



BCMA Series

Common Mode Filters For Automotive Signal Line/Power Line
Size 9030

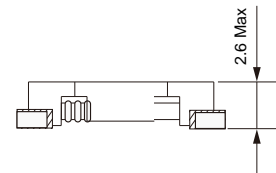
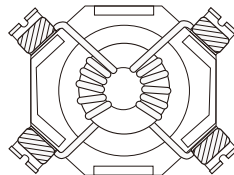
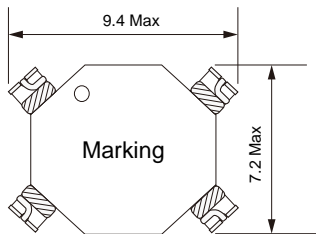
FEATURES

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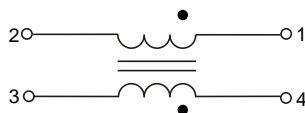
APPLICATION

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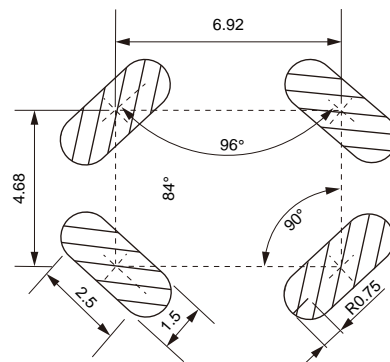
Dimensions: [mm]



Schematic:



Land Pattern: [mm]

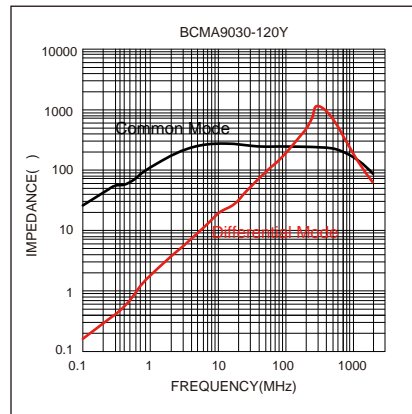
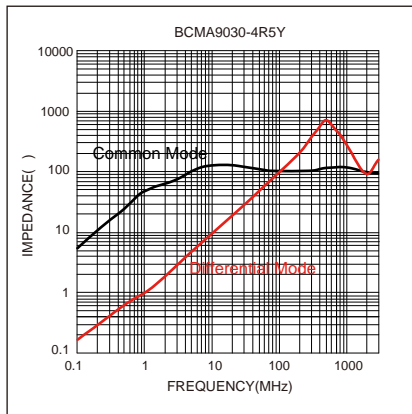


Electrical Properties:

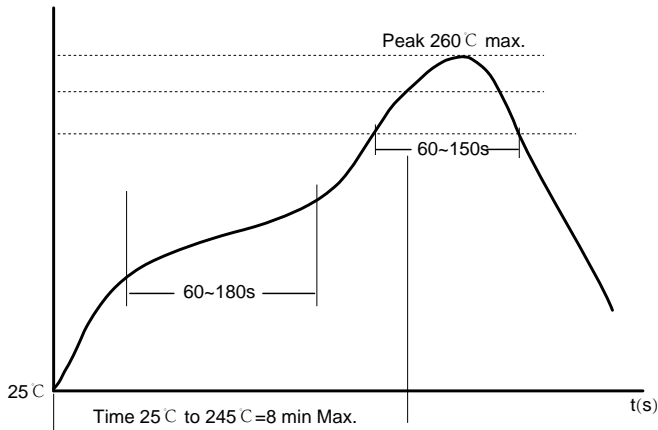
| | | | | | | |
|--|-------------------|-------------------|-----|------|------|-------|
| | (μH) | (μH) | (A) | (m) | (m) | (Vdc) |
| | | | | | | |
| | | | | | | |

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:



Soldering Reflow:



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

Allowed time above 217°C: 60~150 sec.

Max temperature: 260°C.

Max time at max temperature: 10 sec.

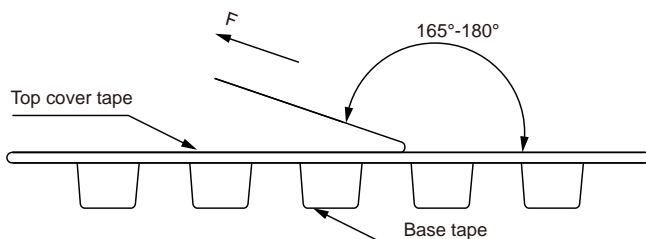
Allowed Reflow time: 3x max.

Packaging Information:

Tape Dimension :

| Series | A0 (mm) | B0 (mm) | D (mm) | P0 (mm) | P1 (mm) | W (mm) | K0 (mm) | E (mm) | T (mm) |
|----------|---------|---------|---------|---------|----------|----------|---------|----------|-----------|
| BCMA9030 | 7.0±0.1 | 9.3±0.1 | 1.5±0.1 | 4.0±0.1 | 12.0±0.1 | 16.0±0.3 | 2.7±0.1 | 1.75±0.1 | 0.40±0.05 |

Peel force of top cover tape:



The peel force of top cover tape shall be between 0.20 to 1.17 N

Product Marking:

| | |
|---------|-----------------------|
| Marking | Printing (Inductance) |
|---------|-----------------------|

