BCMA Series

Common Mode Filters For Automotive Signal Line
Size 3216



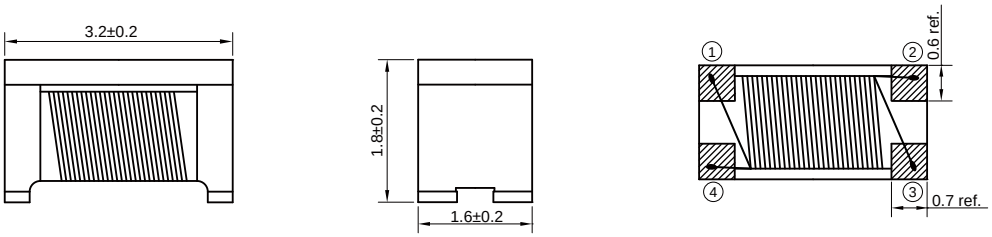
FEATURES

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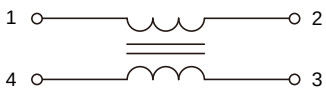
APPLICATION

- interf ST, USB2.0, IDB-1394, et

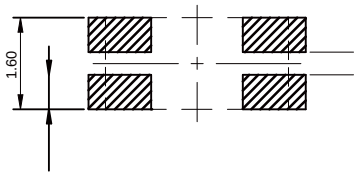
Dimensions: [mm]



Schematic:



Land Pattern: [mm]

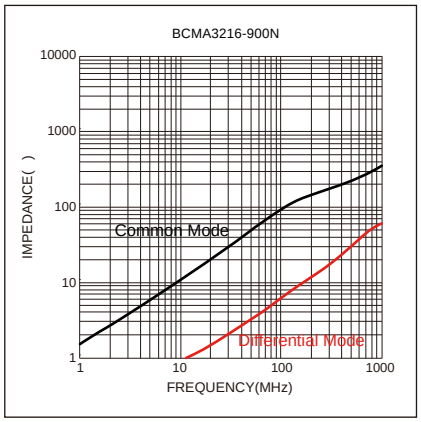


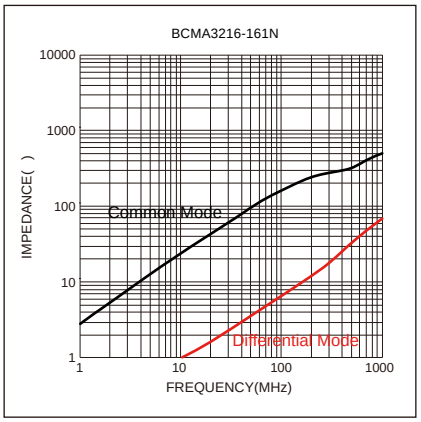
Electrical Properties:

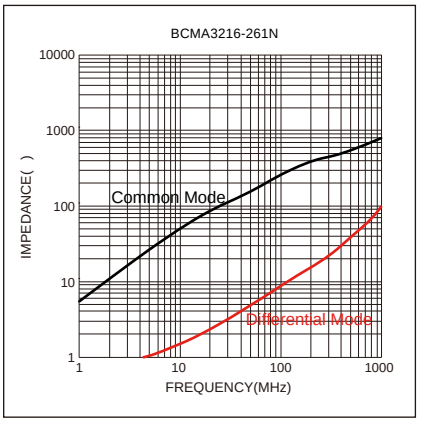
Part No	Impedance @ 100 MHz (Ω)	Tolerance	Temperature Rise Current Max. (mA)	DC Resistance Max. (Ω)	Rated Voltage (V)
	90	±20%	370	0.30	50
	160	±20%	340	0.40	50
	260	±20%	310	0.50	50
	600	±20%	260	0.80	50
	1000	±20%	230	1.00	50
	2200	±20%	200	1.20	50

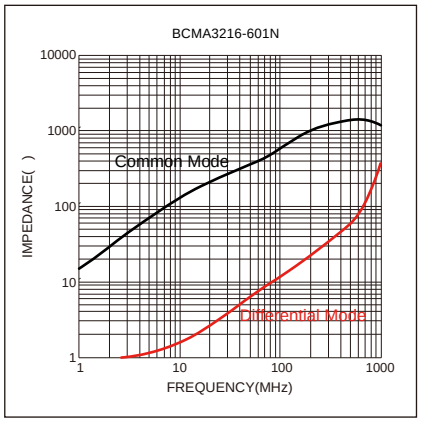
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

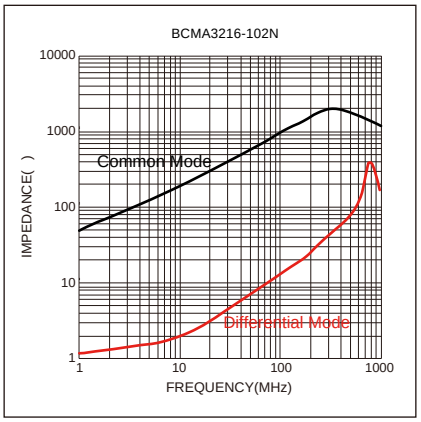
Typical Electrical Characteristics:

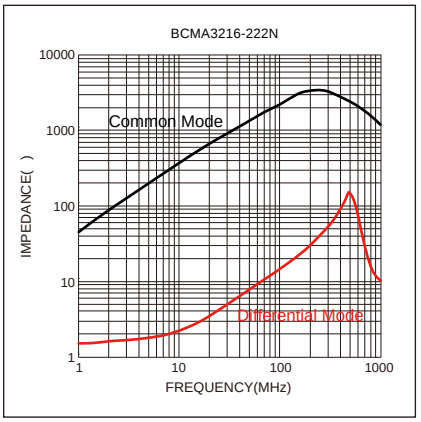




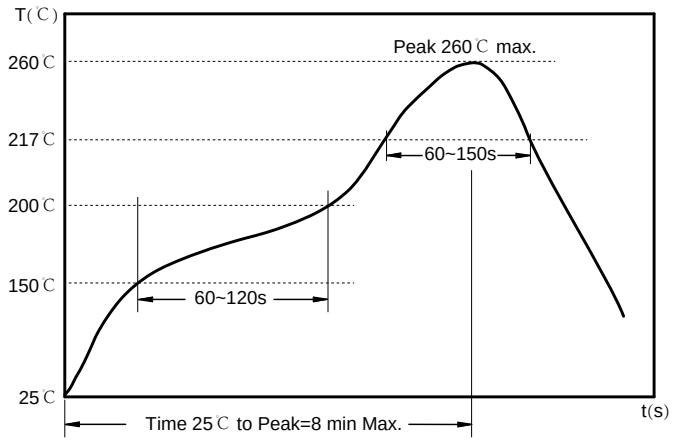








Soldering Reflow:



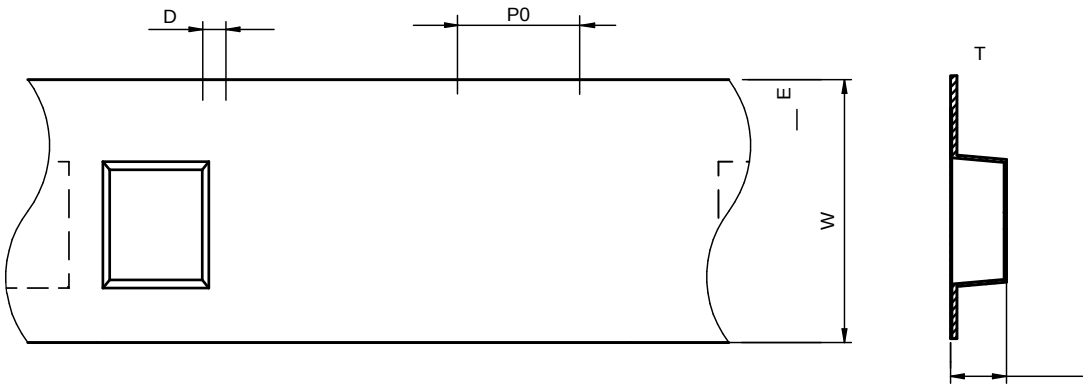
Preheat condition: 150 ~200℃/ 60~120 sec.

Allowed time above 217℃: 60~150 sec.

Max temperature: 260℃.

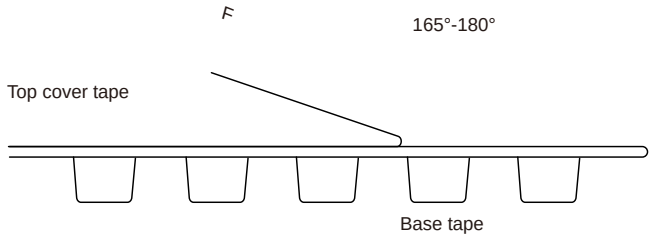
Packaging Information:

Tape Dimension:

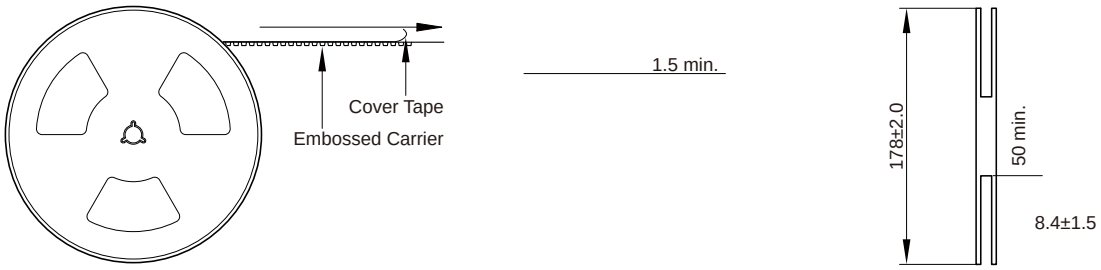


Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
BCMA3216	1.88 typ.	3.50 typ.	1.5±0.1	4.0±0.1	4.0±0.1	8.0±0.3	2.1 typ.	1.75±0.1	0.20±0.1

Peel force of top cover tape:



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
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