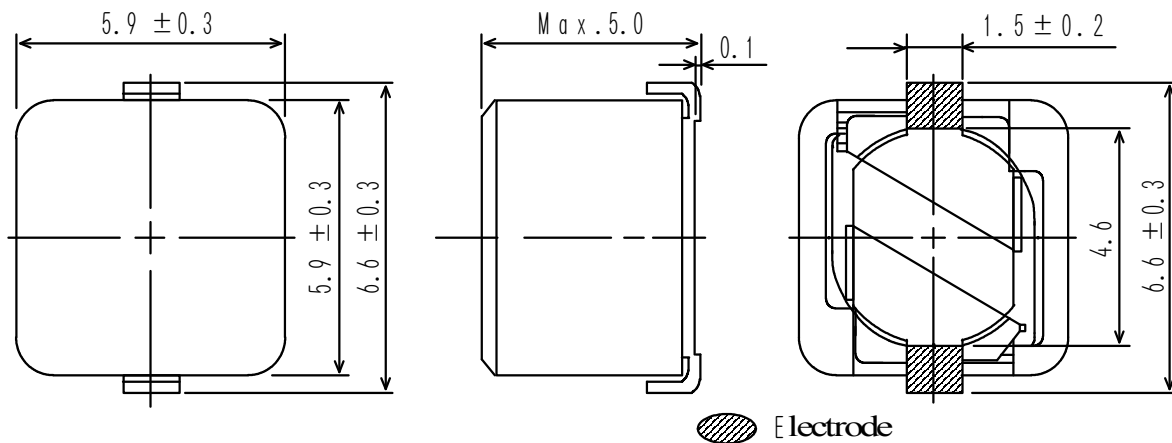
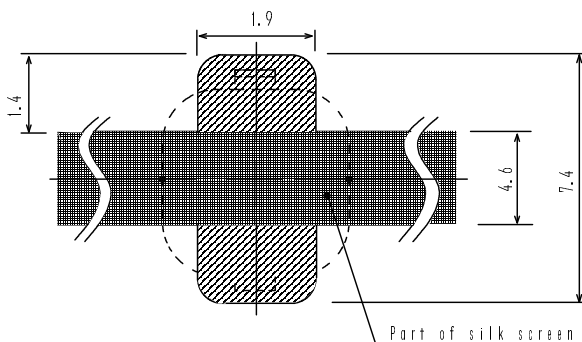


Type: CDPH64
◆ Product Description

- 6.9×6.2mm Max. (L×W), 5.0mm Max. height
- Inductance range: 10~390μH.
- Rated current range: 0.2~1.32A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirement.


◆ 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, DVD, LCD TV, Game machine, STB etc as DC-DC converter inductors.
- RoHS compliance.

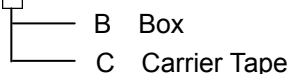
◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDPH64
◆ Specification

Part Name ※	Stamp	Inductance (μ H) 1kHz/1V	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Rated Current (A) ※1
CDPH64NP-100N□	100	+25% 10-20%	0.12(89m)	1.32
CDPH64NP-120N□	120	+25% 12-20%	0.13(98m)	1.16
CDPH64NP-150N□	150	+25% 15-20%	0.14(0.11)	1.09
CDPH64NP-180N□	180	+25% 18-20%	0.15(0.12)	1.00
CDPH64NP-220N□	220	+25% 22-20%	0.18(0.14)	0.92
CDPH64NP-270N□	270	+25% 27-20%	0.24(0.18)	0.82
CDPH64NP-330N□	330	+25% 33-20%	0.27(0.21)	0.73
CDPH64NP-390N□	390	+25% 39-20%	0.31(0.24)	0.67
CDPH64NP-470N□	470	+25% 47-20%	0.38(0.29)	0.61
CDPH64NP-560N□	560	+25% 56-20%	0.44(0.34)	0.58
CDPH64NP-680N□	680	+25% 68-20%	0.49(0.37)	0.50
CDPH64NP-820N□	820	+25% 82-20%	0.59(0.45)	0.46
CDPH64NP-101N□	101	+25% 100-20%	0.66(0.51)	0.38
CDPH64NP-121N□	121	+25% 120-20%	0.73(0.56)	0.37
CDPH64NP-151N□	151	+25% 150-20%	1.27(0.98)	0.34
CDPH64NP-181N□	181	+25% 180-20%	1.42(1.09)	0.30
CDPH64NP-221N□	221	+25% 220-20%	1.52(1.17)	0.27
CDPH64NP-271N□	271	+25% 270-20%	2.30(1.77)	0.25
CDPH64NP-331N□	331	+25% 330-20%	2.62(2.02)	0.22
CDPH64NP-391N□	391	+25% 390-20%	2.88(2.21)	0.20

※ Description of part name

CDPH64NP-100N□



※1. Rated current: The DC current at which the inductance decreases to 75% of its nominal value or when $\Delta t=40^\circ\text{C}$, whichever is lower ($T_a=20^\circ\text{C}$).