

# BCMA Series SMD Common Mode Line Filter Size 9250

## FEATURES

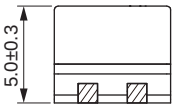
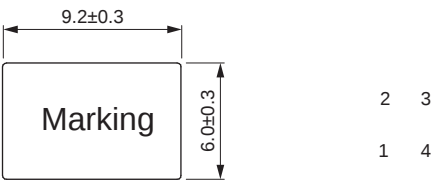
- High common mode impedance with the core materials of NiZn and MnZn
- Operating temperature range: -40 to +125°C
- Operating voltage: 80 VDC (42 VAC)  
AEC-Q200 qualified  
Quantity: 1000pcs

## APPLICATIONS

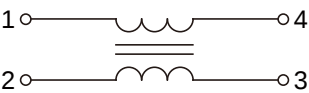
- Measures against common mode noise for data and signal lines
- Headlamps, tail lamps and interior lighting
- OBC/HVAC/Doors, window lift and seat control
- Audio subsystem/Digital instrument cluster
- In-Vehicle Infotainment and navigation

Dimensions: [mm]

Land Pattern: [mm]



Schematic:



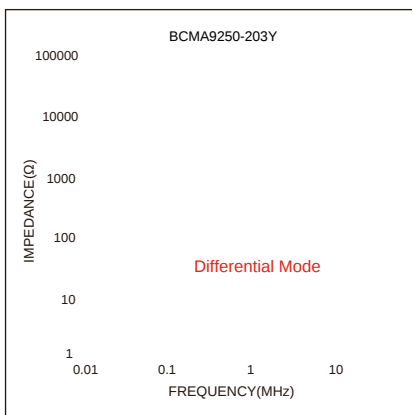
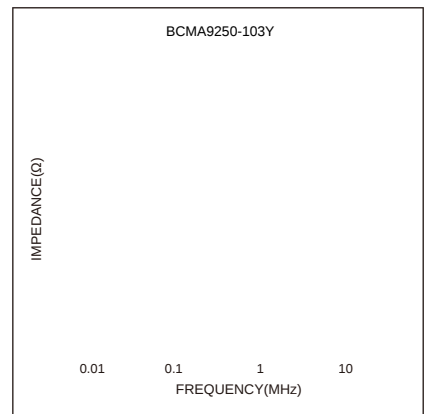
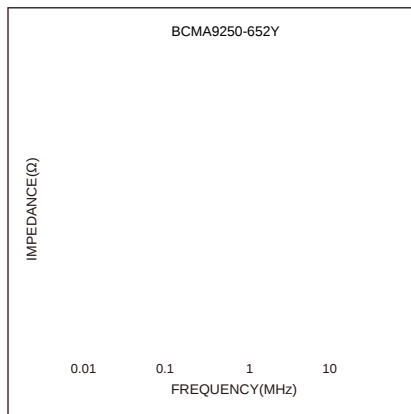
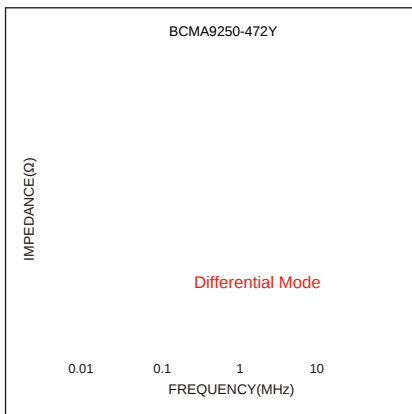
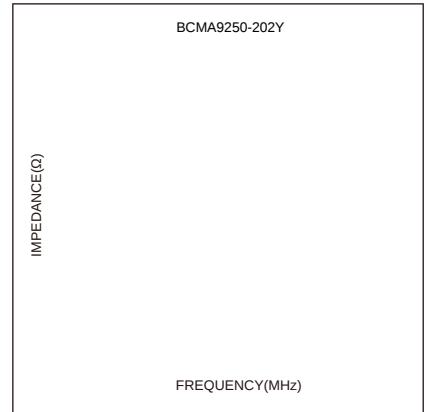
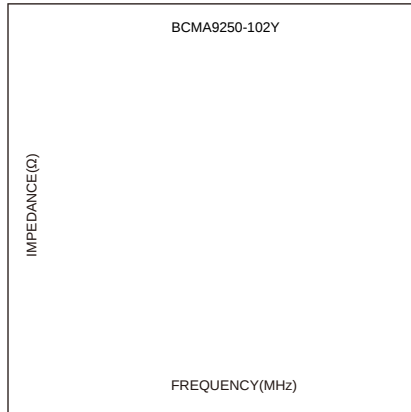
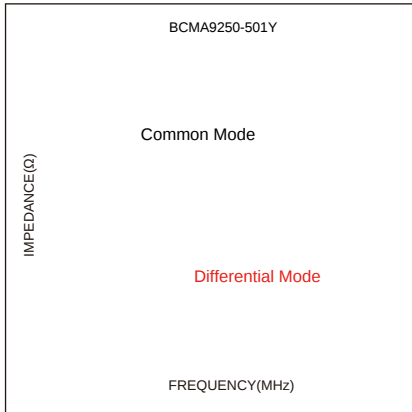
Electrical Properties:

| Part No |  | Tolerance |  |  |
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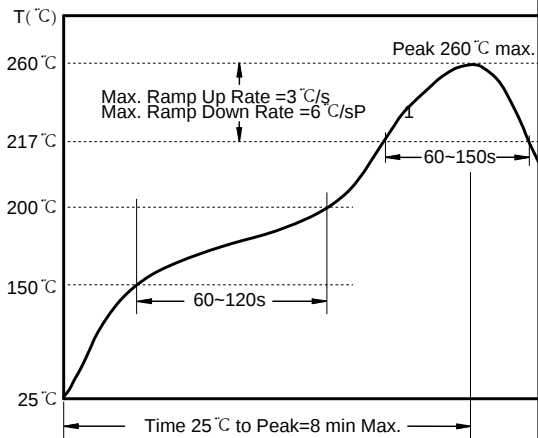
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Part No

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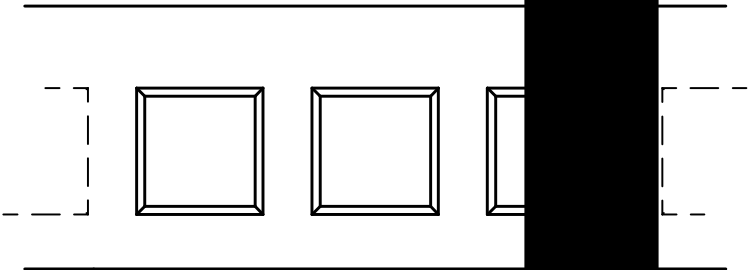
Soldering Reflow:



Preheat condition: 150 ~200 °C/ 60~120 sec.  
Allowed time above 217 °C: 60~150 sec.  
Max temperature: 260 °C.  
Allowed Reflow time: 2x max.

Packaging Information:

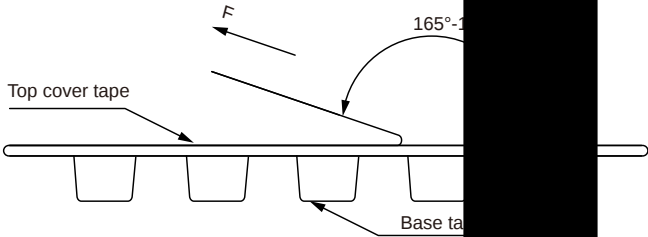
Tape Dimension :



| Series   | A0<br>(mm) | B0<br>(mm) | D<br>(mm) |
|----------|------------|------------|-----------|
| BCMA9250 | 6.5 typ    | 9.7 typ    | 1.5±0.1   |

| P1<br>(mm) | W<br>(mm) | K0<br>(mm) | E<br>(mm) | T<br>(mm) |
|------------|-----------|------------|-----------|-----------|
| 12.0±0.1   | 16.0±0.3  | 5.7 ref.   | 1.75±0.1  | 0.4±0.1   |

Peel force of top cover tape:

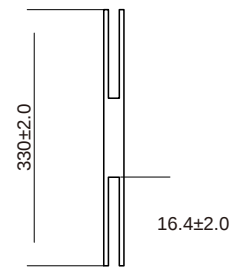
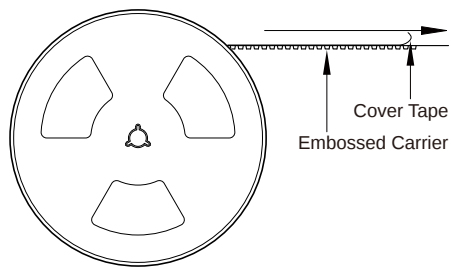


The peel force of top cover tape shall be 0.1 to 1.3 N

Product Marking:

| Marking | Dot+Printing (Duplex) | Printing (Split winding) |
|---------|-----------------------|--------------------------|
|---------|-----------------------|--------------------------|

Reel Dimension: [mm]



Packaging Quantity: