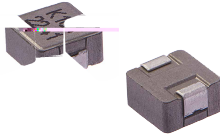


MDA Series

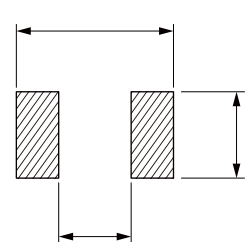
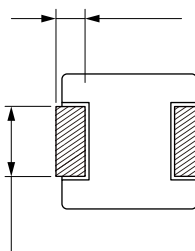
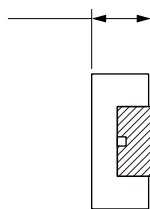
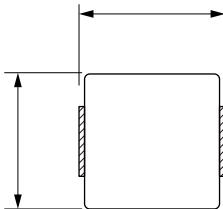
FEATURES

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

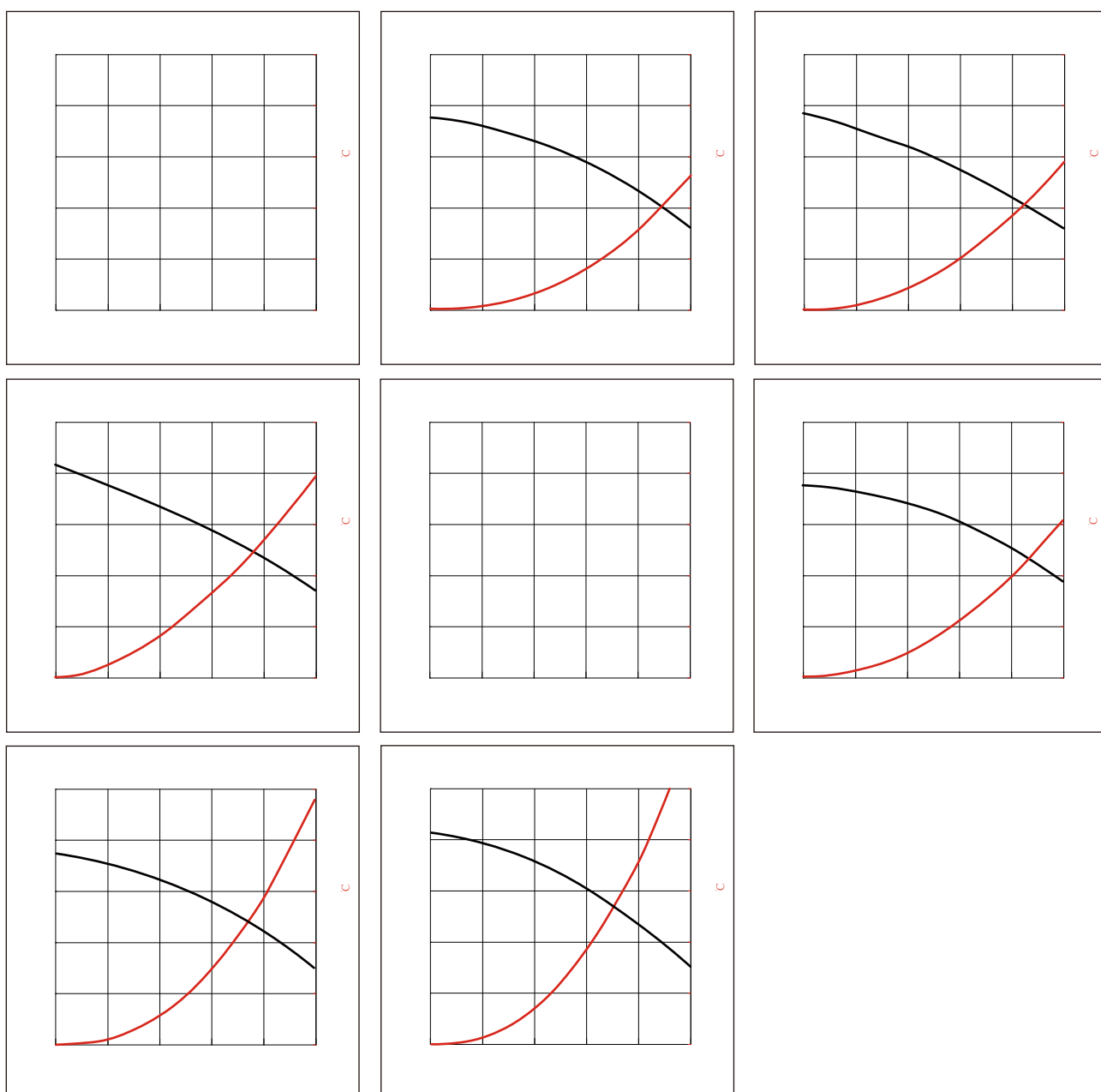


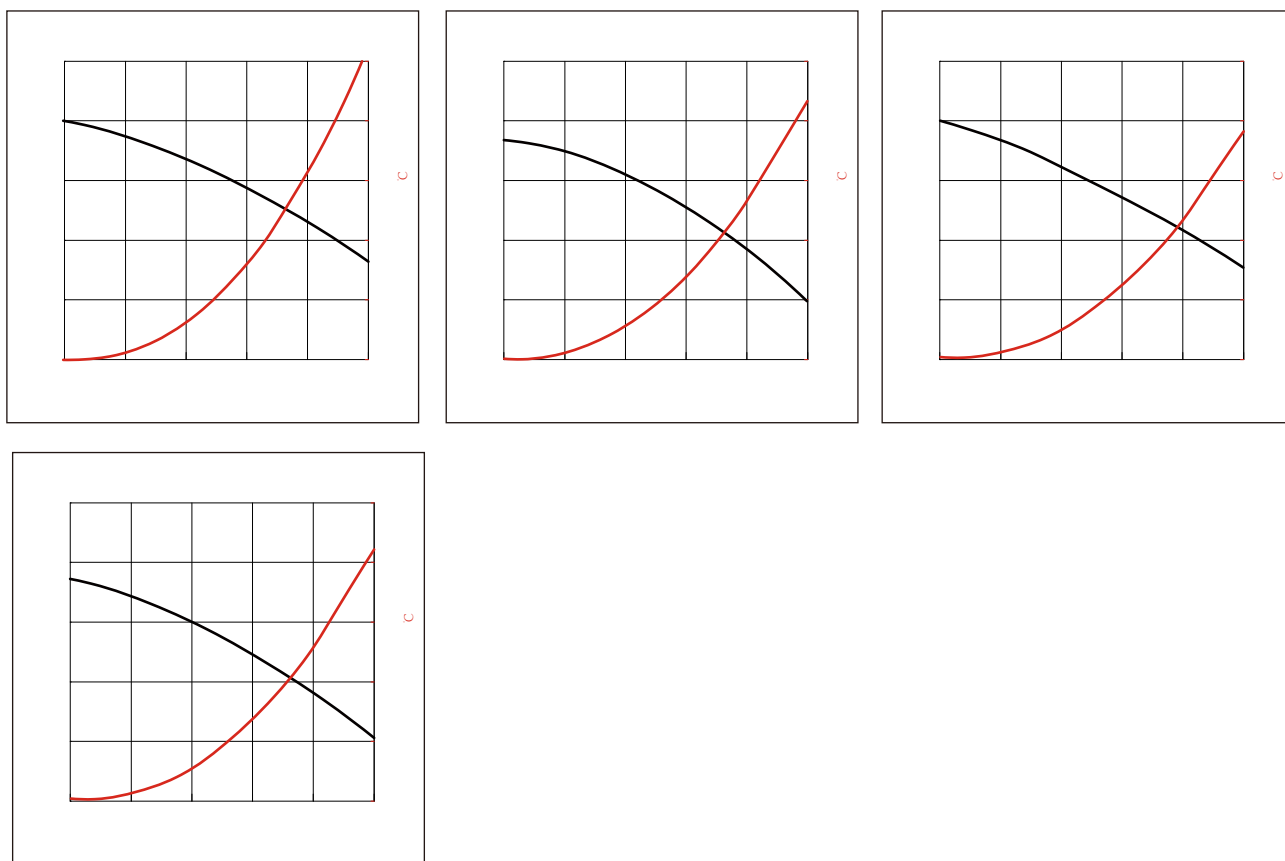
APPLICATION

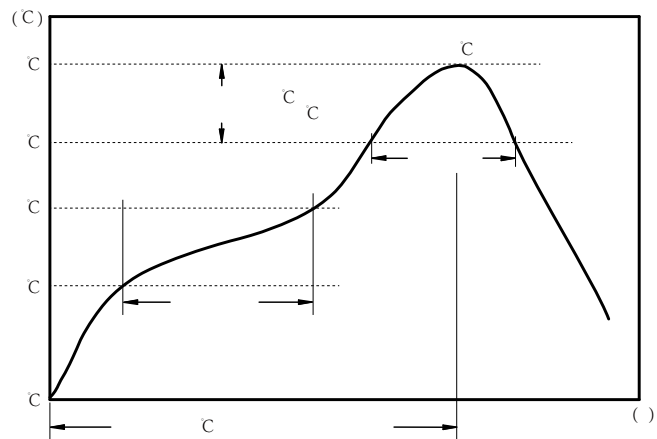
-
- HVAC
-
- Audio subsystem
- Digital instrument cluster
-



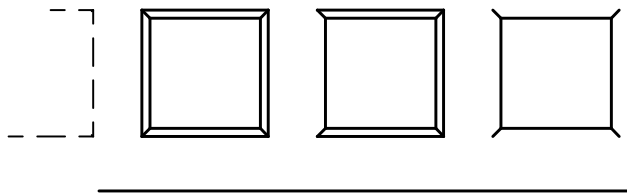
Part No	Inductance @ 100KHz/1V (μ H)	Tolerance	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	Saturation Current Typ. (A)	Saturation Current Max. (A)	DC Resistance Typ. (m Ω)	DC Resistance Max. (m Ω)
MDA5030-R20M	0.20	$\pm 20\%$	14.0	13.0	20.0	16.0	3.60	3.90
MDA5030-R47M	0.47	$\pm 20\%$	13.5	12.0	10.0	9.0	5.20	6.00
MDA5030-R68M	0.68	$\pm 20\%$	12.5	11.0	9.0	8.0	7.40	8.50
MDA5030-R82M	0.82	$\pm 20\%$	10.0	9.0	8.8	7.7	8.00	9.20
MDA5030-1R0M	1.00	$\pm 20\%$	9.0	8.0	8.5	7.5	10.5	12.0
MDA5030-1R5M	1.50	$\pm 20\%$	8.0	7.0	7.5	6.5	13.6	15.7
MDA5030-2R2M	2.20	$\pm 20\%$	7.0	6.5	6.5	5.8	21.6	25.0
MDA5030-3R3M	3.30	$\pm 20\%$	6.3	5.8	6.0	5.3	28.0	33.0
MDA5030-4R7M	4.70	$\pm 20\%$	5.5	4.8	5.3	4.6	38.0	44.0
MDA5030-5R6M	5.60	$\pm 20\%$	5.0	4.3	4.6	4.0	50.0	58.0



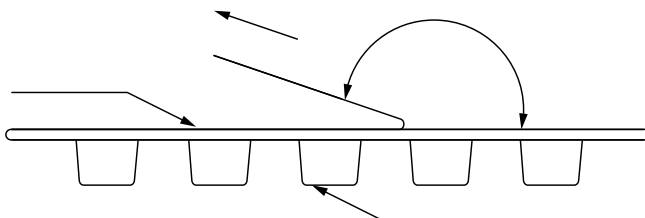




:



MDA5030	5.5 ± 0.1	5.9 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	12.0 ± 0.3	3.3 ± 0.1	1.75 ± 0.1	0.35 ± 0.05



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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