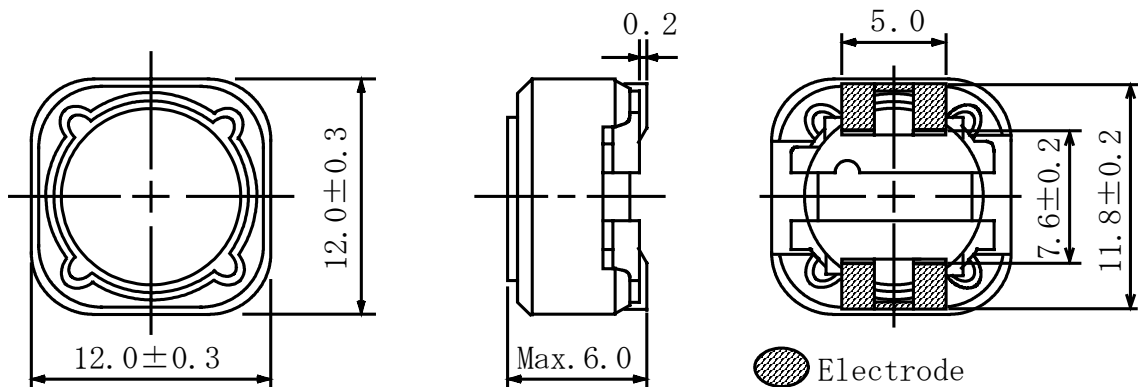
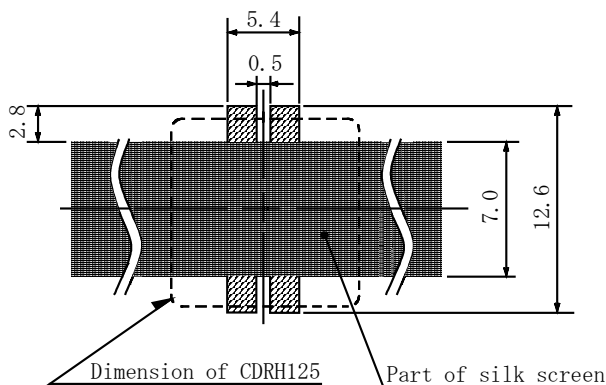


Type: CDRH125
◆ Product Description

- 12.3×12.3mm Max.(L×W), 6.0mm Max. Height.
- Inductance Range: 1.3 μH~1.0mH
- Rated current range: 0.4~8.0A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


◆ Feature

- Magnetically shielded construction.
- Ideally used in Notebook PC, LCD TV, DVD, Game machine, STB, Projector etc as DC-DC Converter inductors.
- RoHS Compliance

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH125
◆ Specification

Part Name ※	Stamp	Inductance [Within]	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Rated Current (A)※1	Measuring frequency
CDRH125NP-1R3N□	1R3	1.3 μ H +30% -20%	12m(9m)	8.00	at 7.96MHz
CDRH125NP-2R1N□	2R1	2.1 μ H +30% -20%	14m(11m)	7.00	at 7.96MHz
CDRH125NP-3R1N□	3R1	3.1 μ H +30% -20%	17m(13m)	6.00	at 7.96MHz
CDRH125NP-4R4N□	4R4	4.4 μ H +30% -20%	20m(16m)	5.00	at 7.96MHz
CDRH125NP-5R8N□	5R8	5.8 μ H +30% -20%	21m(17m)	4.40	at 7.96MHz
CDRH125NP-7R5N□	7R5	7.5 μ H +30% -20%	24m(19m)	4.20	at 7.96MHz
CDRH125NP-10 \emptyset M□	100	10 μ H \pm 20%	25m(19m)	4.00	at 1KHz
CDRH125NP-12 \emptyset M□	120	12 μ H \pm 20%	27m(21m)	3.50	at 1KHz
CDRH125NP-10 \emptyset M□	100	10 μ H \pm 20%	25m(19m)	4.00	at 1KHz
CDRH125NP-12 \emptyset M□	120	12 μ H \pm 20%	27m(21m)	3.50	at 1KHz
CDRH125NP-15 \emptyset M□	150	15 μ H \pm 20%	30m(23m)	3.30	at 1KHz
CDRH125NP-18 \emptyset M□	180	18 μ H \pm 20%	34m(26m)	3.00	at 1KHz
CDRH125NP-22 \emptyset M□	220	22 μ H \pm 20%	36m(28m)	2.80	at 1KHz
CDRH125NP-27 \emptyset M□	270	27 μ H \pm 20%	51m(39m)	2.30	at 1KHz
CDRH125NP-33 \emptyset M□	330	33 μ H \pm 20%	57m(44m)	2.10	at 1KHz
CDRH125NP-39 \emptyset M□	390	39 μ H \pm 20%	68m(52m)	2.00	at 1KHz
CDRH125NP-47 \emptyset M□	470	47 μ H \pm 20%	75m(58m)	1.80	at 1KHz
CDRH125NP-56 \emptyset M□	560	56 μ H \pm 20%	0.11(84m)	1.70	at 1KHz
CDRH125NP-68 \emptyset M□	680	68 μ H \pm 20%	0.12(93m)	1.50	at 1KHz
CDRH125NP-82 \emptyset M□	820	82 μ H \pm 20%	0.14(0.11)	1.40	at 1KHz
CDRH125NP-101M□	101	100 μ H \pm 20%	0.16(0.12)	1.30	at 1KHz

Type: CDRH125

Part Name ※	Stamp	Inductance [Within]	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Rated Current (A)※1	Measuring frequency
CDRH125NP-121M□	121	120 μH ± 20%	0.17(0.13)	1.10	at 1KHz
CDRH125NP-151M□	151	150 μH ± 20%	0.23(0.18)	1.00	at 1KHz
CDRH125NP-181M□	181	180 μH ± 20%	0.29(0.22)	0.90	at 1KHz
CDRH125NP-221M□	221	220 μH ± 20%	0.40(0.31)	0.80	at 1KHz
CDRH125NP-271M□	271	270 μH ± 20%	0.46(0.35)	0.75	at 1KHz
CDRH125NP-331M□	331	330 μH ± 20%	0.51(0.39)	0.68	at 1KHz
CDRH125NP-391M□	391	390 μH ± 20%	0.69(0.53)	0.65	at 1KHz
CDRH125NP-471M□	471	470 μH ± 20%	0.77(0.59)	0.58	at 1KHz
CDRH125NP-561M□	561	560 μH ± 20%	0.86(0.66)	0.54	at 1KHz
CDRH125NP-681M□	681	680 μH ± 20%	1.20(0.92)	0.48	at 1KHz
CDRH125NP-821M□	821	820 μH ± 20%	1.34(1.03)	0.43	at 1KHz
CDRH125NP-1Ø2M□	102	1.0mH ± 20%	1.53(1.18)	0.40	at 1KHz

※ Description of part name

CDRH125NP-1ØØM□

- B Box
- C Carrier Tape

※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 ($T_a=20^{\circ}\text{C}$).