

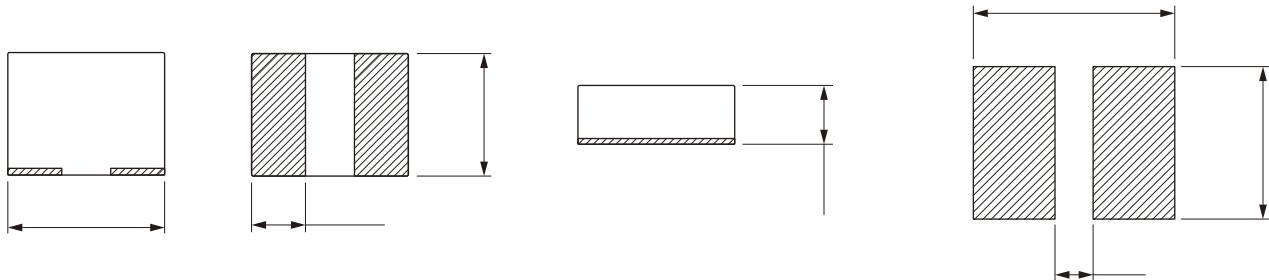
MDTE Series

FEATURES

- So saturation
- High current, low DCR, high efficiency
- Very low acoustic noise and very low leakage flux noise
- High reliability
- 100% Lead(Pb)-Free and RoHS compliant
- Operating temperature -40~+125 °C (Including self-temperature rise)
- Quantity: 3000pcs

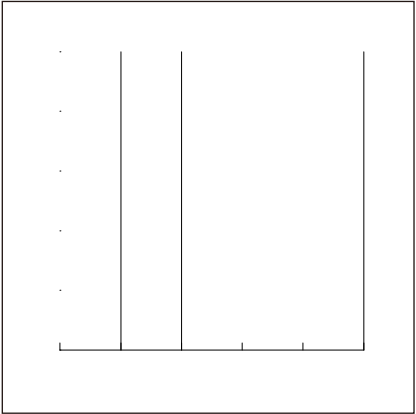
APPLICATION

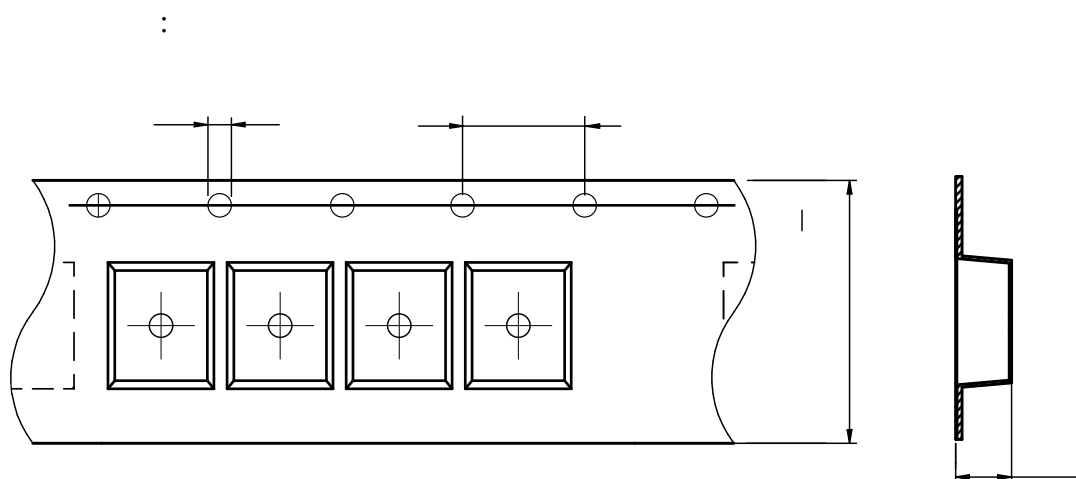
- Note PC power system, incl. IMVP-6
- DC/DC converter



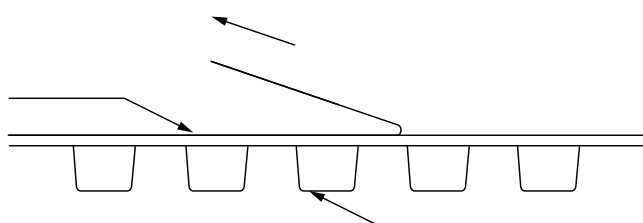
Part No	Inductance @ 1MHz/1V (μH)	Tolerance	Saturation Current Typ. (A)	Saturation Current Max. (A)	Temperature Rise Current Typ. (A)	Temperature Rise Current Max. (A)	DC Resistance Max. (mΩ)
MDTE141208-R33M	0.33	±20%	5.3	5.0	4.0	3.5	28
MDTE141208-R47M	0.47	±20%	4.6	4.2	3.8	3.3	35



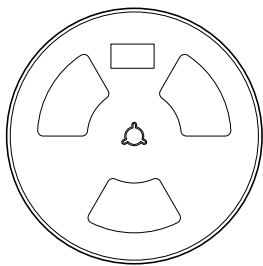
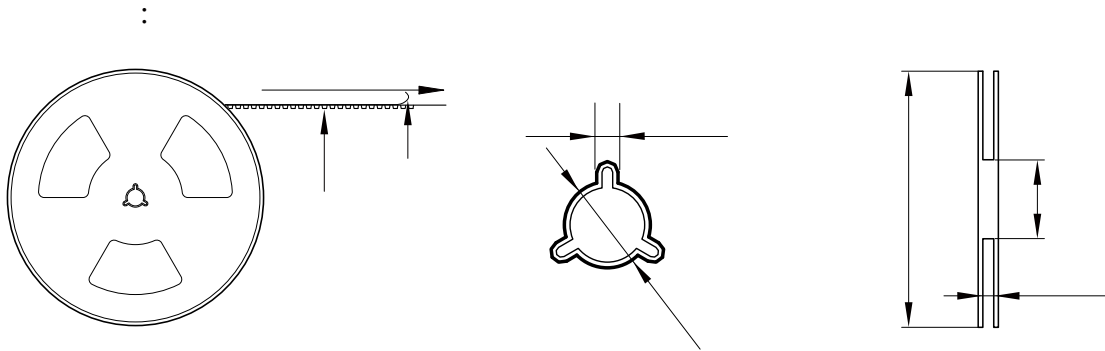




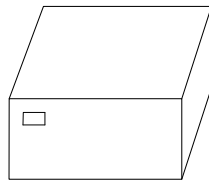
MDTE141208	1.5 ± 0.1	1.7 ± 0.1	1.5 ± 0.1	4.0 ± 0.1	4.0 ± 0.1	8.0 ± 0.1	1.0 ± 0.1	1.75 ± 0.1	0.25 ± 0.05



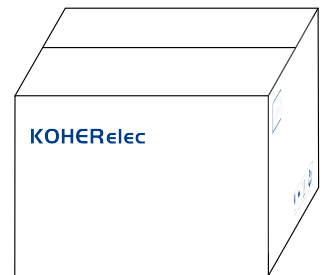
The peel force of top cover tape shall be between 0.1 to 0.98 N



3000 Pcs/Reel



5 Reel /Inner box(15K Pcs)



8 Inner box/Carton box(120K Pcs)

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