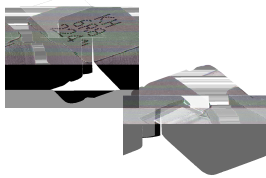


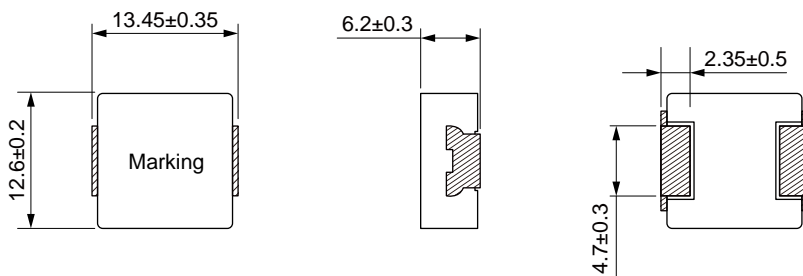
## SMD Low Profile High Current Molded Inductor Size 1365



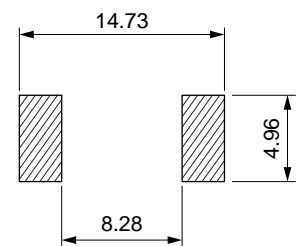
- High performance realized by metal dust core and hot pressing process.
- Ultra low buzz noise, due to composite construction.
- The wide pad design provides excellent anti-vibration capability.
- AEC-Q200 qualified.
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 500PCS

- Thermal management products, such as water pumps and valves
- Headlamps, tail lamps and interior lighting
- HVAC

### Dimensions: [mm]



### Land Pattern: [mm]



### Electrical Properties:

Part No	Inductance @ 100KHz/1V	Tolerance	Temperature Rise Current Typ.	Temperature Rise Current Max.	Current Typ.	Current Max.	DC Resistance Max.
MDA1365HT-1R0M	1.0	±20%	32.0	27.5	20.0	17.0	2.1
MDA1365HT-1R5M	1.5	±20%	26.0	23.0	18.0	15.4	3.0
MDA1365HT-2R2M	2.2	±20%	21.0	18.9	17.5	15.0	4.5
MDA1365HT-3R3M	3.3	±20%	18.3	16.5	17.0	14.6	6.0
MDA1365HT-4R7M	4.7	±20%	15.0	13.5	13.5	11.6	8.7
MDA1365HT-6R8M	6.8	±20%	13.8	12.8	10.5	9.0	11.3
MDA1365HT-100M	10	±20%	11.0	9.9	9.2	7.9	17.2
MDA1365HT-150M	15	±20%	8.7	7.8	7.2	6.2	28.2
MDA1365HT-220M	22	±20%	7.0	6.2	6.3	5.4	40.0
MDA1365HT-330M	33	±20%	5.5	5.0	4.3	3.7	69.0
MDA1365HT-470M	47	±20%	4.2	3.8	3.8	3.3	104

Saturation Current will cause L to drop approximately 20%.

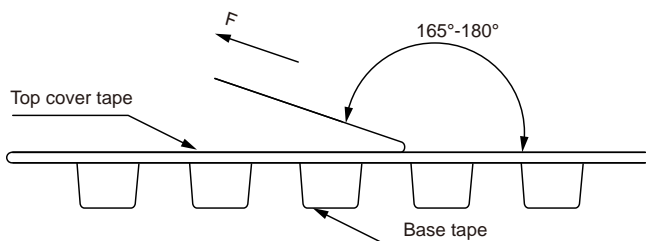
Temperature Rise Current: The actual value of DC current when the temperature rise is  $\Delta T=40^{\circ}\text{C}$

Soldering Reflow:

Packaging Information:

Tape Dimension:

Peel force of top cover tape:



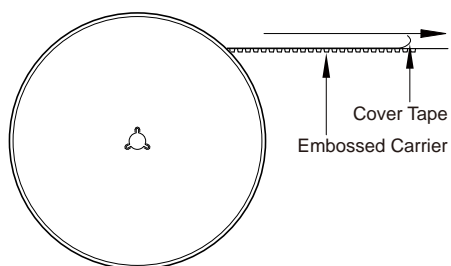
The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	KH+Printing Inductance+period)
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Reel Dimension: [mm]



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Packaging Quantity:

