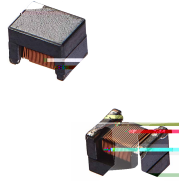


ACMA ETH Series

Common Mode Filters For Automotive Signal Line

Size 3225



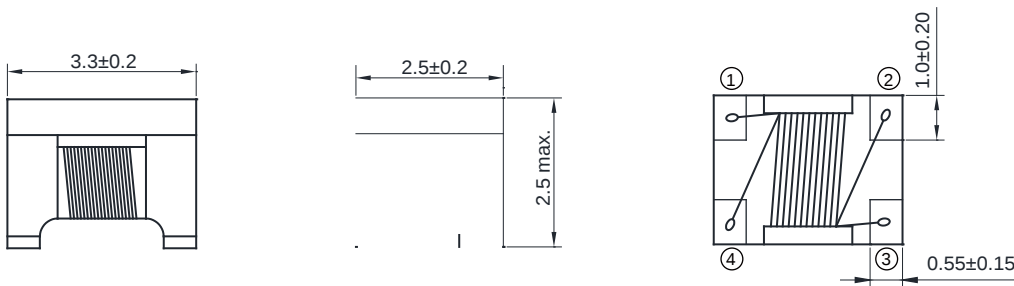
FEATURES

- Common mode filters for automotive Ethernet 10BASE-T1S.
- This product achieves high S-parameter while using a proprietary method.
- AEC-Q200 qualified.
- Operating temperature : -40 to $+125^{\circ}\text{C}$
- Quantity: 2000pcs.

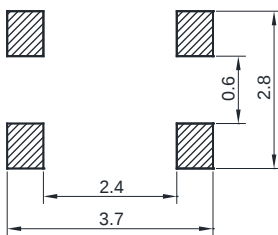
APPLICATION

- CAN-FD.
- Ethernet system.

Dimensions: [mm]



Land Pattern: [mm]



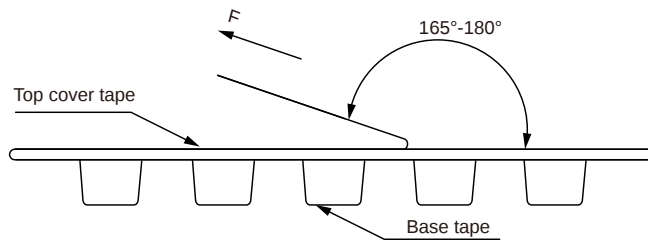
Electrical Properties:

Part No	Inductance @100KHz/0.1V	Tolerance	Rated Current Max.	DC Resistance Max.	Rated Voltage Max.	IR Min.
ACMA3225ETH-131Y	130	+30/-10%	115	3.5	80	10
ACMA3225ETH-241Y	240	+50/-20%	70	4.1	80	10

Packaging Information:

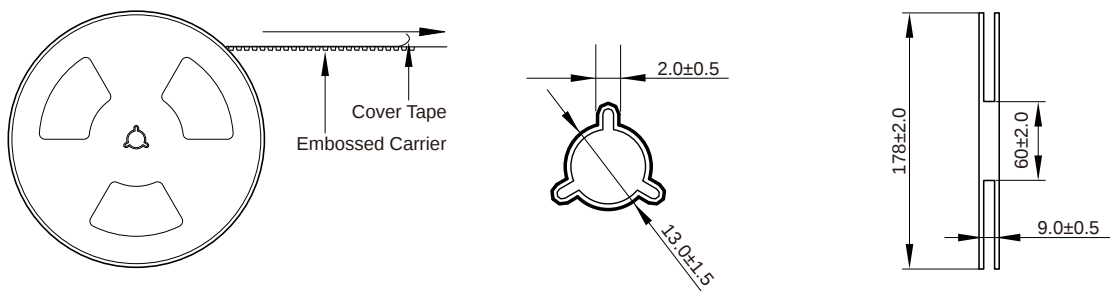
Tape Dimension

Peel force of top cover tape:

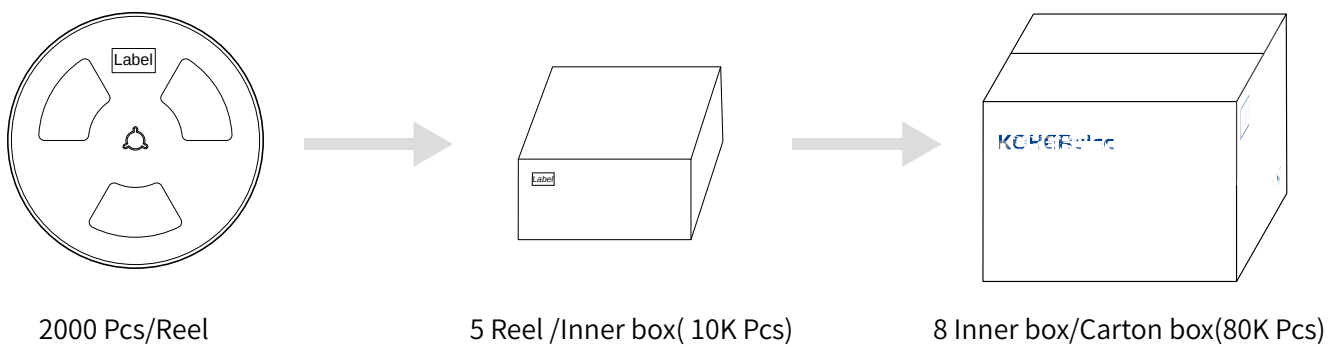


The peel force of top cover tape shall be between 0.14 to 0.78 N

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 store the products under the following 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 an 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, Kohler 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 Kohler product with the performance described in the product specification is suitable for using in customer's particular application or not.