

MDA HT Series

SMD Low Profile High Current Molded Inductor

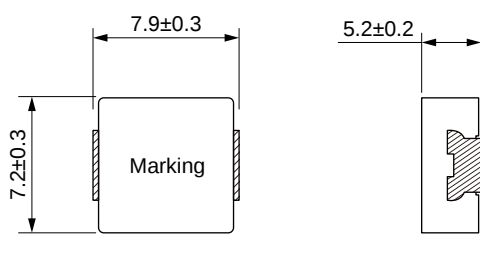
FEATURES

- Low loss realized with low DCR.
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- 100% Lead(Pb)-Free and RoHS compliant.
- High performance (Isat) realized by metal dust core.
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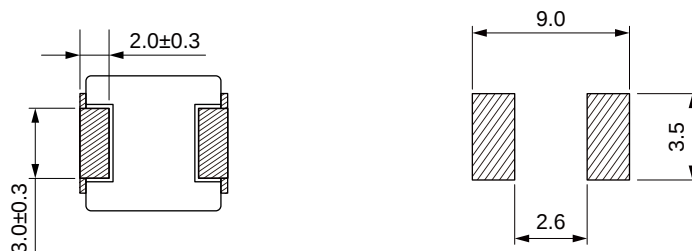
APPLICATION

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- HVAC
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- Audio subsystem
- Digit insm
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Dimensions: [mm]



Land Pattern: [mm]

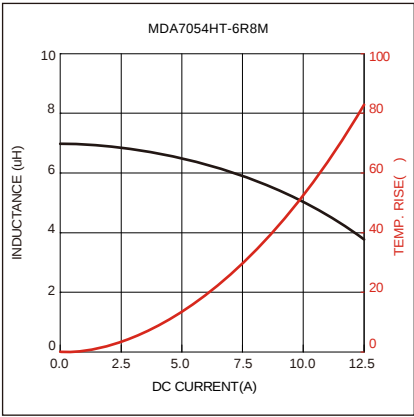
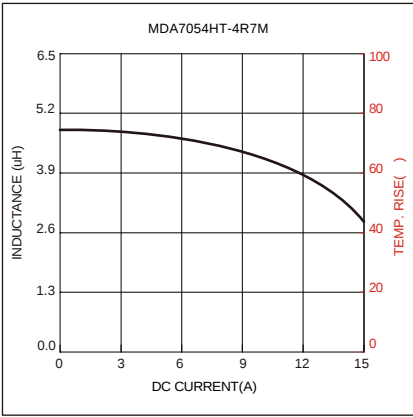


Electrical Properties:

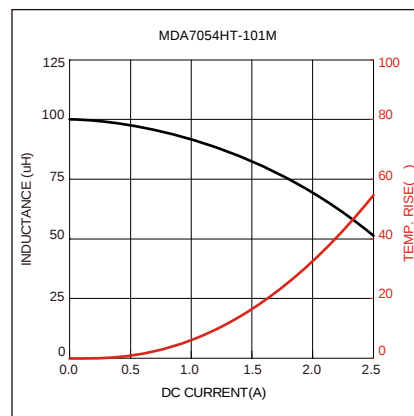
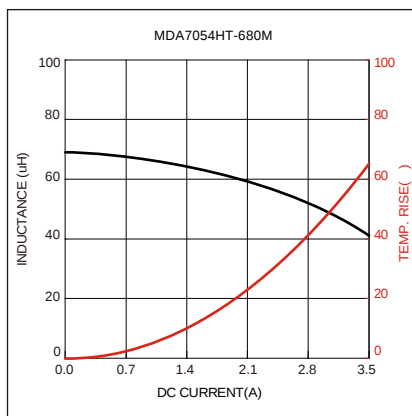
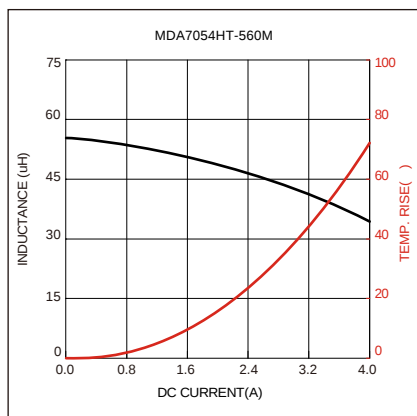
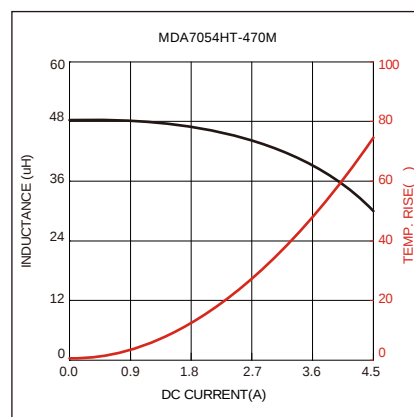
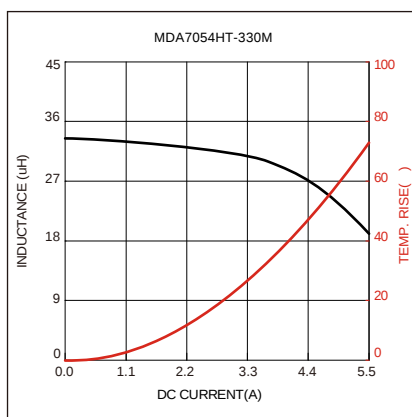
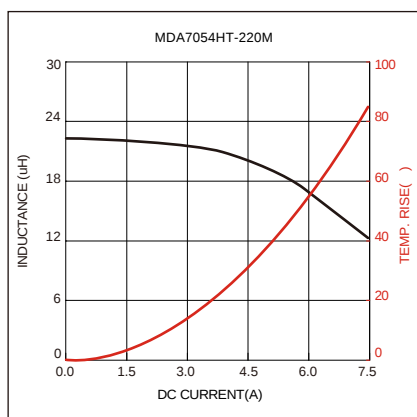
	(μ H)				Saturation	Saturation	(m Ω)	(m Ω)
MDA7054HT-1R5M	1.50	$\pm 20\%$	11.5	10.3	16.4	14.0	6.30	7.30
MDA7054HT-2R2M	2.20	$\pm 20\%$	9.80	8.70	15.0	12.7	9.90	11.4
MDA7054HT-3R3M	3.30	$\pm 20\%$	8.00	7.20	13.5	11.6	13.4	15.4
MDA7054HT-4R7M	4.70	$\pm 20\%$	7.00	6.30	13.2	11.2	18.2	20.9
MDA7054HT-5R6M	5.60	$\pm 20\%$	6.50	5.60	10.6	9.20	20.0	24.0
MDA7054HT-6R8M	6.80	$\pm 20\%$	6.20	5.50	10.2	8.70	23.1	26.6
MDA7054HT-8R2M	8.20	$\pm 20\%$	5.80	5.00	9.20	7.70	27.8	31.9
MDA7054HT-100M	10.0	$\pm 20\%$	5.20	4.70	8.10	6.90	33.0	38.0
MDA7054HT-150M	15.0	$\pm 20\%$	3.80	3.40	7.00	5.90	60.0	66.0
MDA7054HT-220M	22.0	$\pm 20\%$	3.30	3.00	6.30	5.40	85.0	93.5

	(μ H)			Saturation	(m Ω)	(m Ω)
MDA7054HT-330M	33.0	$\pm 20\%$	3.20	4.90	111.0	127.6
MDA7054HT-470M	47.0	$\pm 20\%$	2.50	4.20	156.0	171.6
MDA7054HT-560M	56.0	$\pm 20\%$	2.20	3.30	190.5	209.3
MDA7054HT-680M	68.0	$\pm 20\%$	2.00	2.80	222.0	255.0
MDA7054HT-101M	100	$\pm 20\%$	1.80	2.40	303.0	348.0

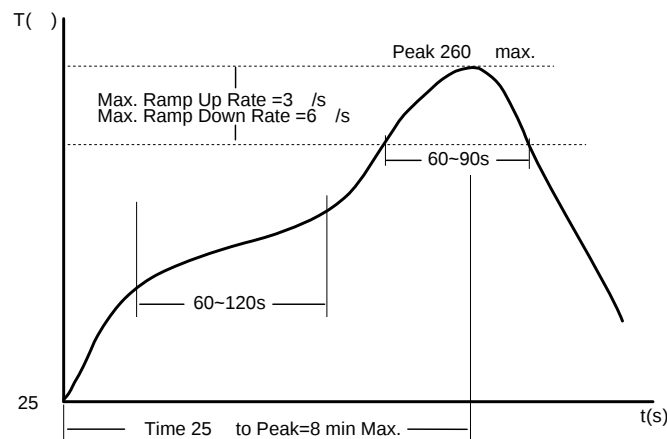
Typical Electrical Characteristics:



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Soldering Reflow:

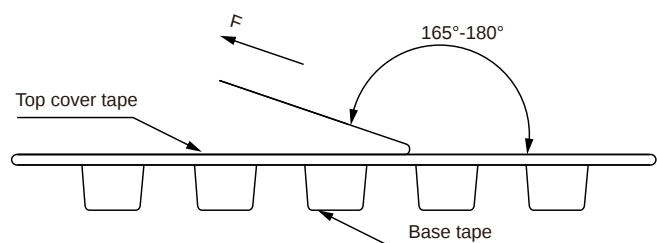


Preheat condition: 150 ~200 / 60~120 sec.
Allowed time above 217 : 60~90 sec.
Max temperature: 260 .
Allowed Reflow time: 2x max.

Packaging Information:

Tape Dimension :

Peel force of top cover tape:

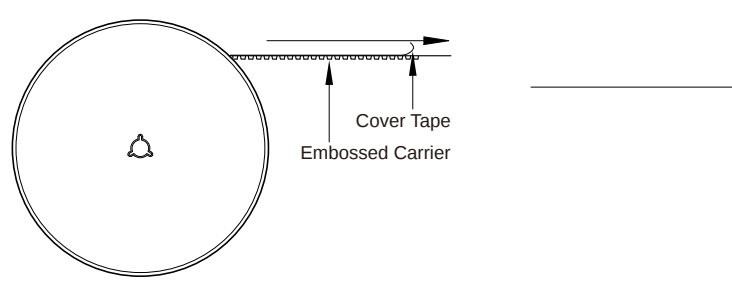


The peel force of top cover tape shall be between 0.1 to 1.3 N

Product Marking:

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



Packaging Quantity: