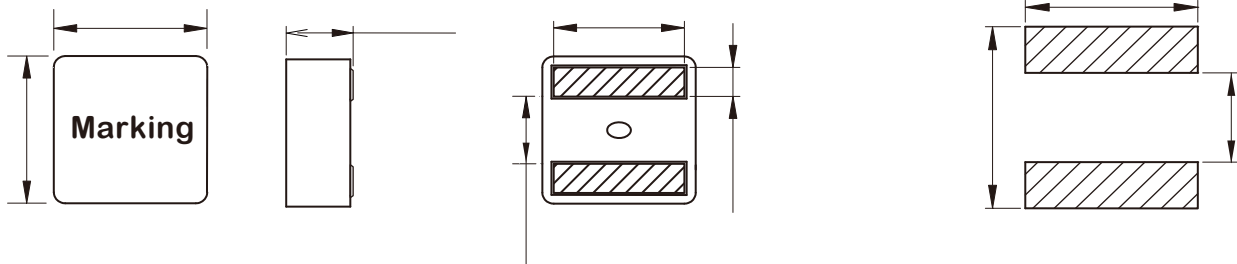
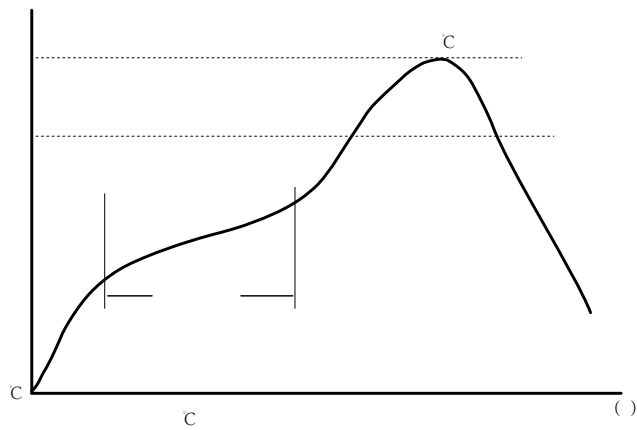


- Saturation
- High current, low DCR, high efficiency
- Very low acoustic noise and very low leakage flux noise
- High reliability
- 100% Lead(Pb)-Free and RoHS compliant
- Operating temperature -55~+125 °C (Including self - temperature rise)
- Quantity: 1500pcs

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



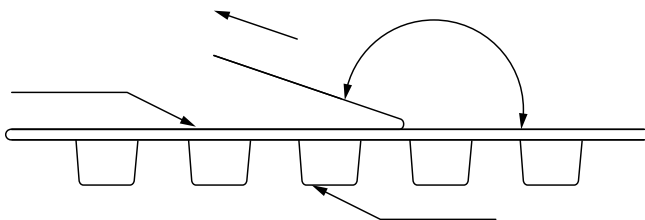
| Part No       | Inductance<br>@ 100KHz/0.1V | Tolerance | Current<br>Typ. | Current<br>Max. | Temperature<br>Rise Current<br>Typ. | DC<br>Resistance<br>Max. | D       |
|---------------|-----------------------------|-----------|-----------------|-----------------|-------------------------------------|--------------------------|---------|
| MDTE7030-1R0M | 1.00                        | ±20%      | 30.0            | 28.0            | 21.8                                | 5.00                     | 6.6±0.3 |
| MDTE7030-1R5M | 1.50                        | ±20%      | 25.0            | 23.5            | 15.3                                | 8.25                     | 6.6±0.3 |
| MDTE7030-2R2M | 2.20                        | ±20%      | 19.0            | 17.0            | 13.0                                | 13.7                     | 6.2±0.3 |
| MDTE7030-2R7M | 2.70                        | ±20%      | 16.0            | 13.5            | 11.4                                | 15.4                     | 6.2±0.3 |
| MDTE7030-3R3M | 3.30                        | ±20%      | 15.0            | 13.0            | 10.0                                | 18.0                     | 6.2±0.3 |
| MDTE7030-4R7M | 4.70                        | ±20%      | 13.5            | 12.2            | 9.00                                | 26.7                     | 6.2±0.3 |
| MDTE7030-5R6M | 5.60                        | ±20%      | 12.5            | 11.5            | 7.30                                | 33.2                     | 6.2±0.3 |
| MDTE7030-6R8M | 6.80                        | ±20%      | 12.0            | 11.0            | 6.80                                | 42.5                     | 6.2±0.3 |
| MDTE7030-8R2M | 8.20                        | ±20%      | 10.2            | 9.0             | 5.90                                | 48.73                    | 6.2±0.3 |



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| MDTE7030 | $8.2 \pm 0.1$ | $8.0 \pm 0.1$ | $1.5 \pm 0.1$ | $4.0 \pm 0.1$ | $12.0 \pm 0.1$ | $16.0 \pm 0.3$ | $3.3 \pm 0.1$ | $1.75 \pm 0.1$ | $0.35 \pm 0.05$ |
|----------|---------------|---------------|---------------|---------------|----------------|----------------|---------------|----------------|-----------------|



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

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