BCMA Series

Common Mode Filters For Automotive Signal Line

Size 3225

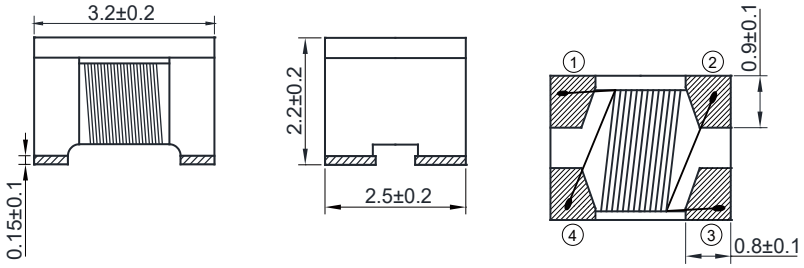
FEATURES

- fY˙LJŜŘl·yŎŜ Øl·ℕλl·ə2yϒ 9ÈűŜyãλØŜ fλySdzLJ l·ℕŜ l·Øl·λfl·ōfŜ ₮2ℕ Ŏ2Y˙LJl·əōλfλűè øλűK Øl·ℕλ2dză dzăl·ƎŜă
- /2YY˙2y˙Y˙2ŘŜ Ŭtters f2ℕ {λƎyl·f [λyŜ
- hLJŜℕl·əyƎ űŜY˙LJŜℕl·údzℕŜ ℕl·yƎŜϒπпл ű2 ьмнр℃
- ! 9 / π v нлл ljdzl·fλŬŜŘ
- vdzl·yəűè ϒ нллл LJŎă

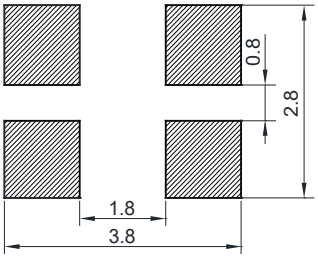
APPLICATION

- wl·ŘλI·ŰŜŘ y2ăŜ ădzLJLJℕŜăă2y˙₮2ℕ ŎI·ℕ Y˙dzfəY˙ŜŘλI· interfl·ŎŜă ó a hST, USB2.0, IDB-1394, etŎΦú

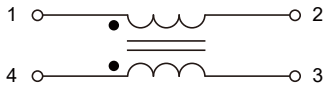
Dimensions: [mm]



Land Pattern: [mm]



Schematic:

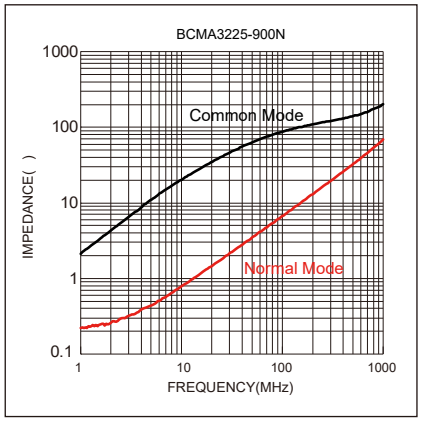


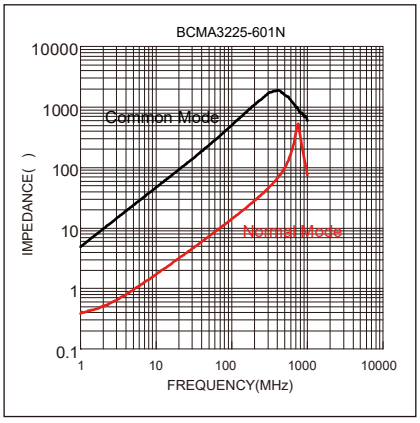
Electrical Properties:

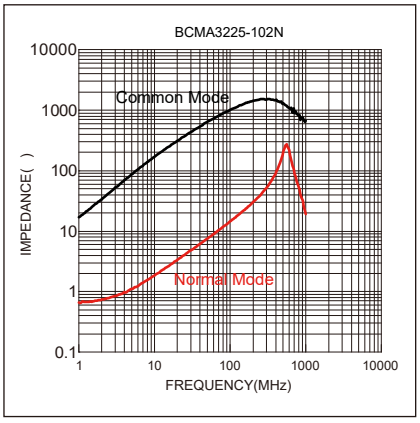
Part No	Z @ 100 MHz	I_R Max.	R_{DC} Max.	V_{DC} Max. (V	IR Min.
. / a ! оннрπфллb	90	1000	0.05	50	мл a
. / a ! оннрπслмb	слл	1000	0.20	50	мл a
. / a ! оннрπмлнb	1000	400	0.30	50	мл a

I_R ℕŜ₮ŜℕλyƎ ű2 нлY ăŜt₮πKŜl·əyƎ l·ō2ØŜ l·Y˙ōλŜyű úŜY˙LJŜℕl·údzℕŜ

Typical Electrical Characteristics:

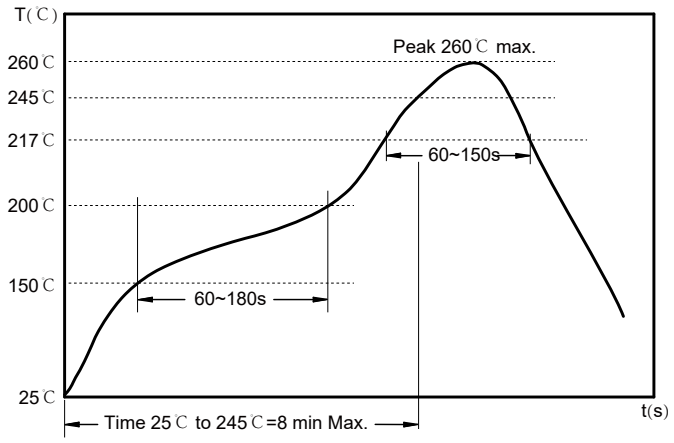






KOHER Electronics
F9, No. 4188, Huaning Rd, Minhang District, Shanghai
021-34753361 Contact@kohergroup.com

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.

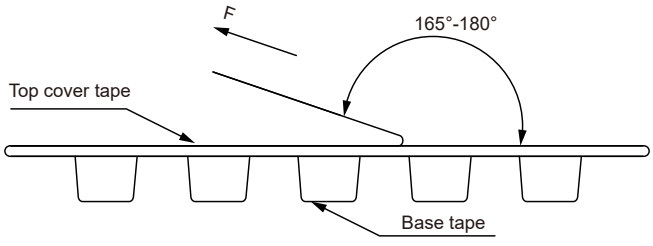
Allowed Reflow time: 3x max.

Packaging Information:

Tape Dimension:

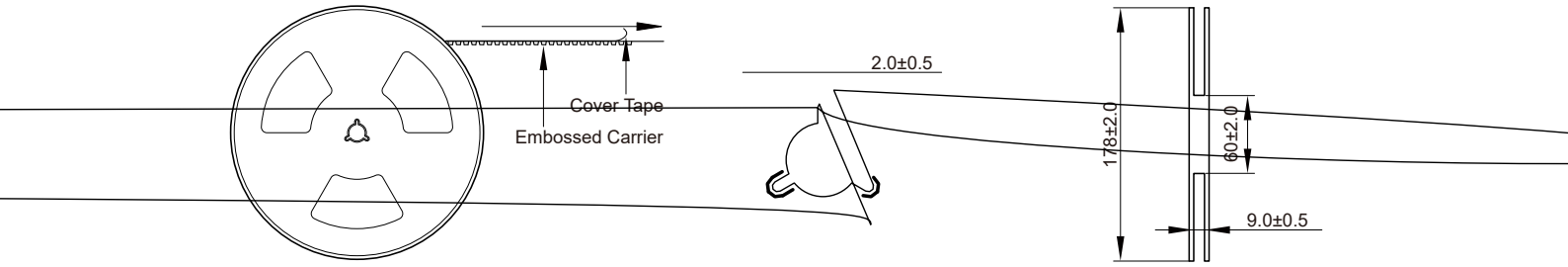
Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
BCMA3225	2.88±0.1	3.72±0.1	1.5±0.1	4.0±0.1	4.0±0.1	8.0±0.3	2.50±0.1	1.75±0.1	0.23±0.05

Peel force of top cover tape:



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

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.