

## MDCA Series

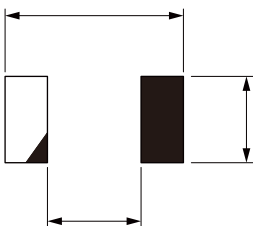
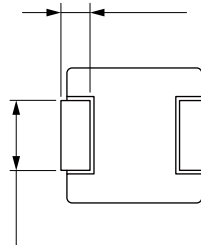
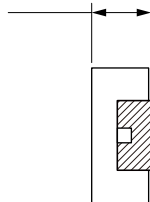
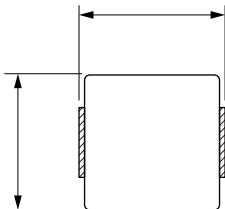


### FEATURES

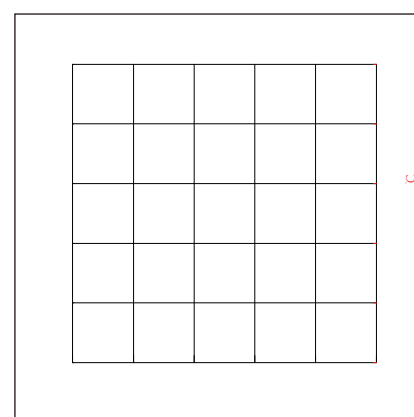
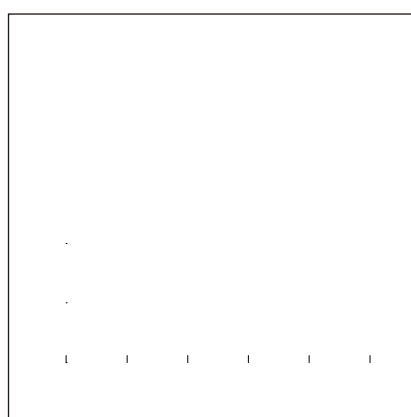
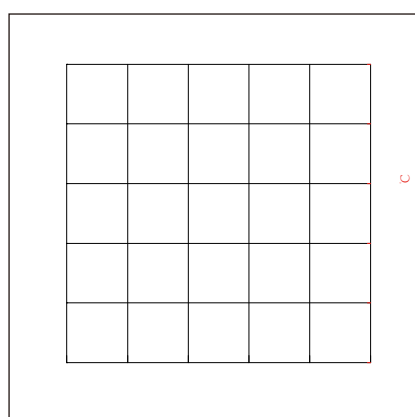
- Shielded construction.
- Capable of corresponding high frequency.
- Low loss realized with low DCR.
- High performance (Isat) realized by Carbonyl Powder.
- Ultra low buzz noise, due to composite construction.
- 100% Lead(Pb)-Free and RoHS compliant.
- AEC-Q200 qualified
- Operating temperature: -55 to +125 °C(including self-temperature rise)
- Quantity:500pcs

### APPLICATION

- Headlamps, tail lamps and interior lighting
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- Doors, window lift and seat control
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- In-Vehicle Infotainment and navigation



| Part No       | Inductance<br>@ 100KHz/1V | Tolerance |      |       | DC<br>Resistance<br>Typ. | DC<br>Resistance<br>Max. |
|---------------|---------------------------|-----------|------|-------|--------------------------|--------------------------|
| MDCA1365-R15M | 0.15                      |           | 55.0 | 118.0 | 0.49                     | 0.60                     |
| MDCA1365-R22M | 0.22                      |           | 53.0 | 112.0 | 0.47                     | 0.60                     |
| MDCA1365-R33M | 0.33                      |           | 46.0 | 68.0  | 0.65                     | 0.80                     |
| MDCA1365-R36M | 0.36                      |           | 45.0 | 66.0  | 0.70                     | 0.90                     |
| MDCA1365-R47M | 0.47                      |           | 41.0 | 63.0  | 0.90                     | 1.20                     |
| MDCA1365-R56M | 0.56                      |           | 37.0 | 58.0  | 1.05                     | 1.20                     |
| MDCA1365-R68M | 0.68                      |           | 35.0 | 55.0  | 1.25                     | 1.50                     |
| MDCA1365-R82M | 0.82                      |           | 33.0 | 50.0  | 1.50                     | 1.90                     |
| MDCA1365-1R0M | 1.00                      |           | 30.0 | 48.0  | 1.70                     | 2.30                     |
| MDCA1365-1R5M | 1.50                      |           | 27.0 | 45.0  | 2.50                     | 3.00                     |
| MDCA1365-2R2M | 2.20                      |           | 22.0 | 37.0  | 3.80                     | 4.20                     |
| MDCA1365-3R3M | 3.30                      |           | 18.0 | 30.0  | 5.70                     | 6.80                     |
| MDCA1365-4R7M | 4.70                      |           | 13.5 | 28.0  | 7.00                     | 8.40                     |
| MDCA1365-5R6M | 5.60                      |           | 12.5 | 23.0  | 8.50                     | 10.0                     |
| MDCA1365-6R8M | 6.80                      |           | 11.5 | 18.0  | 9.50                     | 11.5                     |
| MDCA1365-8R2M | 8.20                      |           | 10.5 | 16.0  | 12.0                     | 15.5                     |
| MDCA1365-100M | 10.0                      |           | 10.0 | 15.5  | 13.2                     | 16.5                     |
| MDCA1365-150M | 15.0                      |           | 9.0  | 13.0  | 23.2                     | 28.0                     |
| MDCA1365-220M | 22.0                      |           | 9.0  | 12.0  | 32.5                     | 37.0                     |
| MDCA1365-330M | 33.0                      |           | 8.0  | 11.0  | 48.0                     | 58.0                     |
| MDCA1365-470M | 47.0                      |           | 6.5  | 9.5   | 76.0                     | 90.0                     |
| MDCA1365-680M | 68.0                      |           | 4.8  | 7.8   |                          |                          |
| MDCA1365-101M |                           |           | 4.2  | 5.5   | 145                      | 165                      |



