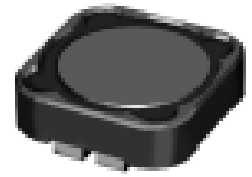
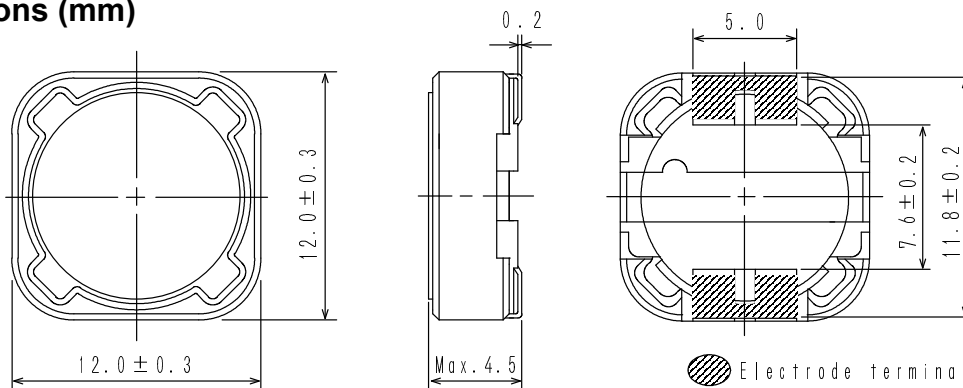
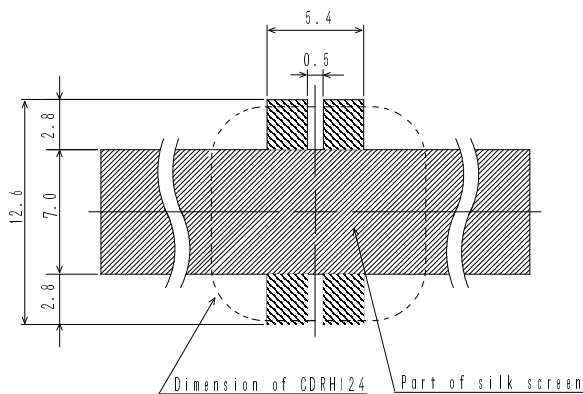


Type: CDRH124
◆ Product Description

- 12.3×12.3mm Max.(L×W), 4.5mm Max. Height.
- Inductance range: 3.9~330 μH.
- Rated current range: 0.5~6.5A.
- In addition to the standard versions of inductors shown here, custom inductors are 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.
- RoHS compliance and Halogen Free.

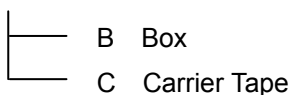
◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Specification

Type: CDRH124

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (m Ω) Max(at 20°C)	Rated current (A) ※1
CDRH124NP-3R9M□	3R9	3.9 \pm 20%	15(12)	6.5
CDRH124NP-4R7M□	4R7	4.7 \pm 20%	18(14)	5.7
CDRH124NP-6R8M□	6R8	6.8 \pm 20%	23(18)	4.9
CDRH124NP-8R2M□	8R2	8.2 \pm 20%	26(21)	4.6
CDRH124NP-100M□	100	10 \pm 20%	28(22)	4.5
CDRH124NP-120M□	120	12 \pm 20%	38(30)	4.0
CDRH124NP-150M□	150	15 \pm 20%	50(40)	3.2
CDRH124NP-180M□	180	18 \pm 20%	57(46)	3.1
CDRH124NP-220M□	220	22 \pm 20%	66(53)	2.9
CDRH124NP-270M□	270	27 \pm 20%	80(64)	2.8
CDRH124NP-330M□	330	33 \pm 20%	97(78)	2.7
CDRH124NP-390M□	390	39 \pm 20%	132(106)	2.1
CDRH124NP-470M□	470	47 \pm 20%	150(120)	1.9
CDRH124NP-560M□	560	56 \pm 20%	190(152)	1.8
CDRH124NP-680M□	680	68 \pm 20%	220(176)	1.5
CDRH124NP-820M□	820	82 \pm 20%	260(208)	1.3
CDRH124NP-101M□	101	100 \pm 20%	308(246)	1.2
CDRH124NP-121M□	121	120 \pm 20%	380(304)	1.1
CDRH124NP-151M□	151	150 \pm 20%	530(424)	0.95
CDRH124NP-181M□	181	180 \pm 20%	620(496)	0.85
CDRH124NP-221M□	221	220 \pm 20%	700(560)	0.8
CDRH124NP-271M□	271	270 \pm 20%	870(696)	0.6
CDRH124NP-331M□	331	330 \pm 20%	990(792)	0.5

※ Description of part name

CDRH124NP-3R9M□



※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($T_a=20^{\circ}\text{C}$).