

## MDA HT Series

### FEATURES

Low loss realized with low DCR.

100% Lead(Pb)-Free and RoHS compliant.

High performance ( $I_{sat}$ ) realized by metal dust core.

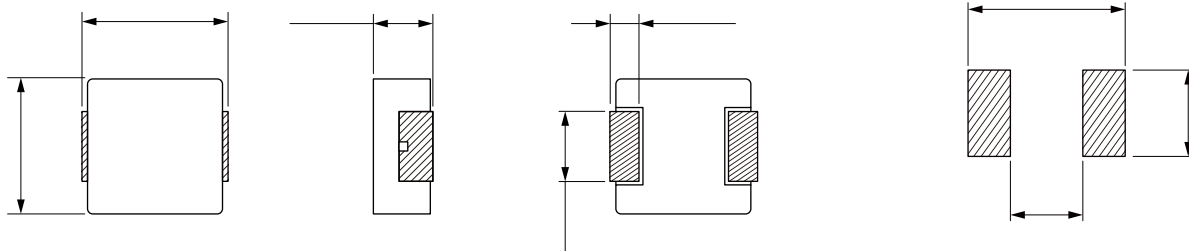


### APPLICATION

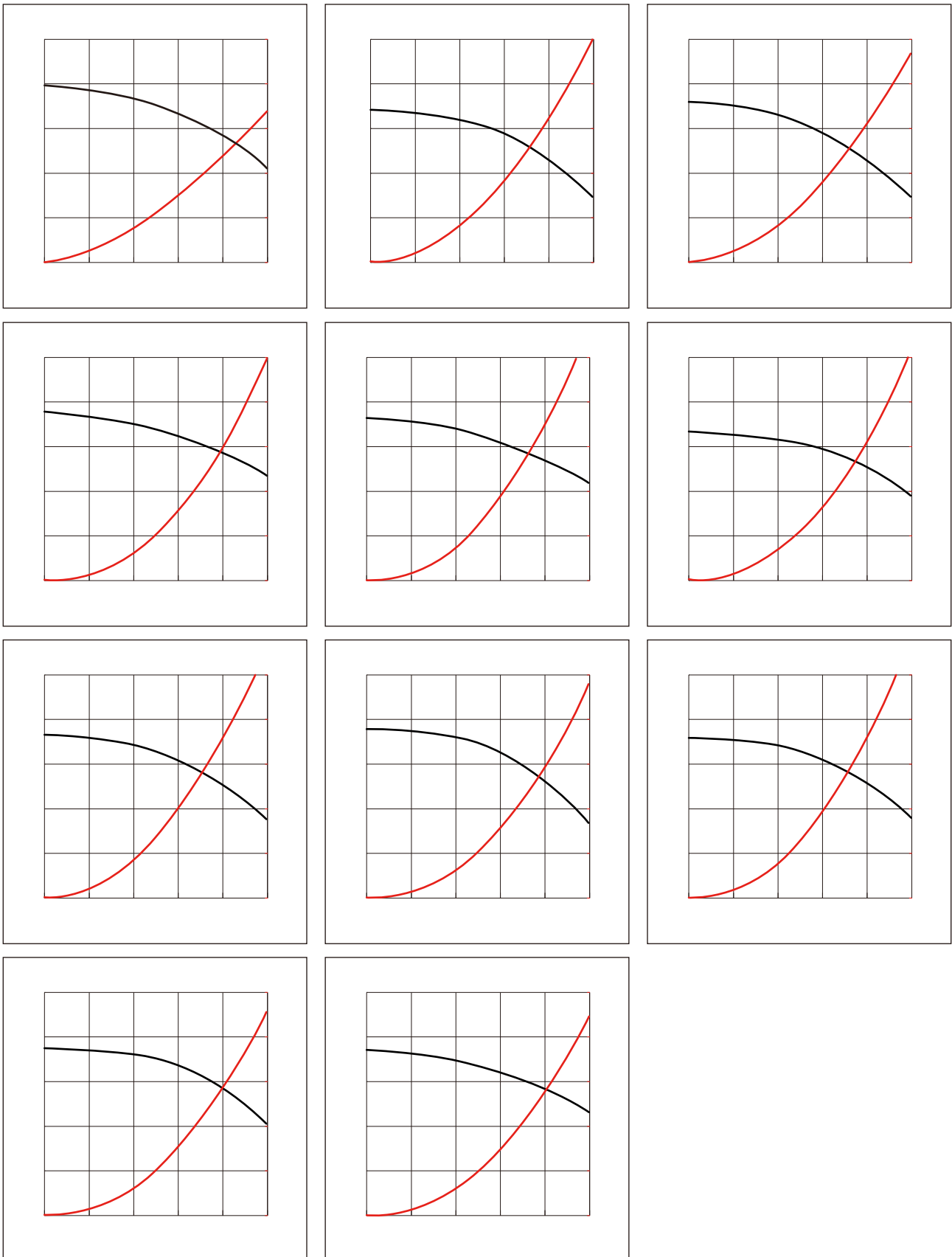
HVAC

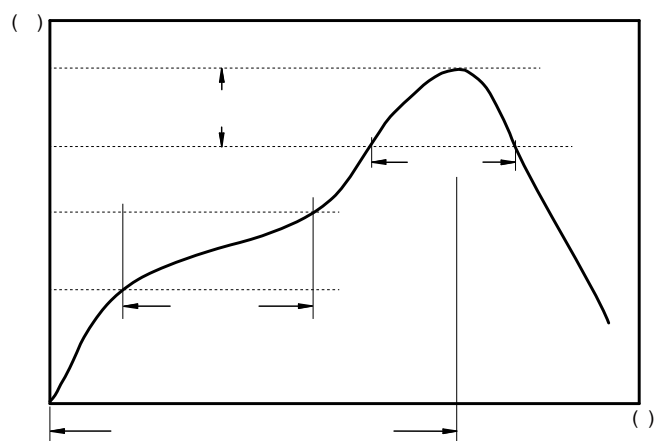
Audio subsystem

Digital instrument cluster

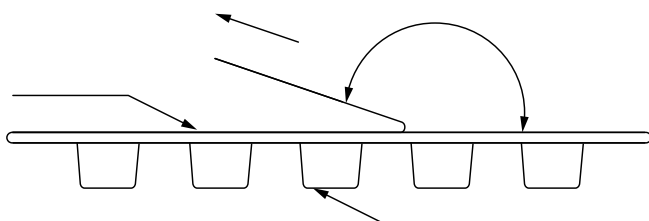
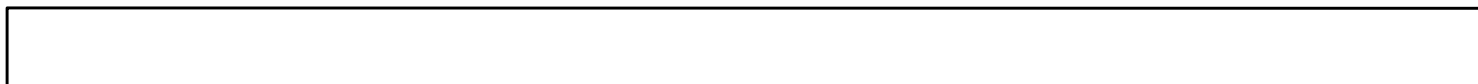


Part No	Inductance @ 100KHz/1V ( $\mu$ H)	Tolerance	Temperature Rise Current Typ. (A)	Saturation Current Typ. (A)	DC Resistance Typ. (m $\Omega$ )	DC Resistance Max. (m $\Omega$ )
MDA5040HT-R47M	0.47	$\pm 20\%$	13.5	14.5	5.5	6.3
MDA5040HT-R68M	0.68	$\pm 20\%$	12.5	13.2	7.5	8.6
MDA5040HT-1R0M	1.00	$\pm 20\%$	11.5	11.2	9.8	11.3
MDA5040HT-1R5M	1.50	$\pm 20\%$	9.0	10.3	14.7	16.2
MDA5040HT-2R2M	2.20	$\pm 20\%$	7.8	9.3	21.8	24.0
MDA5040HT-3R3M	3.30	$\pm 20\%$	6.8	8.8	30.0	34.5
MDA5040HT-4R7M	4.70	$\pm 20\%$	6.1	7.2	35.6	39.2
MDA5040HT-6R8M	6.80	$\pm 20\%$	5.2	5.2	50.0	57.5
MDA5040HT-100M	10.0	$\pm 20\%$	4.0	5.2	82.0	92.0
MDA5040HT-150M	15.0	$\pm 20\%$	3.0	3.8	100	120
MDA5040HT-220M	22.0	$\pm 20\%$	2.7	3.0	170	187



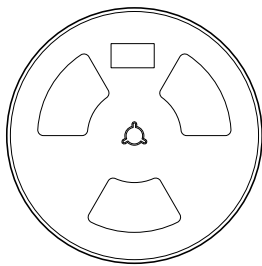
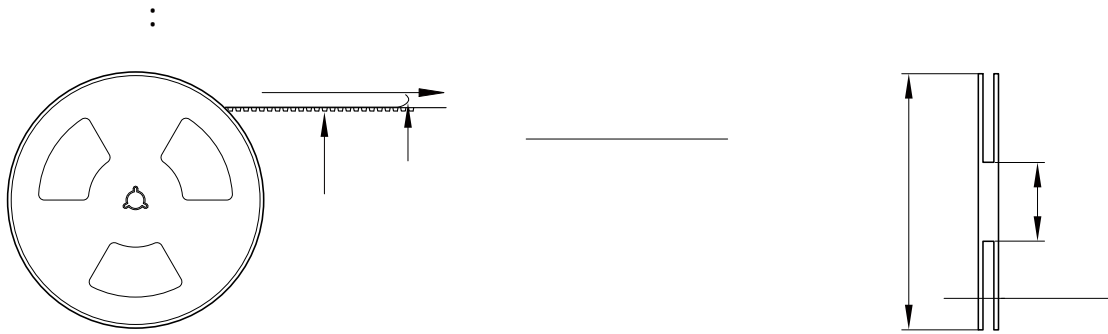


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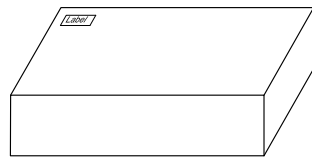


The peel force of top cover tape shall be between 0.1 to 1.3 N

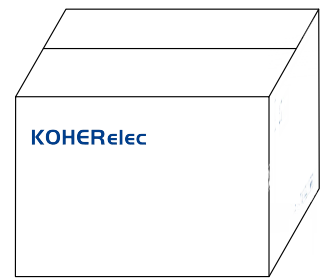
Marking	Printing (Inductance+period)
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2000 Pcs/Reel



3 Reel /Inner box( 6000 Pcs)



3 Inner box/Carton box(18K Pcs)

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