

BCMA Series

Common Mode Filters For Automotive Power Line
Size 1211

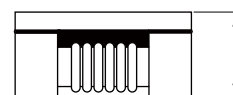
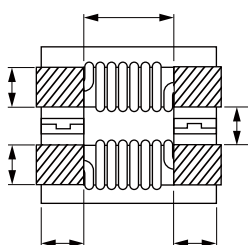
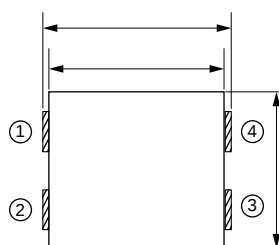
FEATURES

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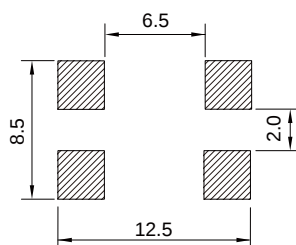
APPLICATIONS

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Dimensions: [mm]



Land Pattern: [mm]



Schematic:

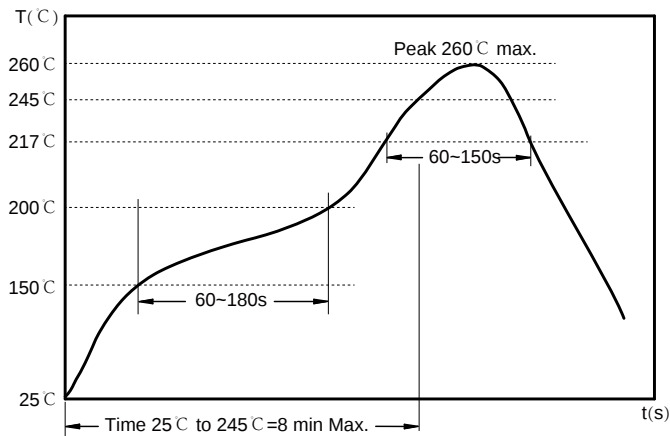


Electrical Properties:

Part No	Impedance Min.	Impedance Typ.	Test (MHz)	Rated Current Max. (A)	DC Resistance Max.	Rated Voltage Max. (Volts)	Resistance Min.

Rated Current: Temperature.rise 40°C Typ.

Soldering Reflow:



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

Allowed time above 217 : 60~150 sec.

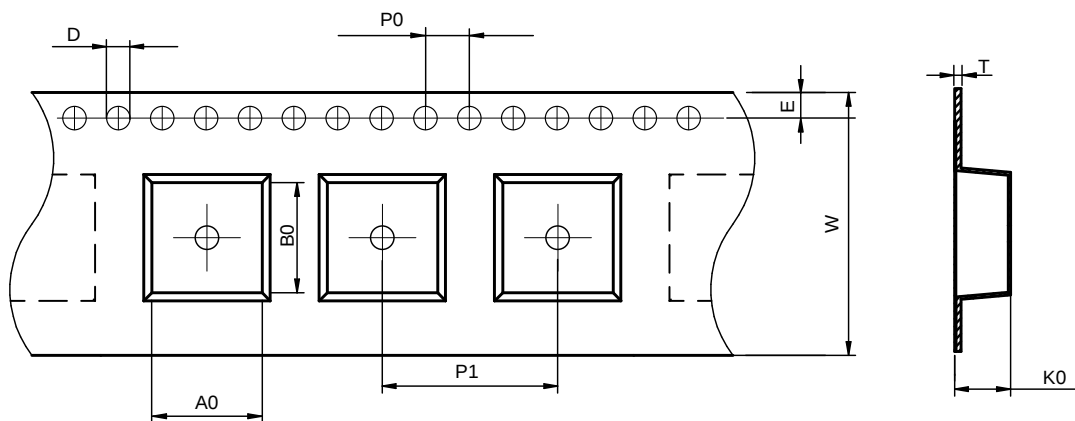
Max temperature: 260 .

Max time at max temperature: 10 sec.

Allowed Reflow time: 3x max.

Packaging Information:

Tape Dimension:

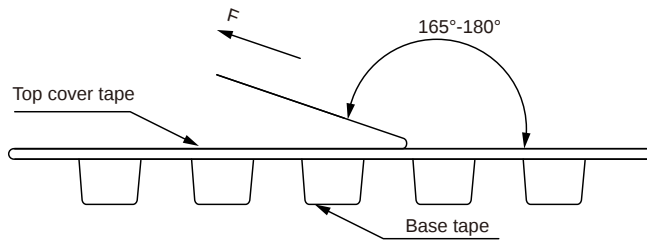


A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
11.3±0.1	13.0±0.1	1.5±0.1	4.0±0.1	16.0±0.1	24.0±0.3	6.6±0.1	1.75±0.1	0.40±0.05

Product Marking:

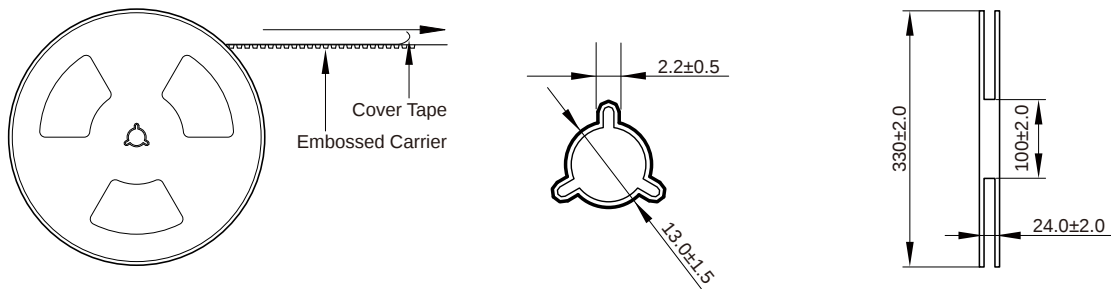
Marking	Printing Impedance)
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Peel force of top cover tape:

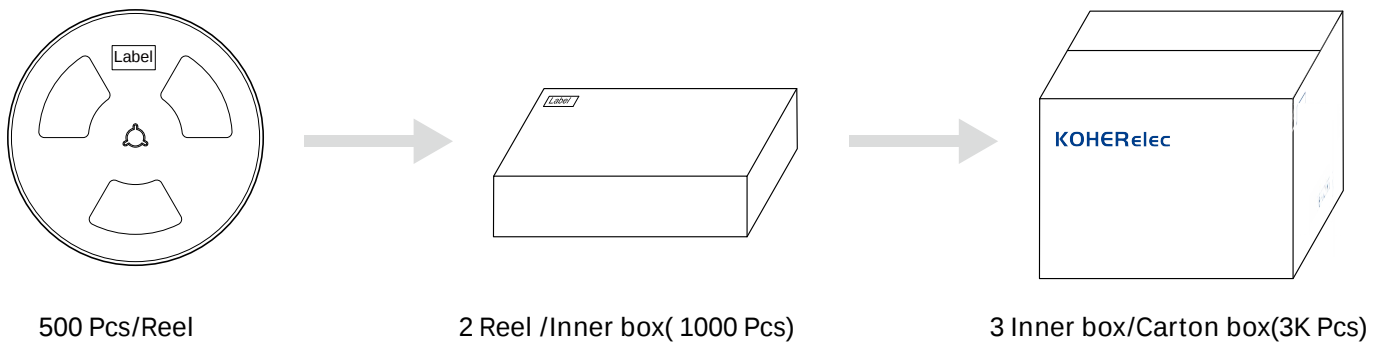


The peel force of top cover tape shall be between 0.10 to 1.17 N

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.

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