



MDCA Series

SMD Power Inductor

Size 1390

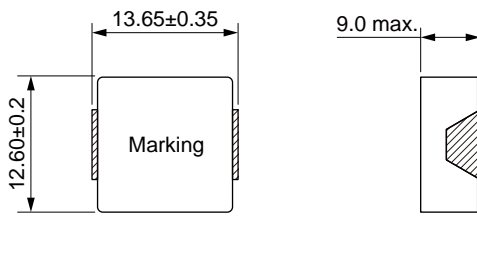
FEATURES

- Shielded construction.
- Capable of corresponding high frequency.
- Low loss realized with low DCR.
- High performance (Isat) realized by Carbonyl Powder.
- Ultra low buzz noise, due to composite construction.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Operating temperature: -55 to +125 °C(including self-temperature rise)
- Quantity: 500pcs

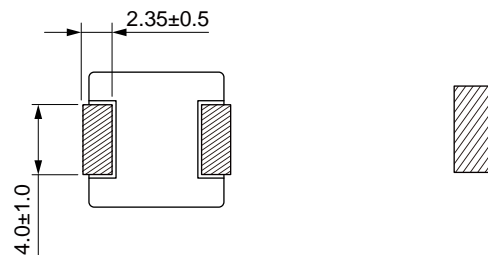
APPLICATION

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

Dimensions: [mm]

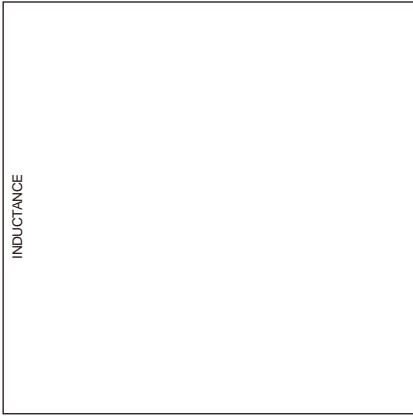


Land Pattern: [mm]



Electrical Properties:

Typical Electrical Characteristics:



Soldering Reflow:

Preheat condition: 150 ~200 °C / 60~120 sec.

Allowed time above 217 °C : 60~150 sec.

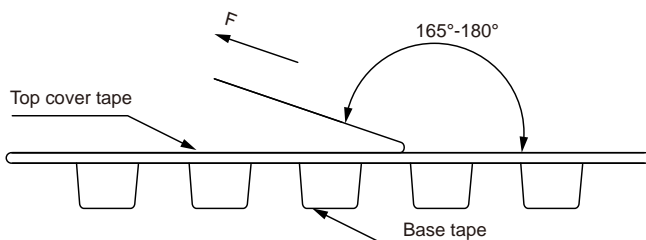
Max temperature: 260 °C .

Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension :

Peel force of top cover tape:

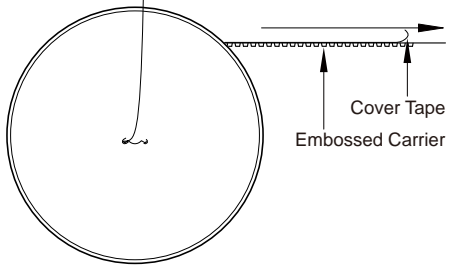


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Product Marking:

? Sd] [Y	Bd[f[Y ;` VgUFS` UWfi
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Reel Dimension: [mm]



Packaging Quantity: