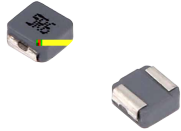


MDA HT Series

SMD Low Profile High Current Molded Inductor

Size 4020



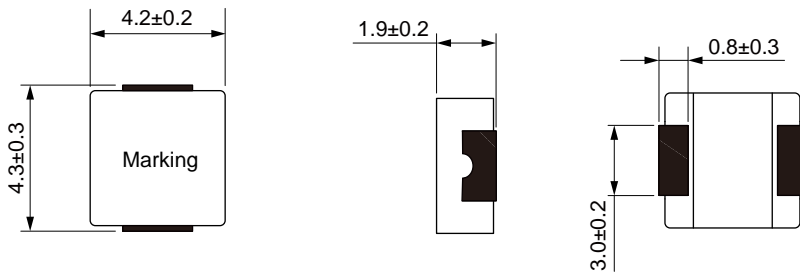
FEATURES

-
- Ultra low buzz noise, due to composite construction
-
-
- AEC-Q200 qualified
- Operating temperature: -55 to +155 °C (including self-temperature rise)
- Quantity: 3000PCS

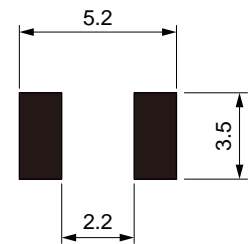
APPLICATION

- Headlamps, tail lamps and interior lighting
-
- Doors, window lift and seat control
-
-
- In-Vehicle Infotainment and navigation

Dimensions: [mm]



Land Pattern: [mm]



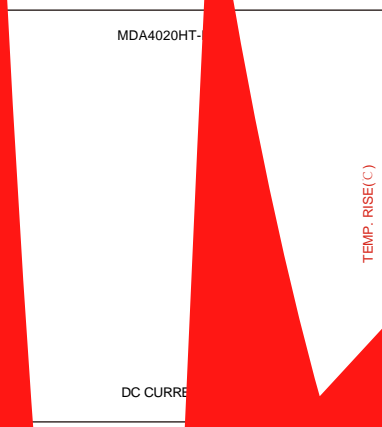
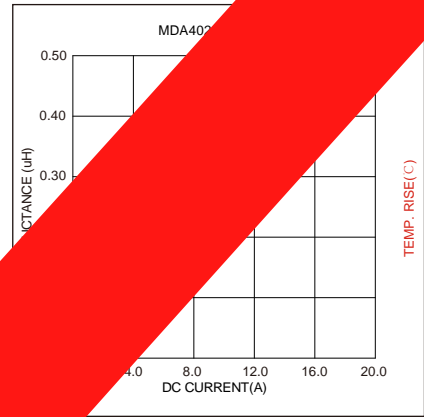
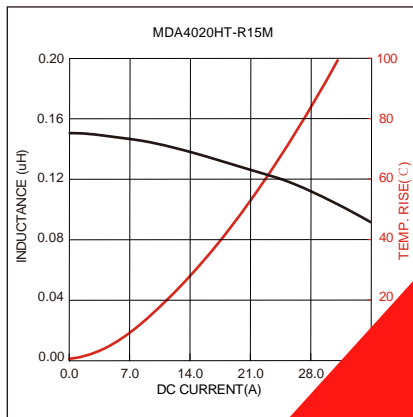
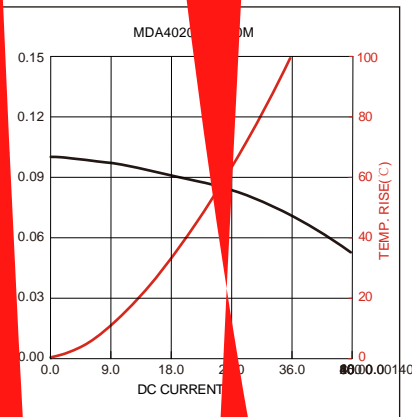
Electrical Properties:

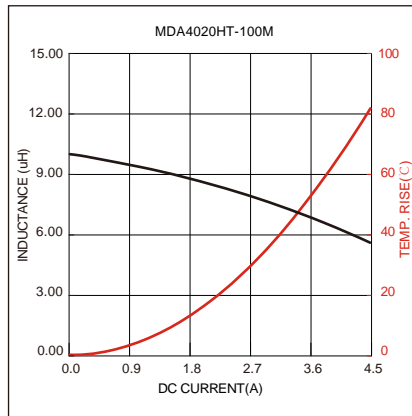
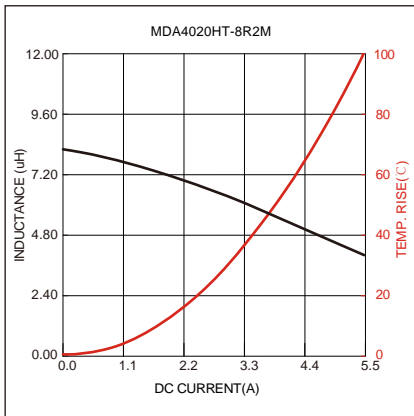
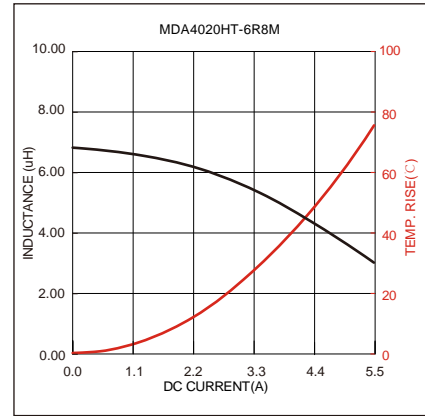
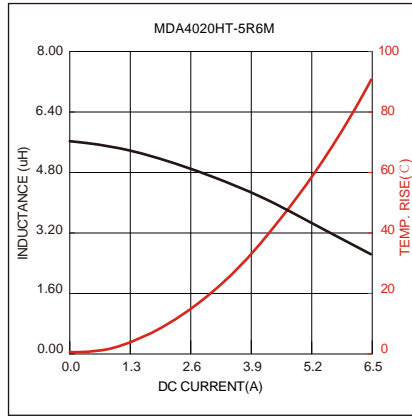
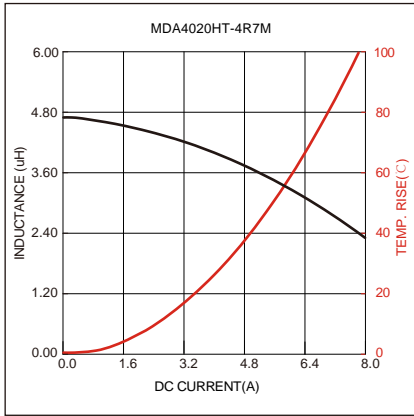
	(μ H)	(A)	(A)	Saturation (A)	Saturation (A)	(m ²)	(m ²)

				Satura on	Satura on		
		(A)	(A)	(A)	(A)	(m)	(m)

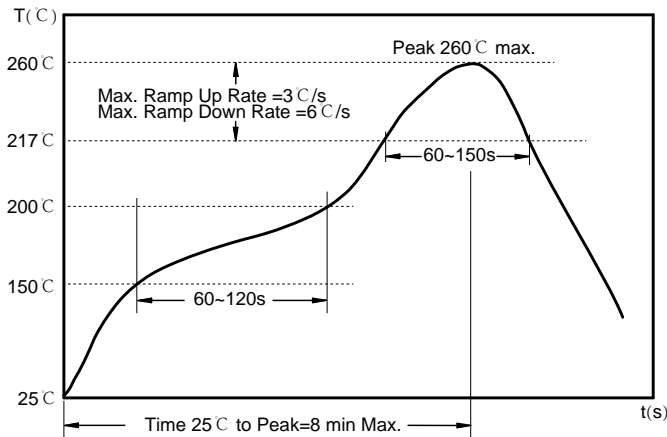
on Current will decrease to drop approximately 35%.
 Temperature Rise Current actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Electrical Characteristics:





Soldering Reflow:



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

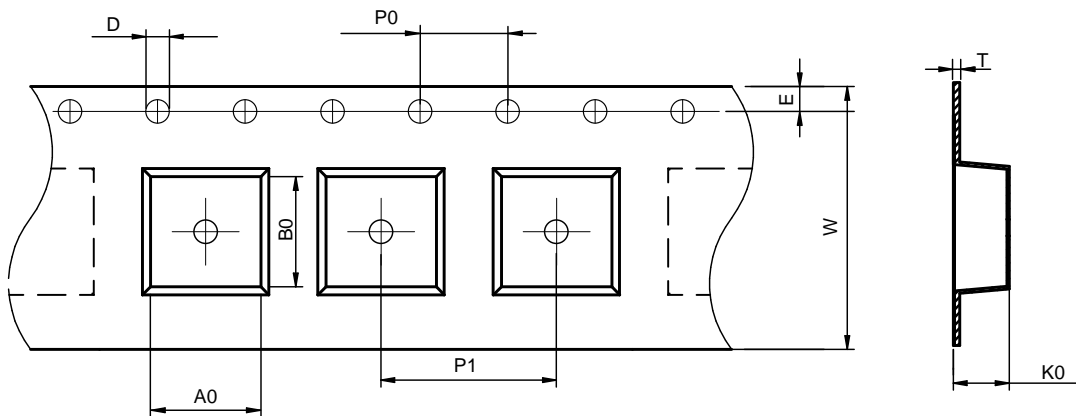
Allowed time above 217 °C : 60~150 sec.

Max temperature: 260 °C .

Allowed Reflow time: 3x max.

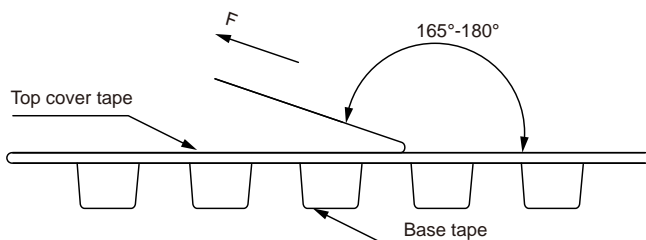
Packaging Information:

Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)
MDA4020HT	4.6± 0.1	4.9± 0.1	1.5± 0.1	4.0± 0.1	8.0± 0.1	12± 0.3	2.3± 0.1	1.75± 0.1

Peel force of top cover tape:

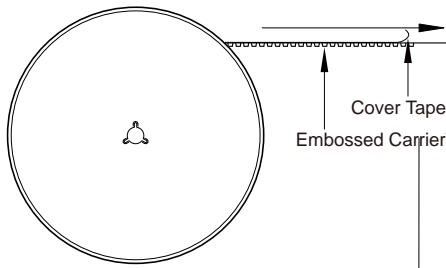


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

Marking	Printing Inductance)
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Reel Dimension: [mm]



The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions.

Packaging Quantity: