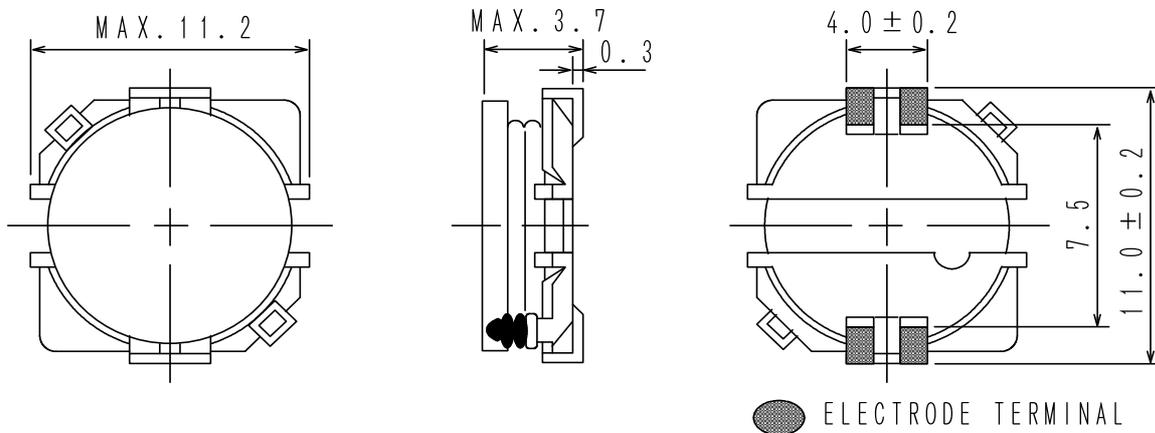
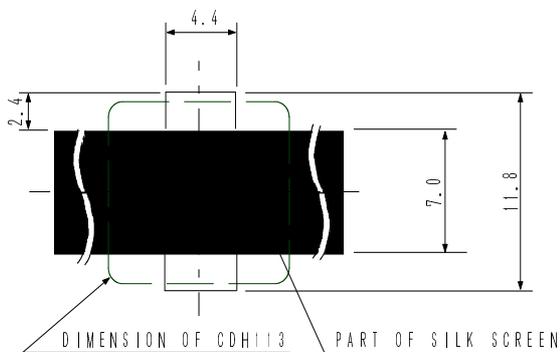


**Type: CDH113**
**◆ Product Description**

- 11.2×11.2mm Max.(L×W),3.7mm Max. Height.
- Inductance range: 10~470 μ H.
- Rated current range: 0.29~2.0A.
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


**◆ Feature**

- Magnetically unshielded construction.
- Storage temperature range: -30°C~+100°C.
- Operating temperature range: -30°C~+100°C (Including coil's self temperature rise).
- Ideally used in Notebook PC ,DVD, LCD TV ,Game machine, Projector etc as DC-DC converter inductors.
- RoHS compliance.

**◆ Dimensions (mm)**

**◆ Land Pattern (mm)**


**Type: CDH113**
**◆ Specification**

Part Name ※	Stamp	Inductance ( $\mu$ H) 1 kHz	D.C.R. ( $\Omega$ ) Max. (Typ.) (at 20°C)	Rated Current (A) ※1
CDH113NP-100M□	100	10±20%	47m(36m)	2.00
CDH113NP-120M□	120	12±20%	56m(43m)	1.80
CDH113NP-150M□	150	15±20%	72m(56m)	1.55
CDH113NP-180M□	180	18±20%	78m(60m)	1.45
CDH113NP-220M□	220	22±20%	98m(75m)	1.25
CDH113NP-270L□	270	27±15%	0.11(87m)	1.16
CDH113NP-330L□	330	33±15%	0.15(0.11)	1.05
CDH113NP-390L□	390	39±15%	0.17(0.13)	0.97
CDH113NP-470L□	470	47±15%	0.22(0.17)	0.91
CDH113NP-560K□	560	56±10%	0.24(0.19)	0.80
CDH113NP-680K□	680	68±10%	0.28(0.21)	0.76
CDH113NP-820K□	820	82±10%	0.38(0.29)	0.66
CDH113NP-101K□	101	100±10%	0.43(0.33)	0.61
CDH113NP-121K□	121	120±10%	0.49(0.38)	0.56
CDH113NP-151K□	151	150±10%	0.61(0.47)	0.49
CDH113NP-181K□	181	180±10%	0.75(0.58)	0.45
CDH113NP-221K□	221	220±10%	0.90(0.69)	0.43
CDH113NP-271K□	271	270±10%	1.13(0.87)	0.37
CDH113NP-331K□	331	330±10%	1.28(1.02)	0.34
CDH113NP-391K□	391	390±10%	1.60(1.28)	0.31
CDH113NP-471K□	471	470±10%	1.88(1.50)	0.29

**※ Description of part name**

CDH113NP-100M□

- B Box
- C Carrier Tape

※1. Rated current: The DC current at which the inductance decreases to 90% of its initial value or when  $\Delta t=40^{\circ}\text{C}$ , whichever is lower ( $T_a=20^{\circ}\text{C}$ ).