BCMA Series

Common Mode Filters For Automotive Power Line
Size 7060

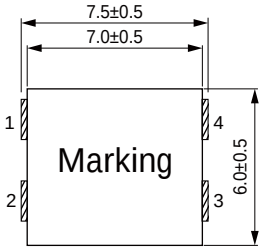
FEATURES

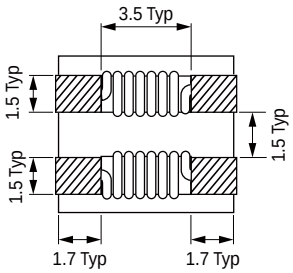
- Exclusive square type closed magne c core designed as an exclusive core is used, so it can be small while maintaining the same features.
- Low profile design makes it op mal for surface moun ng.
- Excellent impedance characteris cs, making it great for suppressing common mode noise.
- Maximum 15A can be used in 125°C environments.
- Opera ng temperature range: –40 to +125 °C
- AEC-Q200 qualified
- Quan ty: 1500pcs

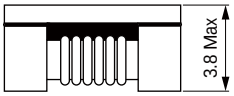
APPLICATIONS

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

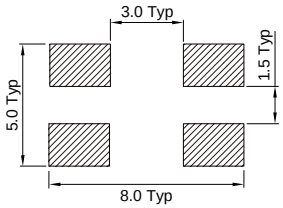
Dimensions: [mm]



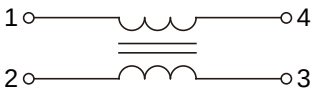




Land Pattern: [mm]



Schematic:

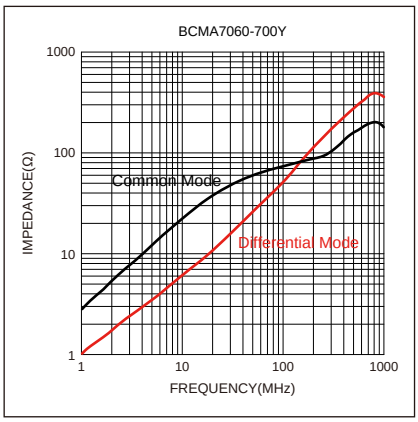


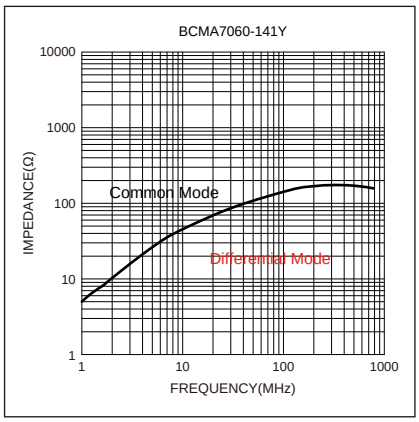
Electrical Properties:

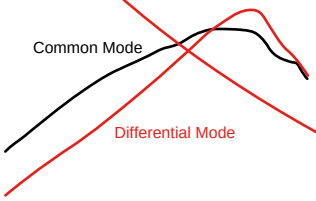
Part No		Impedance @100MHz Typ. (Ω)				
BCMA7060-700Y	40	70	15.0	5	80	10
BCMA7060-141Y	100	140	9.0	10	80	10
BCMA7060-301Y	225	300	5.0	10	80	10
BCMA7060-501Y	400	500	5.0	10	80	10
BCMA7060-701Y	500	700	4.0	15	80	10
BCMA7060-102Y	800	1000	3.0	17	80	10
BCMA7060-132Y	910	1300	3.0	20	80	10
BCMA7060-272Y	2000	2700	1.0	63	80	10
BCMA7060-302Y	2500	3000	0.9	75	80	10

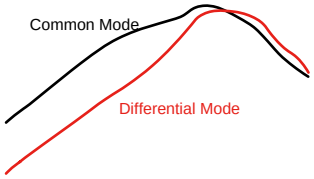
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

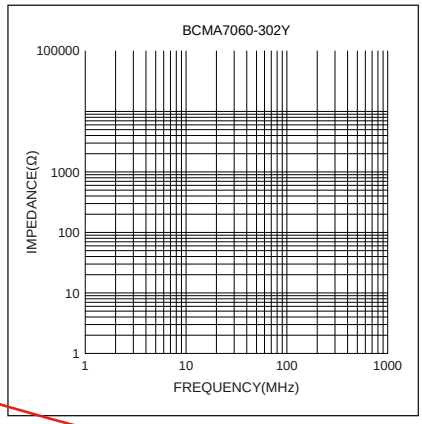
Typical Electrical Characteristics:



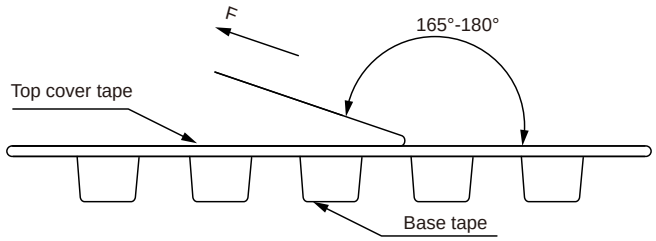






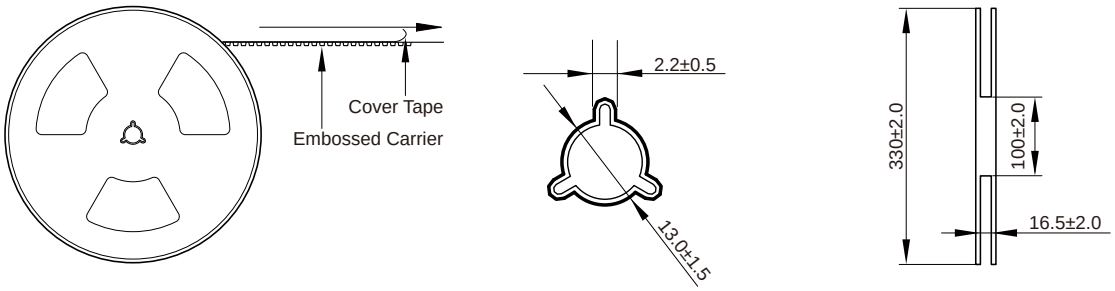


Peel force of top cover tape:

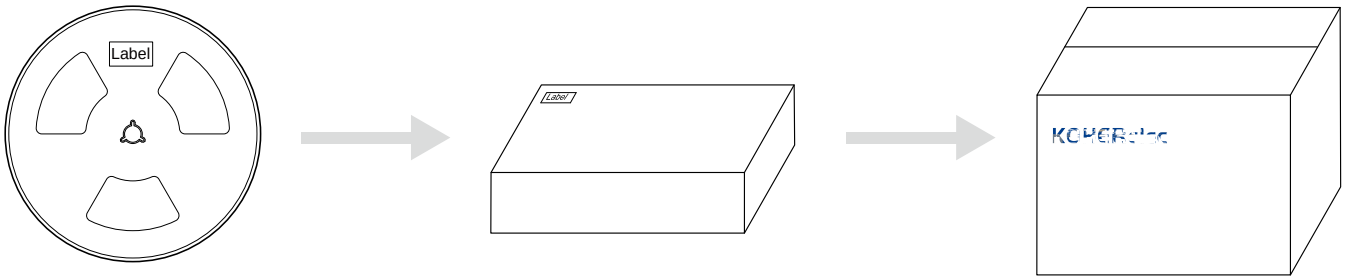


The peel force of top cover tape shall be between 0.10 to 1.17 N

Reel Dimension：[mm]



Packaging Quantity:



1500 Pcs/Reel

2 Reel /Inner box(3000 Pcs)

3 Inner box/Carton box(9K Pcs)

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.