BCMA Series

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

FEATURES

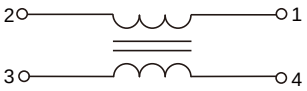
- High common mode impedance at high frequency cause excellent noise suppression performance
- Designed to be low profile and Supports large currents (up to 6 A)
- Opera ng temperature range: -40 to +125°C(including self-temperature rise)
- AEC-Q200 qualified
- Quan ty: 2000pcs

APPLICATION

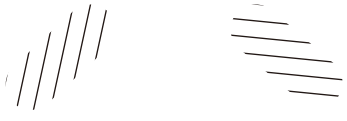
- Headlamps, tail lamps and interior ligh ng
- HVAC
- Doors, window li and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and naviga on

Dimensions: [mm]

Schematic:



Land Pattern: [mm]

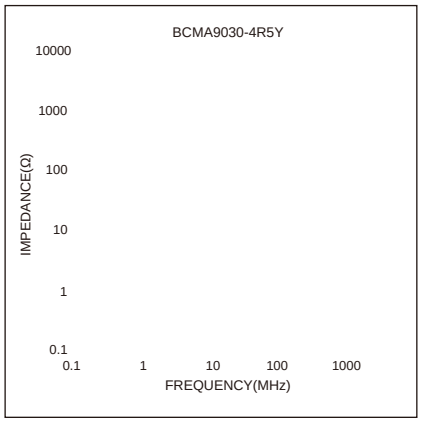


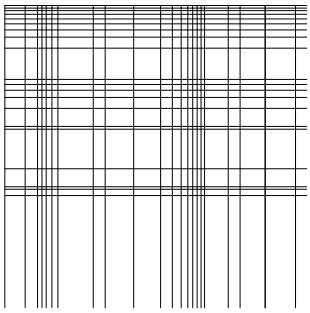
Electrical Properties:

Part No	Inductance @100KHz/0.1V Min. (μH) 1-2=4-3	Leakage Inductance @100KHz/0.1V Typ. (μH)	Temperature Rise Current Max. (A) 1-2=4-3	DC Resistance Typ. (mΩ) 1-2=4-3	DC Resistance Max. (mΩ) 1-2=4-3	Hi-Pot (Vdc) 3mA/1S 1,2-3,4
BCMA9030-4R5Y	4.50	0.05	5.5	9	15	500
BCMA9030-120Y	12.6	0.14	4.1	12	20	500

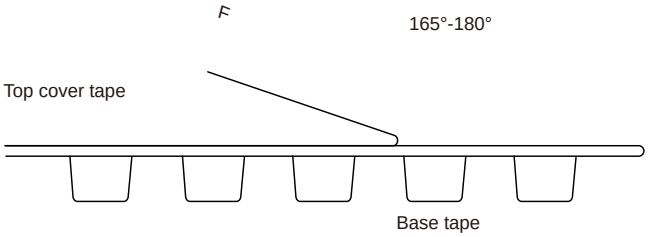
Temperature Rise Current: The actual value of DC current when the temperature rise is △T=40°C

Typical Electrical Characteristics:

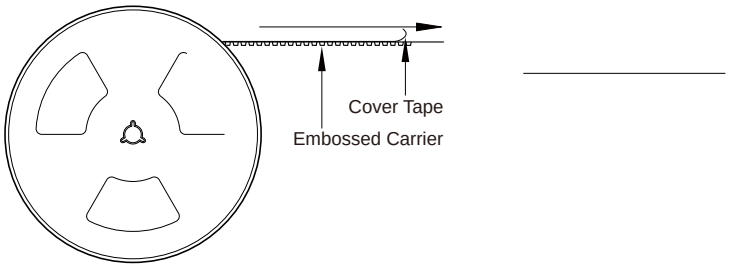




Peel force of top cover tape:



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
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Operation Instructions:

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