

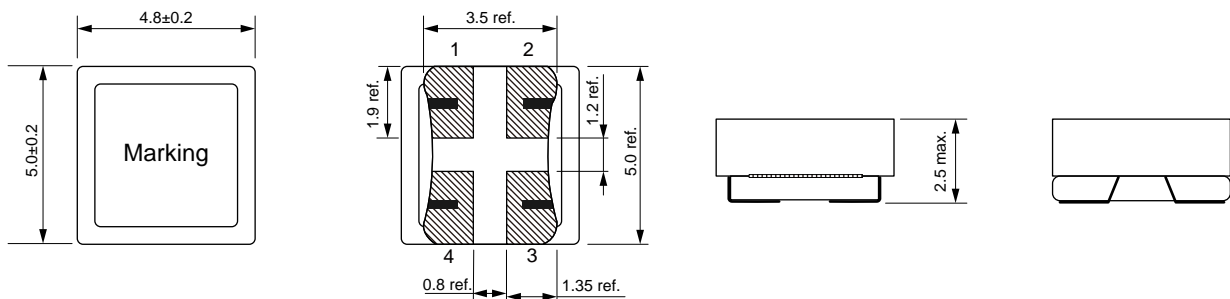
Common Mode Filters For Automotive Signal Line/Power Line Size 5020



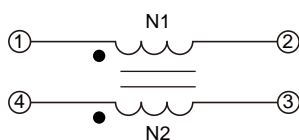
- High common mode impedance at high frequency cause excellent noise suppression performance
- Designed to be low profile and Supports large currents (up to 6 A)
- Operating temperature range: -40 to +125°C(including self-temperature rise)
- AEC-Q200 qualified
- Quantity: 2500pcs

- Headlamps, tail lamps and interior lighting
- HVAC
- Doors, window/lid and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and navigation

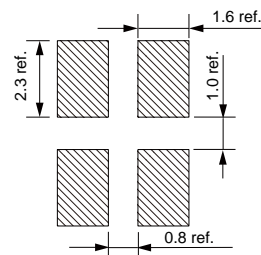
Dimensions: [mm]



Schematic:



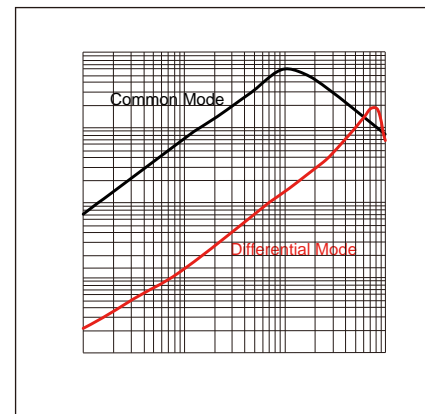
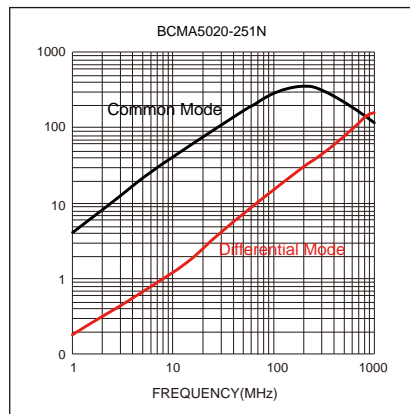
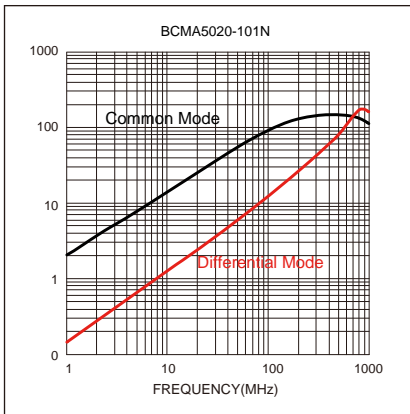
Land Pattern: [mm]



Electrical Properties:

	(Ω)				(M Ω)
	100	6.0	13	50	10
	250	5.0	20	50	10
	500	4.0	27	50	10
	1000	2.0	34	50	10
	1400	1.5	56	50	10
	1500	1.5	56	50	10

Typical Electrical Characteristics:



Soldering Reflow:

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

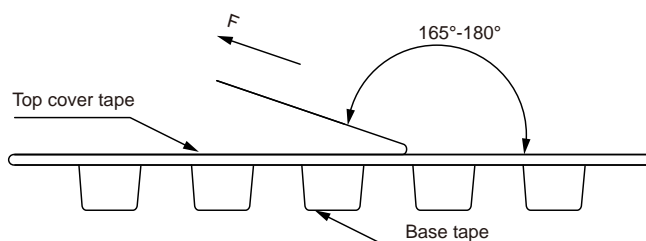
Allowed time above 217°C 0 -4180 5sec. C0 j12.907 3T8056

Packaging Information:

Tape Dimension:

Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
BCMA5020	5.65±0.1	5.65±0.1	1.5±0.1	4.0±0.1	8.0±0.1	12.0±0.3	2.7±0.1	1.75±0.1	0.40±0.05

Peel force of top cover tape:

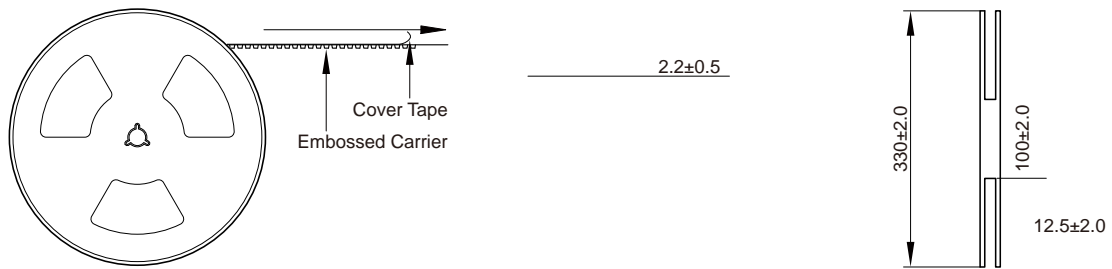


The peel force of top cover tape shall be between 0.10 to 1.17 N

Product Marking:

Marking	Printing (Impedance)
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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 condi-
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Operation Instructions:

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