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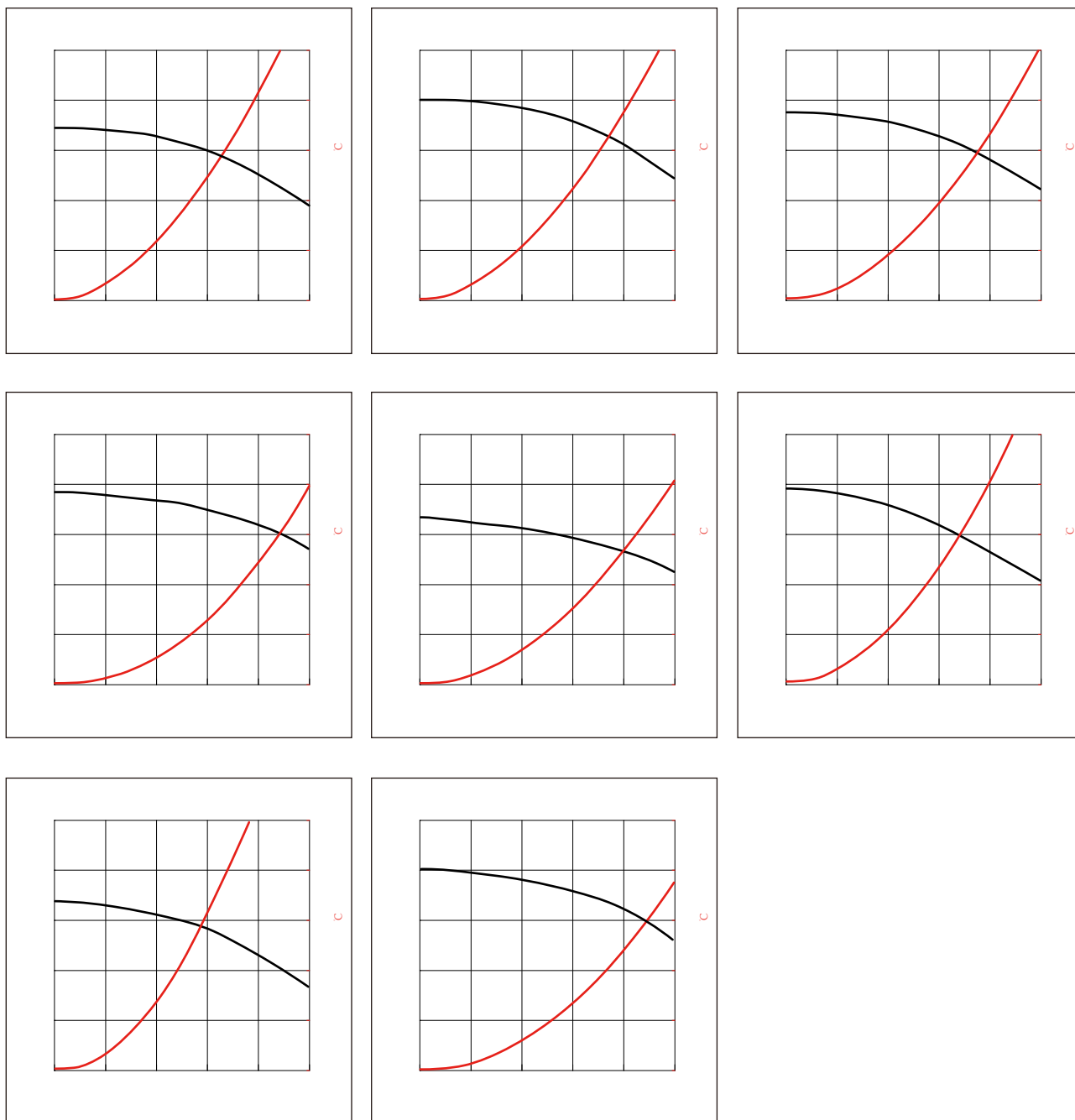
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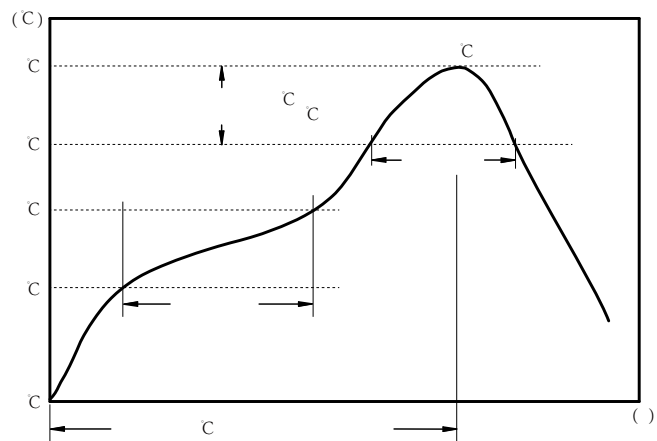
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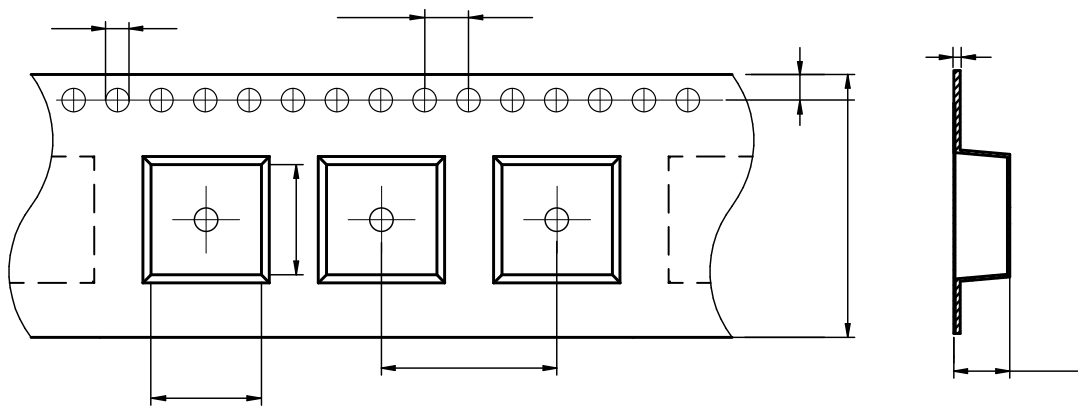
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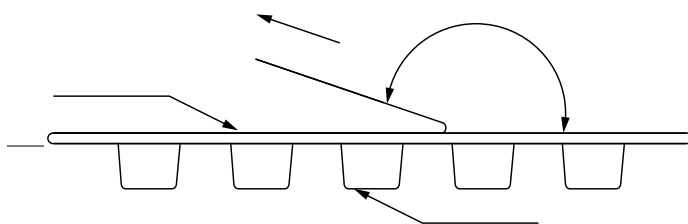




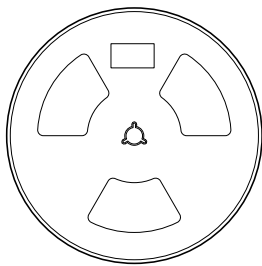
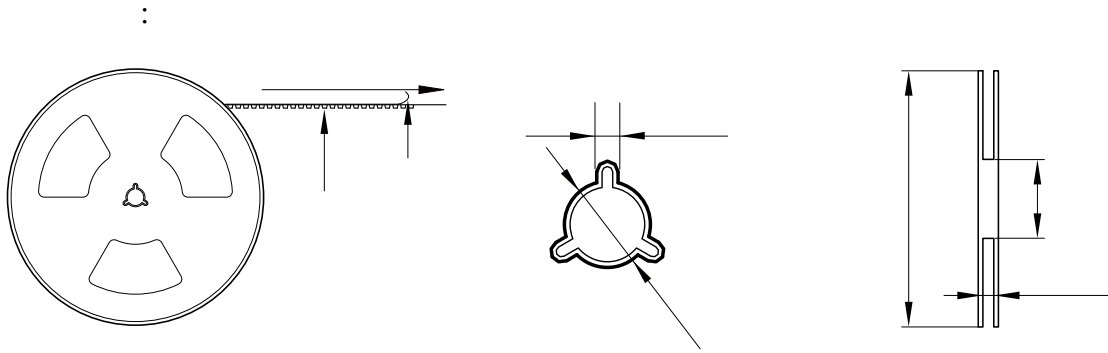
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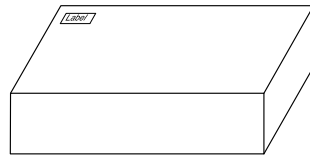
| MDCA1365 | 13.0 typ. | 14.0 typ. | $1.5 \pm 0.1$ | $4.0 \pm 0.1$ | $16.0 \pm 0.1$ | $24.0 \pm 0.3$ | 6.9 typ. | $1.75 \pm 0.1$ | 0.40 typ. |
|----------|-----------|-----------|---------------|---------------|----------------|----------------|----------|----------------|-----------|



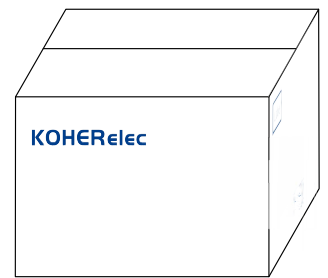
The peel force of top cover tape shall be between 0.1 to 1.3 N



500 Pcs/Reel



2 Reel /Inner box( 1000 Pcs)



2 Inner box/Carton box(2K Pcs)

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