

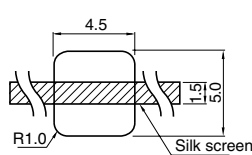
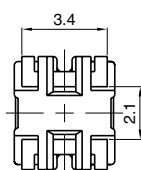
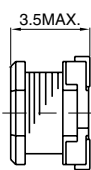
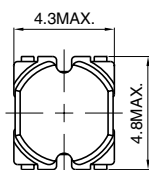
## UNSHIELDED TYPE

## CR43

## Dimensions (mm)

## LAND PATTERNS(mm)

## CONNECTION CONSTRUCTION



(BOTTOM VIEW)

(1.0μH – 68μH)

In order to prevent short-circuiting, a silk screen is recommended.

## ◆ TYPE CR43

| Parts No. | Inductance | D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A) | Parts No. | Inductance | D.C.R. (Ω) (Max) Typical / Rated D. C. Current (A) |
|-----------|------------|----------------------------------------------------|-----------|------------|----------------------------------------------------|
| 1R0       | 1.0μH      | 48.7m / 2.56                                       | 390       | 39μH       | 0.587 / 0.52                                       |
| 1R4       | 1.4μH      | 56.2m / 2.52                                       | 470       | 47μH       | 0.844 / 0.44                                       |
| 1R8       | 1.8μH      | 63.7m / 1.95                                       | 560       | 56μH       | 0.937 / 0.42                                       |
| 2R2       | 2.2μH      | 71.2m / 1.75                                       | 680       | 68μH       | 1.117 / 0.37                                       |
| 2R7       | 2.7μH      | 78.7m / 1.58                                       | 820       | 82μH       |                                                    |
| 3R3       | 3.3μH      | 86.2m / 1.44                                       | 101       | 100μH      |                                                    |
| 3R9       | 3.9μH      | 93.7m / 1.33                                       | 121       | 120μH      |                                                    |
| 4R7       | 4.7μH      | 108.7m / 1.15                                      | 151       | 150μH      |                                                    |
| 5R6       | 5.6μH      | 125.7m / 0.99                                      | 181       | 180μH      |                                                    |
| 6R8       | 6.8μH      | 131.2m / 0.95                                      | 221       | 220μH      |                                                    |
| 8R2       | 8.2μH      | 146.2m / 0.84                                      | 271       | 270μH      |                                                    |
| 100       | 10μH       | 0.182 / 1.04                                       | 331       | 330μH      |                                                    |
| 120       | 12μH       | 0.210 / 0.97                                       | 391       | 390μH      |                                                    |
| 150       | 15μH       | 0.235 / 0.85                                       | 471       | 470μH      |                                                    |
| 180       | 18μH       | 0.338 / 0.74                                       | 561       | 560μH      |                                                    |
| 220       | 22μH       | 0.378 / 0.68                                       | 681       | 680μH      |                                                    |
| 270       | 27μH       | 0.522 / 0.62                                       | 821       | 820μH      |                                                    |
| 330       | 33μH       | 0.540 / 0.56                                       |           |            |                                                    |

Measuring Freq. (L)

CR32 1.0μH – 8.2μH (7.96MHz), 10μH – 68μH (2.52MHz)

Tolerance of Inductance

CR32 1.0μH – 27μH ± 20%(M), 33μH – 68μH ± 10% (K)

Rated D.C. Current

This indicates the value of current when the inductance is 10% lower than its initial value at D.C. superimposition or D.C. current when at t=40°C, whichever is lower. (Ta=20°C)

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