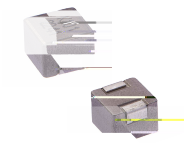
MDA Series

SMD Low Profile High Current Molded Inductor

Size 7050



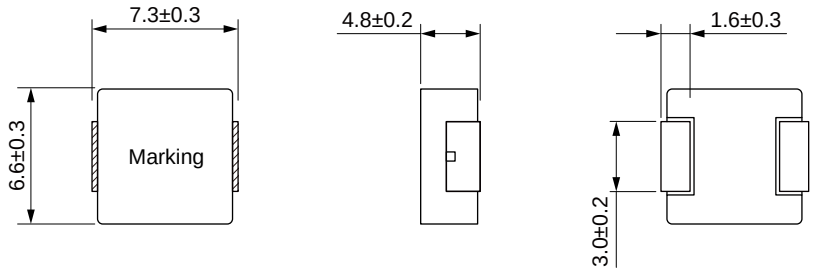
FEATURES

- Shielded construc on
-
-
-
- Ultra low buzz noise, due to composite construc on.
-
- AEC-Q200 qualified
- Opera ng temperature: -55 to +155 °C (including self-temperature rise)
- Quan ty: 800PCS

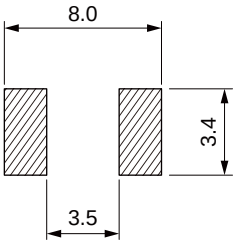
APPLICATION

- Headlamps, tail lamps and interior ligh ng
-
- Doors, window li and seat control
-
-
- In-Vehicle Infotainment and naviga on

Dimensions: [mm]



Land Pattern: [mm]

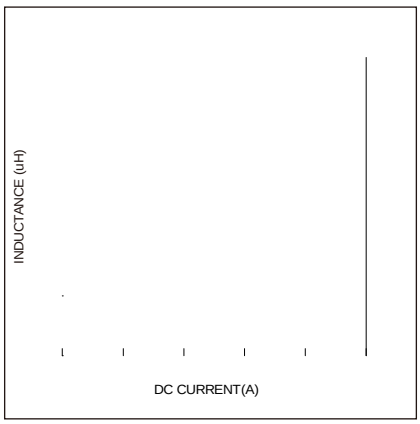


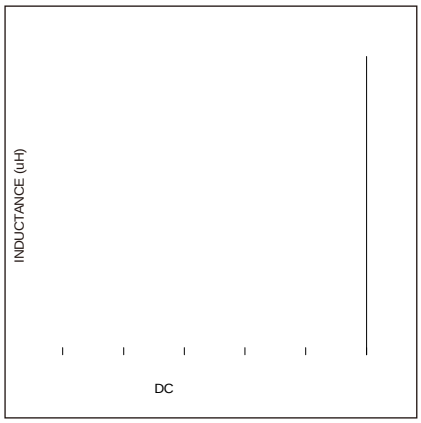
Electrical Properties:

Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Satura on Current Typ. (A)	Satura on Current Max. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)

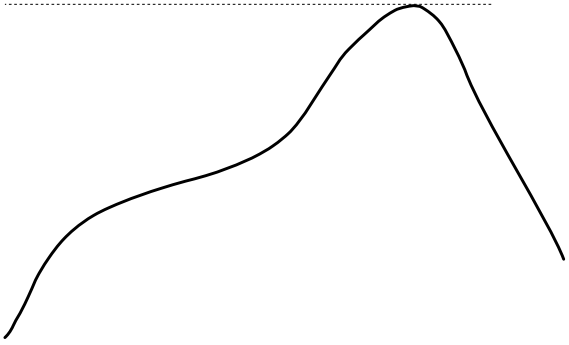
Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Satura on Current Typ. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)

Typical Electrical Characteristics:




INDUCTANCE (uH)
DC

Soldering Reflow:



Preheat condition: 150 ~200℃/ 60~120 sec.

Allowed time above 217℃: 60~90 sec.

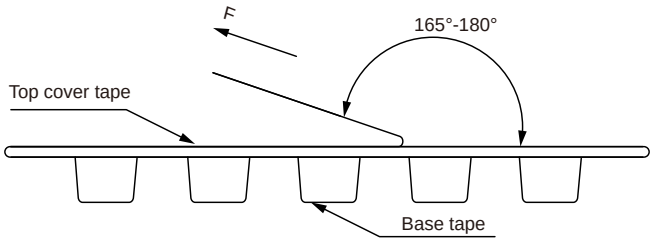
Max temperature: 260℃.

Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension:

Peel force of top cover tape:

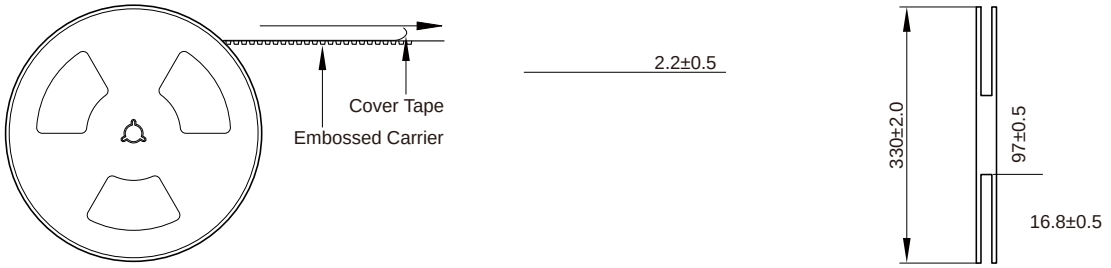


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	K+Printing (Inductance+period)

Reel Dimension：[mm]



Packaging Quantity:



800 Pcs/Reel

2 Reel /Inner box(1600 Pcs)

3 Inner box/Carton box(4.8K Pcs)

Cautions and Warnings:

Storage Conditions：

Operation Instructions: