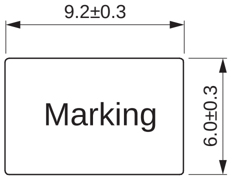
SMD Common Mode Line Filter
Size 9250

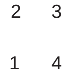
- High common mode impedance with the core materials of NiZn and MnZn
- Operating temperature range: -40 to +125°C
- Operating voltage: 80 VDC (42 VAC)
  AEC-Q200 qualified
  Quantity: 1000pcs

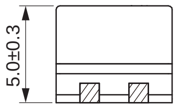
- Measures against common mode noise for data and signal lines
- Headlamps, tail lamps and interior lighting
- OBC/HVAC/Doors, window lift and seat control
- Audio subsystem/Digital instrument cluster
- In-Vehicle Infotainment and navigation

Dimensions: [mm]

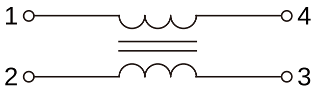
Land Pattern: [mm]







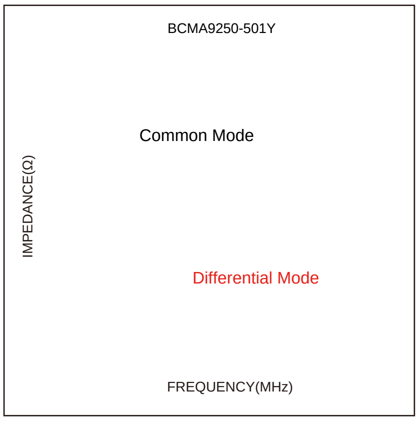
Schematic:

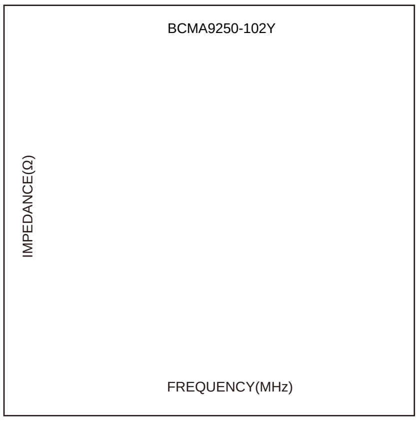


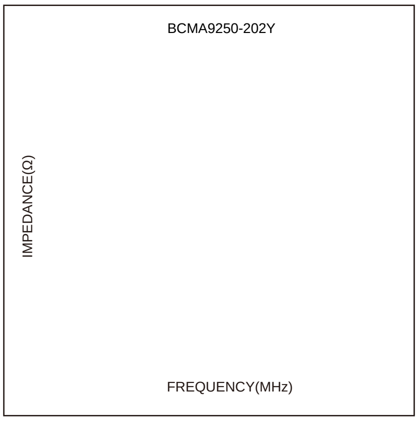
Electrical Properties:

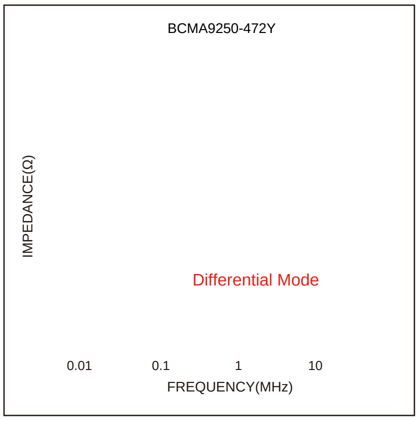
Part No		Tolerance		

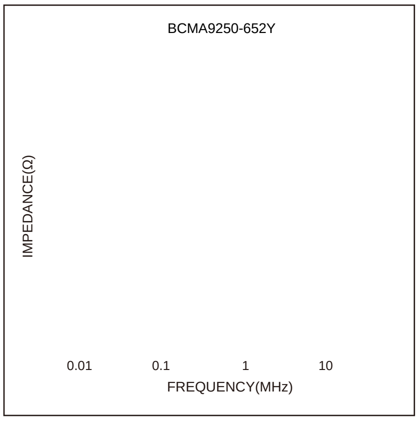
Part No

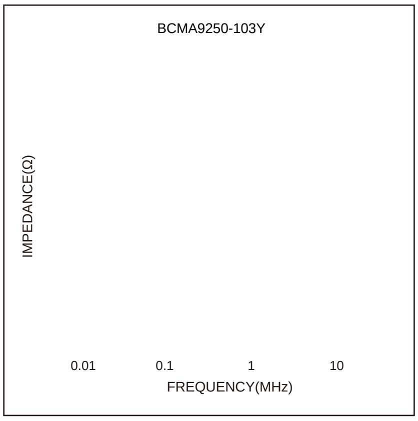

BCMA9250-501Y
Common Mode
IMPEDANCE(Ω)
Differential Mode
FREQUENCY(MHz)

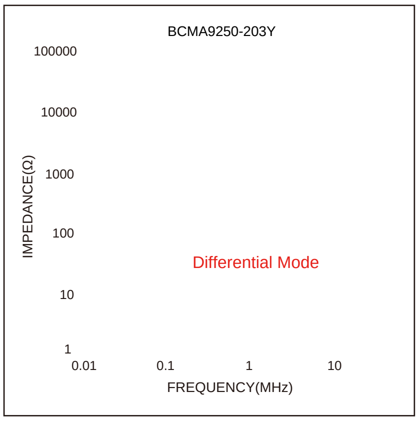

BCMA9250-102Y
IMPEDANCE(Ω)
FREQUENCY(MHz)


BCMA9250-202Y
IMPEDANCE(Ω)
FREQUENCY(MHz)

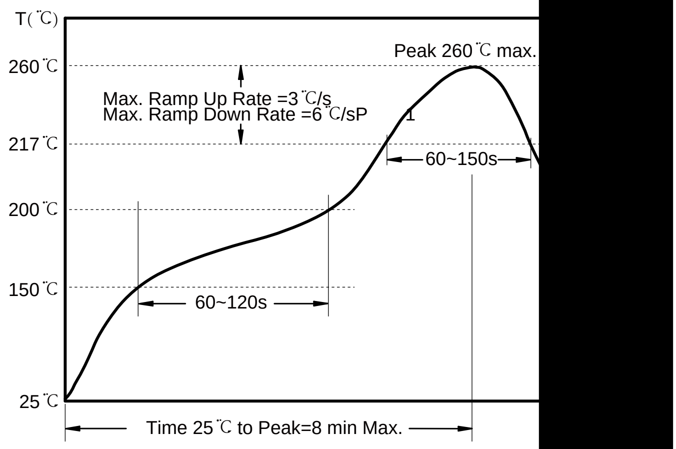

BCMA9250-472Y
IMPEDANCE(Ω)
Differential Mode
0.01
0.1
1
10
FREQUENCY(MHz)


BCMA9250-652Y
IMPEDANCE(Ω)
0.01
0.1
1
10
FREQUENCY(MHz)


BCMA9250-103Y
IMPEDANCE(Ω)
0.01
0.1
1
10
FREQUENCY(MHz)


BCMA9250-203Y
100000
10000
1000
100
10
1
IMPEDANCE(Ω)
Differential Mode
0.01
0.1
1
10
FREQUENCY(MHz)

Soldering Reflow:



Prehe[redacted]n: 150 ~200℃/ 60~120 sec.

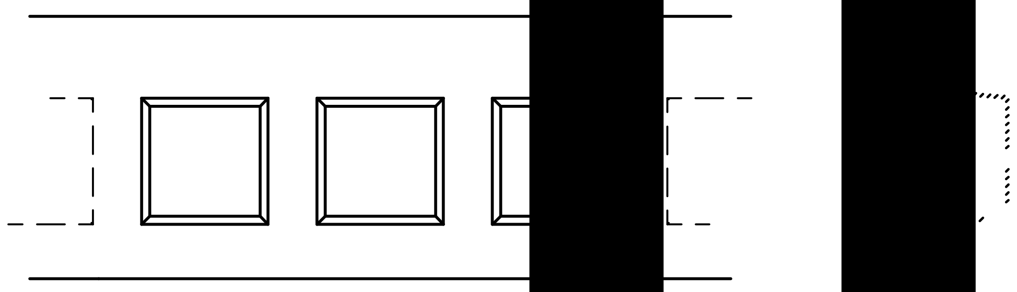
Allow[redacted]ove 217℃: 60~150 sec.

Max t[redacted]e: 260℃.

Allow[redacted]ime: 2x max.

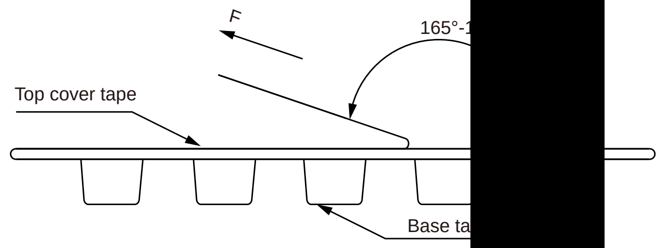
Packaging Information:

Tape Dimension:



Series	A0 (mm)	B0 (mm)	D (mm)	[redacted]	P1 (mm)	[redacted]	K0 (mm)	E (mm)	T (mm)
BCMA9250	6.5 typ	9.7 typ	1.5±0.1	[redacted]	12.0±0.1	1[redacted]	5.7 ref.	1.75±0.1	0.4±0.1

Peel force of top cover tape:

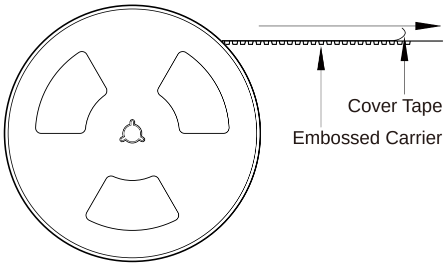


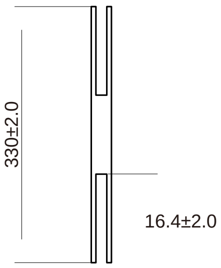
The peel force of top cover tape shall b[redacted]0.1 to 1.3 N

Product Marking:

Marking	Dot+Printing (Duplex[redacted]/Printing (Split [redacted]

Reel Dimension： [mm]





Packaging Quantity: