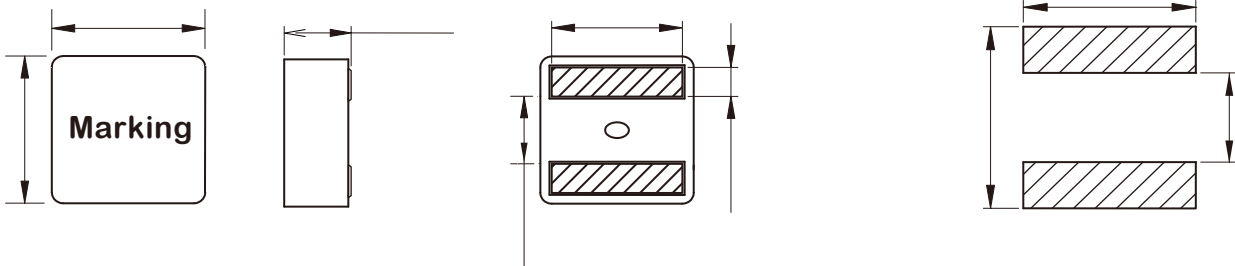
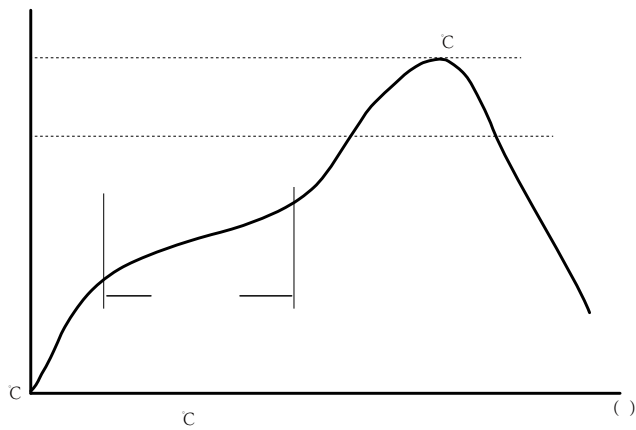


- Saturated
- High current, low DCR, high efficiency
- Very low acoustic noise and very low leakage flux noise
- High reliability
- 100% Lead (Pb)-Free and RoHS compliant
- Operating temperature -55~+125°C (Including self-temperature rise)
- Quantity: 1500pcs

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



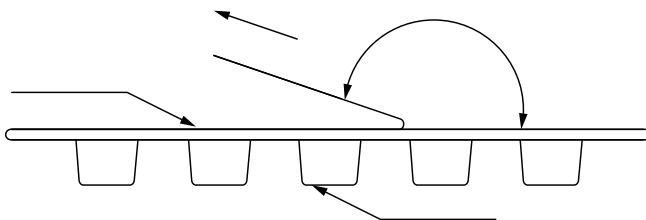
| Part No | Inductance @ 100KHz/0.1V | Tolerance | Current Typ. | Current Max. | Temperature Rise Current Typ. | DC Resistance Max. | D |
|---------------|--------------------------|-----------|--------------|--------------|-------------------------------|--------------------|---------|
| MDTE7030-1R0M | 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 ± 0.1 | 8.0 ± 0.1 | 1.5 ± 0.1 | 4.0 ± 0.1 | 12.0 ± 0.1 | 16.0 ± 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

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