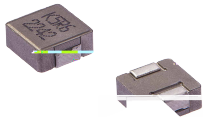


# MDA Series

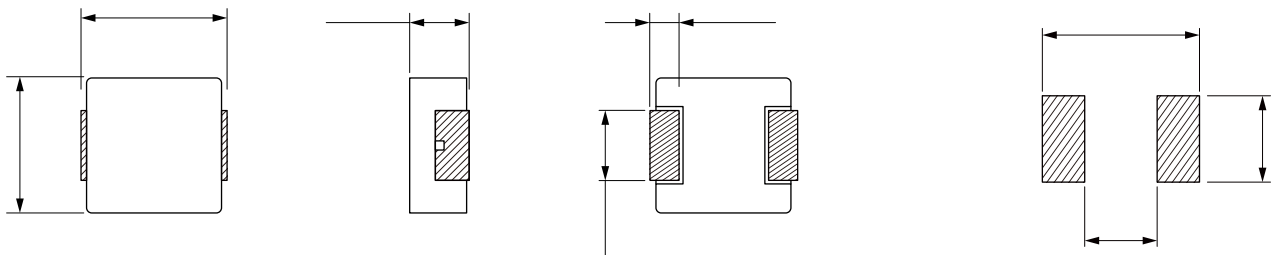


## FEATURES

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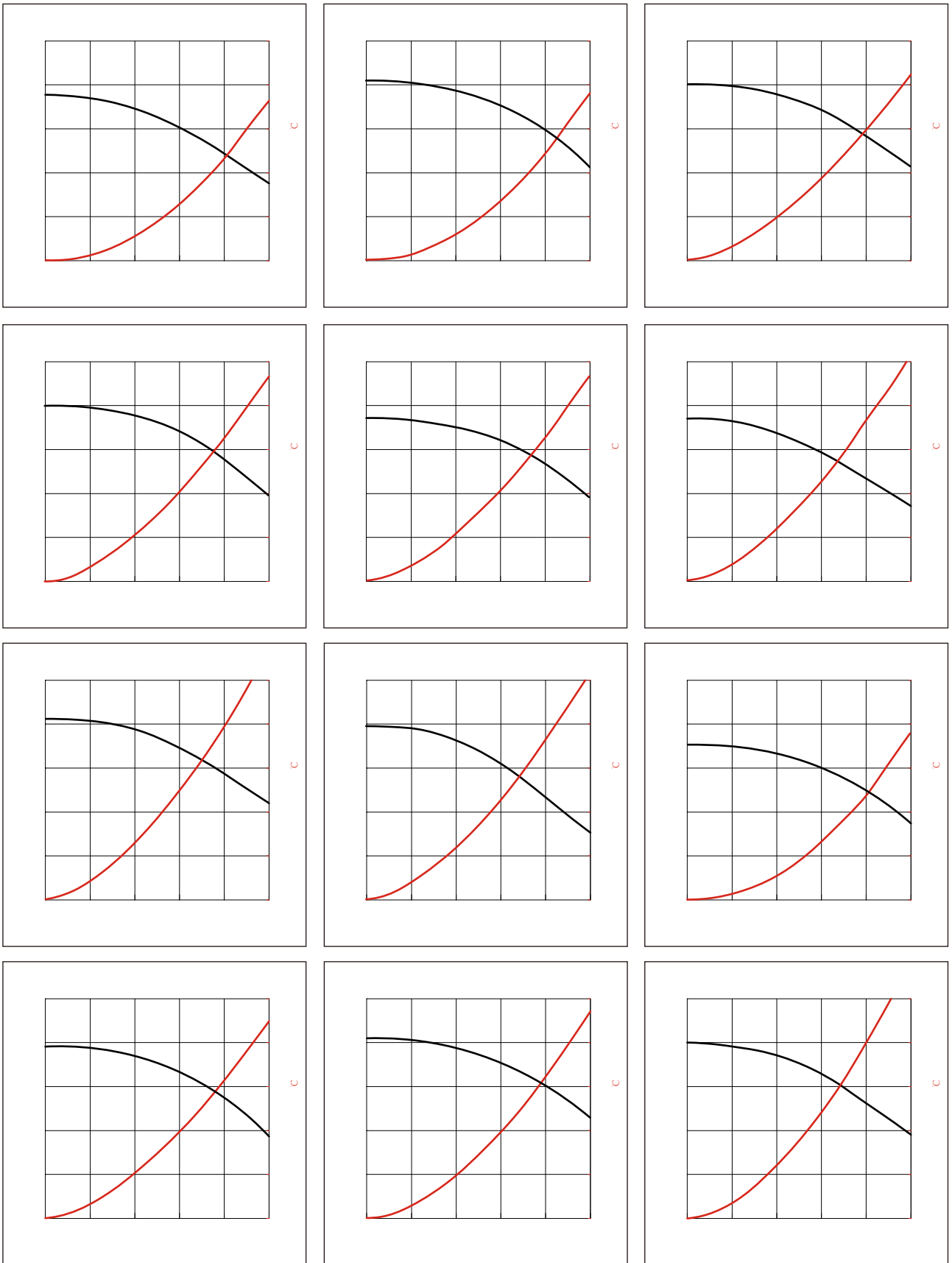
## APPLICATION

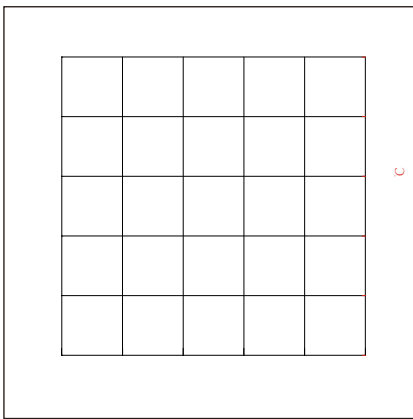
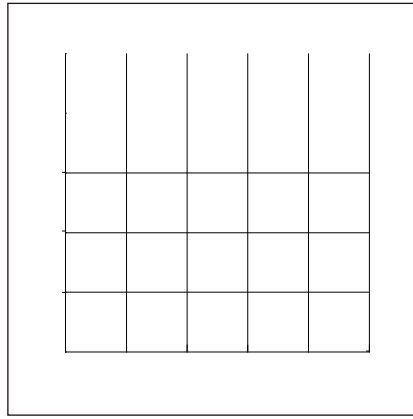
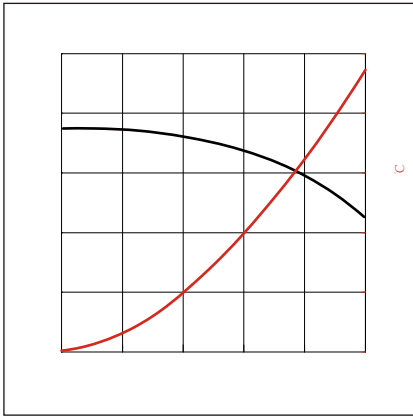
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- HVAC
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- Audio subsystem
- Digital instrument cluster
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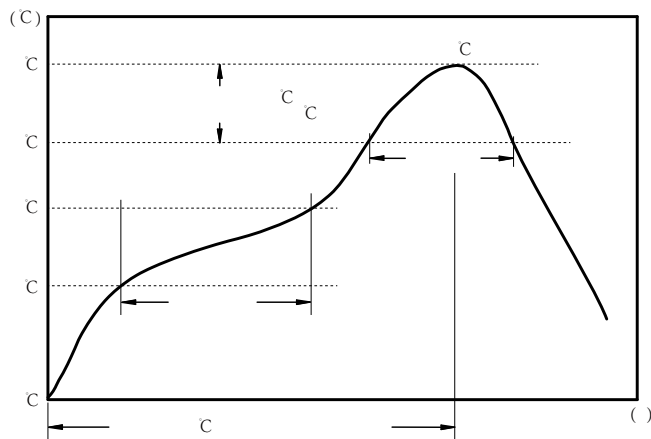


Part No	Inductance @ 100KHz/1V (μH)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Saturation Current Typ. (A)	Saturation Current Max. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
MDA7030-R15N	0.15	±30%	30.0	25.0	40.0	36.0	1.70	2.10
MDA7030-R22M	0.22	±20%	23.0	21.0	34.0	32.0	2.00	2.50
MDA7030-R33M	0.33	±20%	21.0	20.0	25.0	22.0	2.80	3.40
MDA7030-R36M	0.36	±20%	20.0	18.0	24.0	21.0	3.30	3.90
MDA7030-R47M	0.47	±20%	18.0	16.0	20.0	18.0	3.40	4.00
MDA7030-R56M	0.56	±20%	16.5	15.0	18.0	16.0	3.90	4.50
MDA7030-R68M	0.68	±20%	16.0	14.5	17.0	15.0	4.70	5.30
MDA7030-R82M	0.82	±20%	14.0	13.0	16.0	14.0	5.40	6.00
MDA7030-1R0M	1.00	±20%	12.0	11.0	15.0	13.5	6.70	7.40
MDA7030-1R2M	1.20	±20%	10.0	9.5	14.0	12.5	7.70	9.50

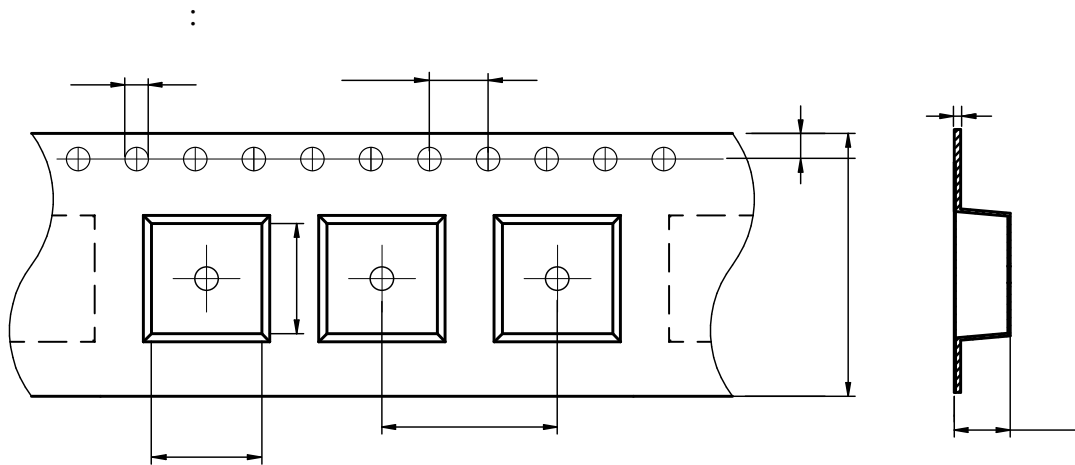
Tolerance	Saturation Current Typ. (A)	DC Resistance Typ.
±20%	14.0	10.2
±20%	10.0	13.5
±20%	9.5	19.0
±20%	6.5	28.0
±20%	6.0	39.0
±20%	6.0	43.0
±20%	6.0	54.0
±20%	5.5	62.0
±20%	4.5	110
±20%	3.0	150
±20%	2.5	215
±20%	2.0	318



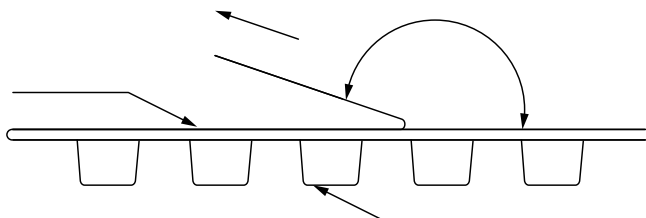




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c



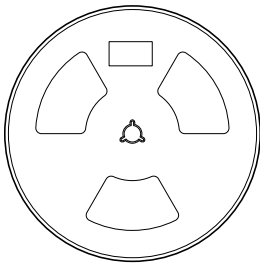
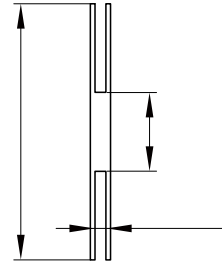
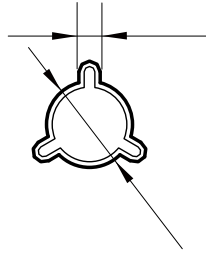
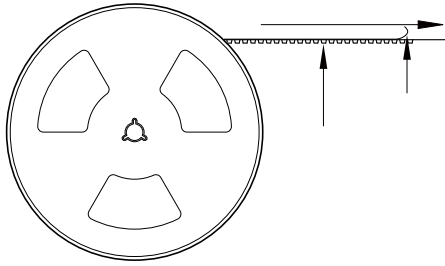
MDA7030	$7.0 \pm 0.1$	$7.7 \pm 0.1$	$1.5 \pm 0.1$	$4.0 \pm 0.1$	$12.0 \pm 0.1$	$16.0 \pm 0.3$	$3.4 \pm 0.1$	$1.75 \pm 0.1$	$0.35 \pm 0.05$
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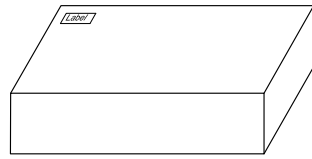
The peel force of top cover tape shall be between 0.1 to 1.3 N

Marking	K+Printing (Inductance+period)
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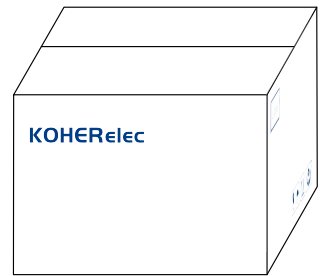
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1000 Pcs/Reel



2 Reel /Inner box( 2000 Pcs)



3 Inner box/Carton box(6K Pcs)

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