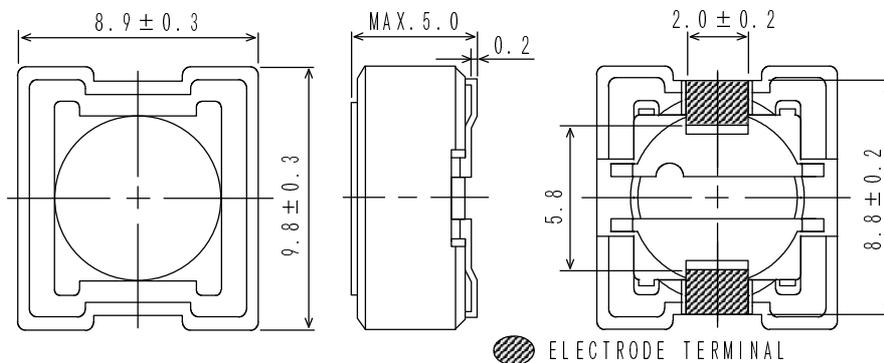
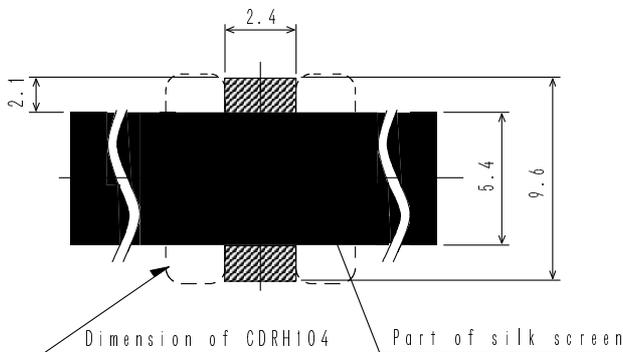
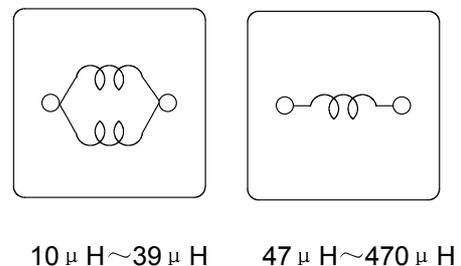


Type: CDRH104
◆ Product Description

- 10.1×9.2mm Max.(L×W), 5.0mm Max. Height.
- Inductance range: 10~470 μ H.
- Rated current range: 0.36~2.4A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

- Magnetically shielded construction.
- Storage temperature range: -40°C~+100°C.
- Operating temperature range: -40°C~+100°C (Including coil's self temperature rise).
- Ideally used in Notebook PC, LCD TV,DVD, Game machine, STB ,Projector etc as DC-DC converter inductors.

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Schematics (Bottom)

◆ Specification

Type: CDRH104

| Part Name ※ | Stamp | Inductance (μ H) 1kHz/1V | D.C.R.(Ω) Max.(Typ.) (at 20°C) | Rated Current (A) ※2 |
|-----------------|-------|-------------------------------------|---|-------------------------|
| CDRH104NP-100M□ | 100 | 10 \pm 20% | 50m(37m) | 2.40 |
| CDRH104NP-120M□ | 120 | 12 \pm 20% | 54m(40m) | 2.25 |
| CDRH104NP-150M□ | 150 | 15 \pm 20% | 61m(45m) | 2.00 |
| CDRH104NP-180M□ | 180 | 18 \pm 20% | 84m(63m) | 1.80 |
| CDRH104NP-220M□ | 220 | 22 \pm 20% | 94m(69m) | 1.65 |
| CDRH104NP-270M□ | 270 | 27 \pm 20% | 0.11(82m) | 1.45 |
| CDRH104NP-330M□ | 330 | 33 \pm 20% | 0.15(0.11) | 1.35 |
| CDRH104NP-390M□ | 390 | 39 \pm 20% | 0.17(0.13) | 1.20 |
| CDRH104NP-470M□ | 470 | 47 \pm 20% | 0.21(0.15) | 1.10 |
| CDRH104NP-560M□ | 560 | 56 \pm 20% | 0.23(0.17) | 1.00 |
| CDRH104NP-680M□ | 680 | 68 \pm 20% | 0.26(0.20) | 0.93 |
| CDRH104NP-820M□ | 820 | 82 \pm 20% | 0.36(0.27) | 0.84 |
| CDRH104NP-101M□ | 101 | 100 \pm 20% | 0.41(0.30) | 0.76 |
| CDRH104NP-121M□ | 121 | 120 \pm 20% | 0.45(0.34) | 0.70 |
| CDRH104NP-151M□ | 151 | 150 \pm 20% | 0.64(0.47) | 0.63 |
| CDRH104NP-181M□ | 181 | 180 \pm 20% | 0.84(0.62) | 0.57 |
| CDRH104NP-221M□ | 221 | 220 \pm 20% | 0.96(0.71) | 0.52 |
| CDRH104NP-271M□ | 271 | 270 \pm 20% | 1.07(0.79) | 0.47 |
| CDRH104NP-331M□ | 331 | 330 \pm 20% | 1.37(1.05) | 0.43 |
| CDRH104NP-391M□ | 391 | 390 \pm 20% | 1.55(1.19) | 0.39 |
| CDRH104NP-471M□ | 471 | 470 \pm 20% | 1.74(1.34) | 0.36 |

※ Description of part name

CDRH104NP-100M□

- B Box
- C Carrier Tape

※ 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($T_a=20^{\circ}\text{C}$).