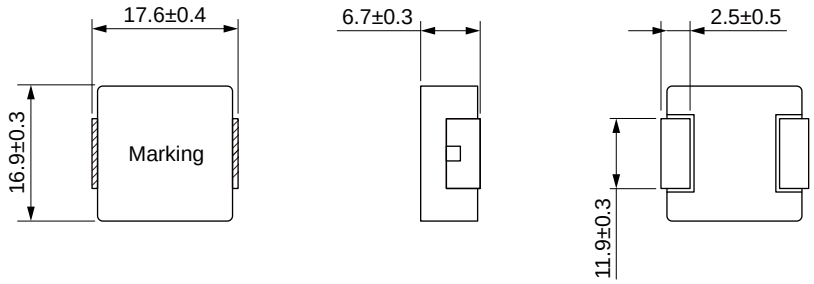
SMD Power Inductor
Size 1870

- Shielded construc on.
- 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 construc on.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Opera ng temperature: -55 to +125 °C(including self-temperature rise)

- 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]



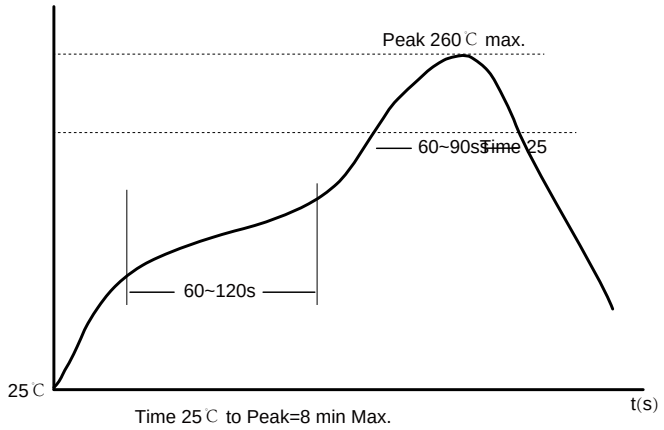
Land Pattern: [mm]

Electrical Properties:

±20%	1[illegible]5 ´Y0
±20%	1[illegible]3 N5
±20%	7[illegible]0 __ 0
±20%	6[illegible]5 L[illegible]
±20%	6[illegible]2 40
±20%	5[illegible]4 50
±20%	5[illegible]0 ´Y0
±20%	4[illegible]5 ´Y0
±20%	3[illegible]9 40
±20%	3[illegible]1 [illegible]__ 0
±20%	2[illegible]9
±20%	2[illegible]7
±20%	2[illegible]3
±20%	2[illegible]0 0

Typical Electrical Characteristics:

Soldering Reflow:



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

Allowed time above 217℃: 60~90 sec.

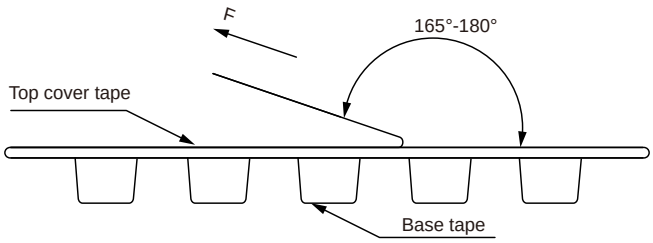
Max temperature: 260℃.

Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension:

Peel force of top cover tape:

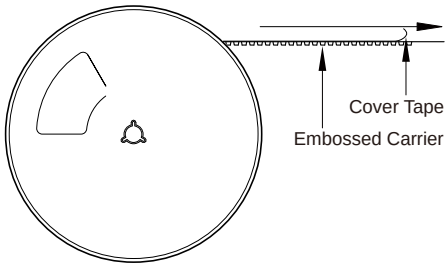


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	KH+Printing(Inductance+period)

Reel Dimension：[mm]



Packaging Quantity: