coating or molding process.) T<sub>D</sub> -1.9 T<sub>D</sub> (P<sub>ifor</sub> or using the co