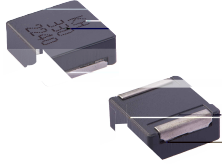


# MDCA Series

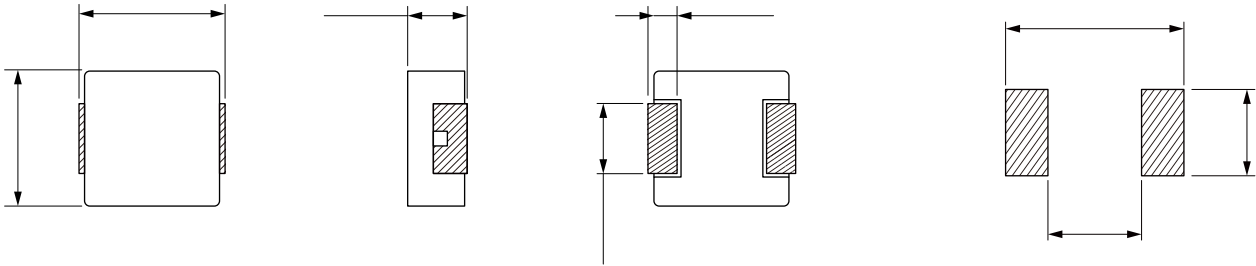


## FEATURES

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## APPLICATION

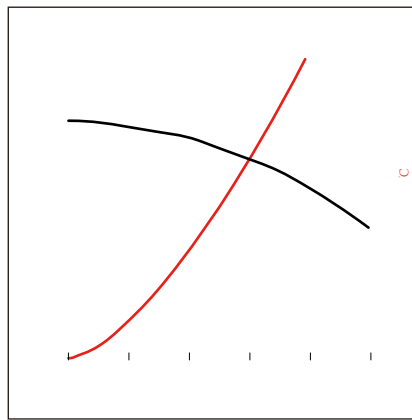
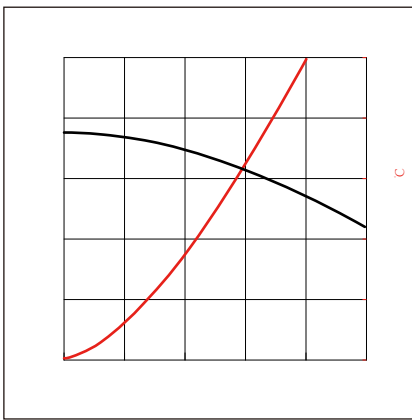
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- HVAC
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- Audio subsystem
- Digital instrument cluster
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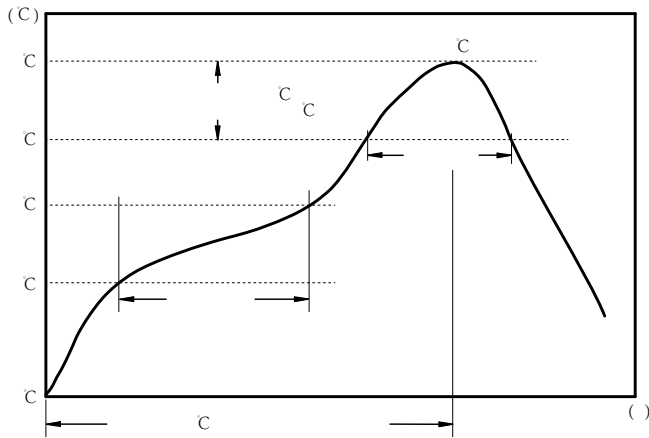
| Part No | Inductance @ 100KHz/1V (μH) | Tolerance | Temperature Rise Current Typ. (A) | Saturation Current Typ. (A) | DC Resistance Typ. (mΩ) | DC Resistance Max. (mΩ) |
|---------|-----------------------------|-----------|-----------------------------------|-----------------------------|-------------------------|-------------------------|
|         |                             | ±20%      |                                   |                             |                         |                         |
|         |                             | ±20%      |                                   | 123                         |                         |                         |
|         |                             | ±20%      |                                   | 70                          |                         |                         |
|         |                             | ±20%      |                                   |                             |                         |                         |
|         |                             | ±20%      |                                   | 62                          |                         |                         |
|         |                             | ±20%      |                                   |                             |                         |                         |
|         |                             | ±20%      |                                   |                             |                         |                         |
|         |                             | ±20%      |                                   | 39                          |                         |                         |
|         |                             | ±20%      |                                   | 31                          |                         |                         |
|         |                             | ±20%      |                                   | 29                          |                         |                         |
|         |                             | ±20%      |                                   | 27                          |                         |                         |
|         |                             | ±20%      |                                   | 23                          |                         |                         |
|         |                             | ±20%      |                                   | 20                          |                         |                         |

| Part No | Inductance @ 100KHz/1V ( $\mu\text{H}$ ) | Tolerance  |  |    | DC Resistance Typ. ( $\text{m}\Omega$ ) | DC Resistance Max. ( $\text{m}\Omega$ ) |
|---------|--|------------|--|----|---|---|
|         |  | $\pm 20\%$ |  | 16 |   |   |
|         |  | $\pm 20\%$ |  |    |   |   |
|         |  | $\pm 20\%$ |  | 13 |   |   |
|         |  | $\pm 20\%$ |  | 12 |   | 100                                     |
|         | 100                                      | $\pm 20\%$ |  | 12 | 102                                     |   |

△

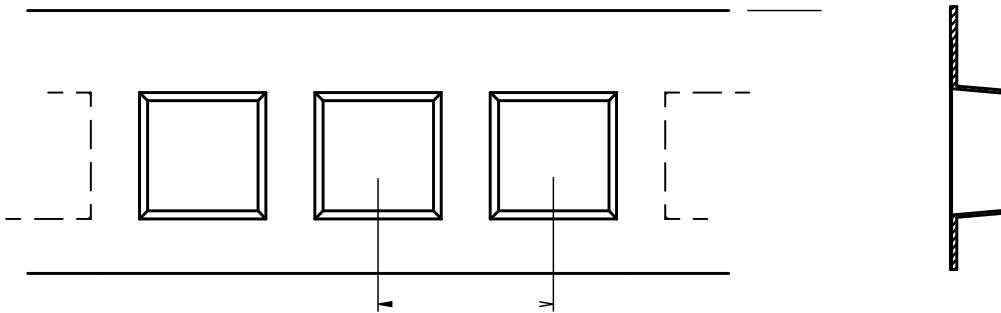




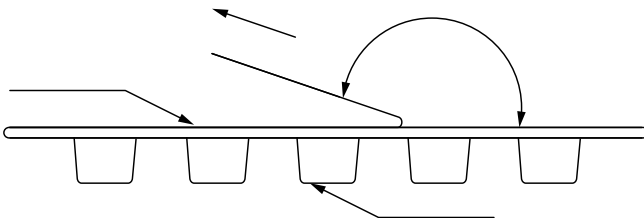


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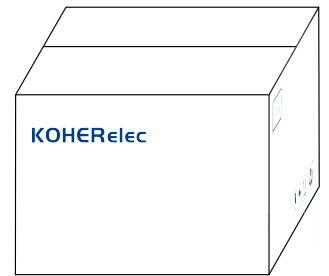
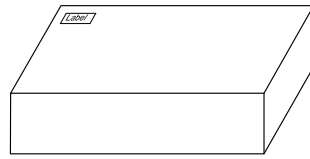
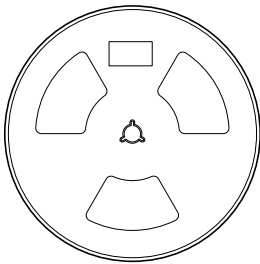
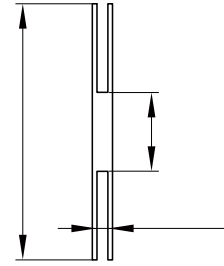
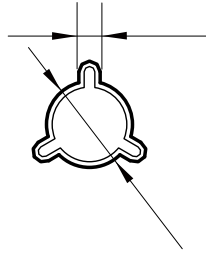
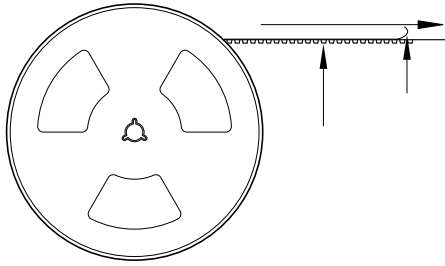
|          |          |          |         |         |          |          |         |          |           |
|----------|----------|----------|---------|---------|----------|----------|---------|----------|-----------|
|          |          |          |         |         |          |          |         |          |           |
| MDCA1870 | 17.5±0.1 | 18.1±0.1 | 1.5±0.1 | 4.0±0.1 | 24.0±0.1 | 32.0±0.3 | 7.3±0.1 | 1.75±0.1 | 0.50±0.05 |



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

|         |                                 |
|---------|---------------------------------|
| Marking | KH+Printing (Inductance+period) |
|---------|---------------------------------|

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200 Pcs/Reel

2 Reel /Inner box( 400 Pcs)

2 Inner box/Carton box(800 Pcs)

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