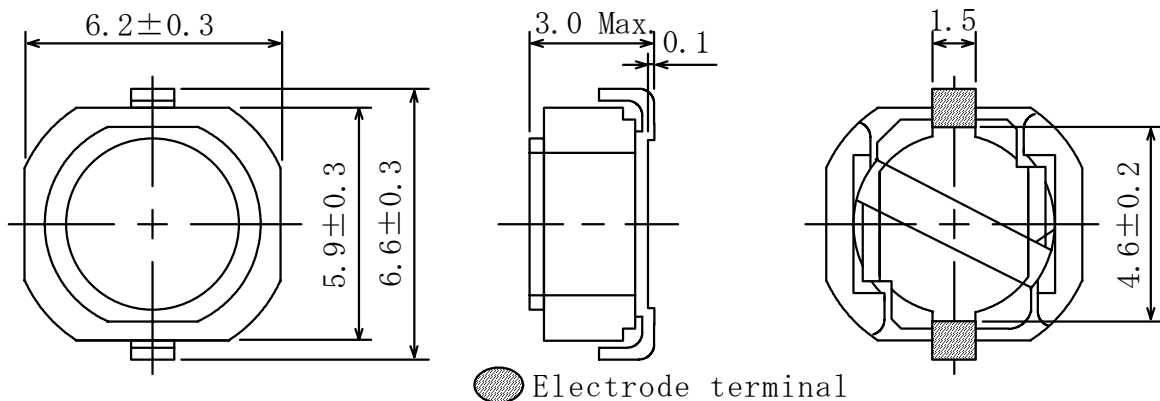
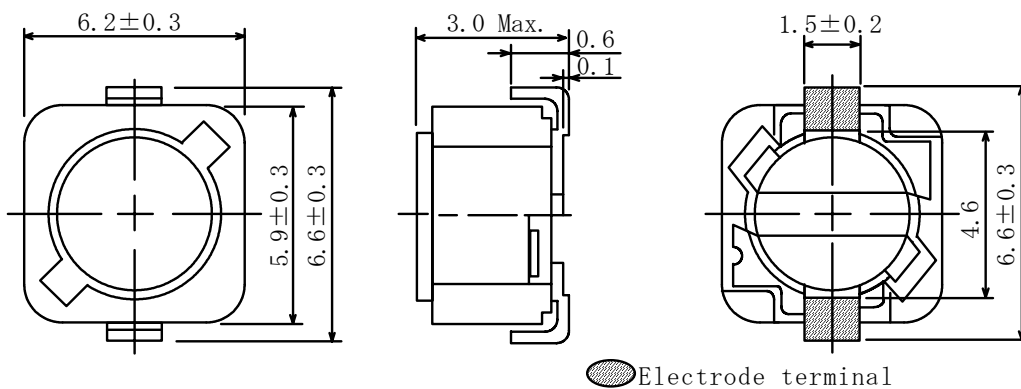


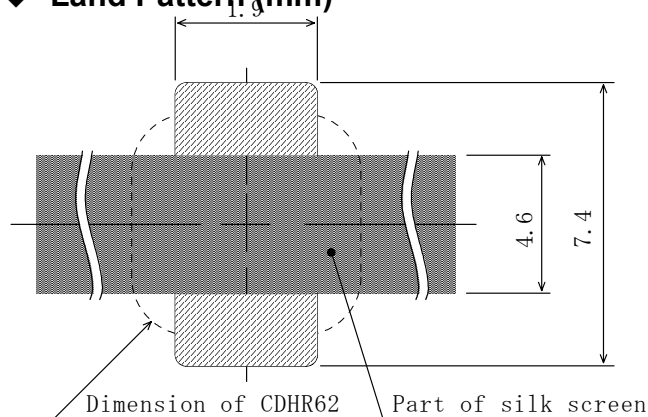
Type: CDRH62, CDRH62B
◆ Product Description

- 6.9×6.5mm Max.(L×W), 3.0mm Max. Height.
- Inductance Range:6.8~330 μ H(CDRH62); 2.9~330 μ H(CDRH62B).
- Rated current range:0.18~1.57A(CDRH62); 0.19~1.94A(CDRH62B).
- In addition to the standards versions shown here, custom inductors are also available to meet exact your requirements.


◆ Feature

- Magnetically shielded construction.
- Ideally used in Notebook PC, LCD TV, Game machine, HDD, DSC/DVC, etc as DC-DC Converter inductors.
- RoHS Compliance.

◆ Dimensions (mm)

CDRH62

CDRH62B

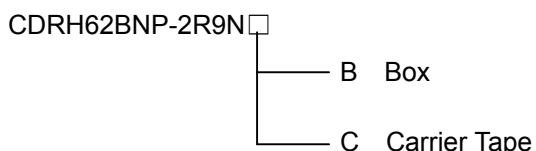
Type: CDRH62, CDRH62B
◆ Land Pattern (mm)

◆ Specification(CDRH62)

| Part Name ※ | Stamp | Inductance [Within] (μ H) | D.C.R.($m\Omega$) Max.(Typ.) (at 20°C) | Rated current (A) ※1 | Measuring frequency |
|----------------|-------|-----------------------------------|--|-------------------------|------------------------|
| CDRH62NP-6R8N□ | 6R8 | 6.8±25% | 0.12 | 1.57 | at 7.96MHz |
| CDRH62NP-8R2N□ | 8R2 | 8.2±25% | 0.13 | 1.38 | |
| CDRH62NP-100M□ | 100 | 10±20% | 0.17 | 1.28 | at 2.52MHz |
| CDRH62NP-120M□ | 120 | 12±20% | 0.18 | 1.19 | |
| CDRH62NP-150M□ | 150 | 15±20% | 0.26 | 0.97 | |
| CDRH62NP-180M□ | 180 | 18±20% | 0.30 | 0.94 | |
| CDRH62NP-220M□ | 220 | 22±20% | 0.38 | 0.81 | |
| CDRH62NP-270M□ | 270 | 27±20% | 0.43 | 0.71 | |
| CDRH62NP-330M□ | 330 | 33±20% | 0.48 | 0.64 | |
| CDRH62NP-390M□ | 390 | 39±20% | 0.69 | 0.59 | |
| CDRH62NP-470M□ | 470 | 47±20% | 0.77 | 0.54 | |
| CDRH62NP-560M□ | 560 | 56±20% | 0.85 | 0.52 | |
| CDRH62NP-680M□ | 680 | 68±20% | 1.21 | 0.49 | |
| CDRH62NP-820M□ | 820 | 82±20% | 1.42 | 0.41 | at 1 kHz |
| CDRH62NP-101M□ | 101 | 100±20% | 1.50 | 0.39 | |
| CDRH62NP-121M□ | 121 | 120±20% | 2.10 | 0.30 | |
| CDRH62NP-151M□ | 151 | 150±20% | 2.33 | 0.28 | |
| CDRH62NP-181M□ | 181 | 180±20% | 3.20 | 0.25 | |
| CDRH62NP-221M□ | 221 | 220±20% | 3.69 | 0.23 | |
| CDRH62NP-271M□ | 271 | 270±20% | 4.89 | 0.20 | |
| CDRH62NP-331M□ | 331 | 330±20% | 5.42 | 0.18 | |

※1 Rated current: The DC current at which the inductance decreases to 70% of it's nominal value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).

Type: CDRH62, CDRH62B
◆ Specification(CDRH62B)

| Part Name ※ | Stamp | Inductance [Within] (μH) ※1 | D.C.R.(Ω) Max.(Typ.) (at 20°C) | Rated current (A) ※1 | Measuring frequency | |
|-----------------|-------|-----------------------------------|--------------------------------------|-------------------------|------------------------|----------|
| CDRH62BNP-2R9N□ | 2R9 | 2.9+40% -20% | 68m (50m) | 1.94 | at 7.96MHz | |
| CDRH62BNP-4R0N□ | 4R0 | 4.0+40% -20% | 80m (59m) | 1.63 | | |
| CDRH62BNP-5R5N□ | 5R5 | 5.5+40% -20% | 96m (71m) | 1.40 | | |
| CDRH62BNP-6R3N□ | 6R3 | 6.3+40% -20% | 0.10 (77m) | 1.30 | | |
| CDRH62BNP-7R1N□ | 7R1 | 7.1+40% -20% | 0.11 (81m) | 1.22 | | |
| CDRH62BNP-8R0N□ | 8R0 | 8.0+40% -20% | 0.12 (87m) | 1.15 | | |
| CDRH62BNP-100M□ | 100 | 10±20% | 0.15 (0.11) | 1.10 | | at 1 kHz |
| CDRH62BNP-120M□ | 120 | 12±20% | 0.20 (0.15) | 1.00 | | |
| CDRH62BNP-150M□ | 150 | 15±20% | 0.23 (0.17) | 0.90 | | |
| CDRH62BNP-180M□ | 180 | 18±20% | 0.27 (0.20) | 0.80 | | |
| CDRH62BNP-220M□ | 220 | 22±20% | 0.34 (0.25) | 0.74 | | |
| CDRH62BNP-270M□ | 270 | 27±20% | 0.38 (0.29) | 0.66 | | |
| CDRH62BNP-330M□ | 330 | 33±20% | 0.45 (0.33) | 0.59 | | |
| CDRH62BNP-390M□ | 390 | 39±20% | 0.49 (0.37) | 0.54 | | |
| CDRH62BNP-470M□ | 470 | 47±20% | 0.69 (0.51) | 0.50 | | |
| CDRH62BNP-560M□ | 560 | 56±20% | 0.78 (0.58) | 0.46 | | |
| CDRH62BNP-680M□ | 680 | 68±20% | 1.07 (0.83) | 0.42 | | |
| CDRH62BNP-820M□ | 820 | 82±20% | 1.21 (0.93) | 0.38 | | |
| CDRH62BNP-101M□ | 101 | 100±20% | 1.39 (1.07) | 0.34 | | |
| CDRH62BNP-121M□ | 121 | 120±20% | 1.90 (1.46) | 0.31 | | |
| CDRH62BNP-151M□ | 151 | 150±20% | 2.18 (1.68) | 0.28 | | |
| CDRH62BNP-181M□ | 181 | 180±20% | 2.77 (2.13) | 0.26 | | |
| CDRH62BNP-221M□ | 221 | 220±20% | 3.12 (2.40) | 0.23 | | |
| CDRH62BNP-271M□ | 271 | 270±20% | 4.38 (3.37) | 0.22 | | |
| CDRH62BNP-331M□ | 331 | 330±20% | 4.94 (3.80) | 0.19 | | |

※ Description of part name


※1 Rated current: The DC current at which the inductance decreases to 75% of it's nominal value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).