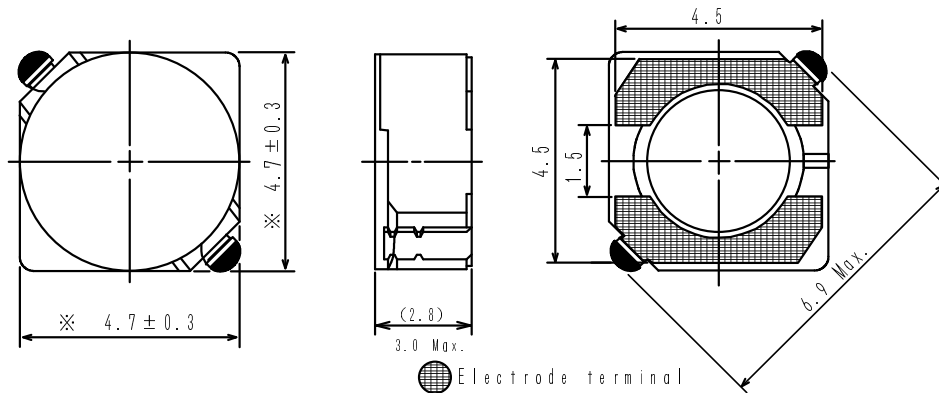
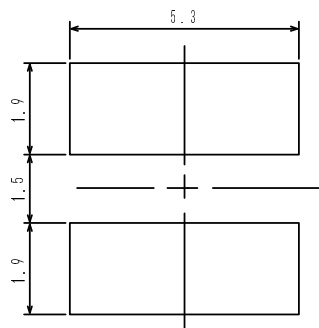


Type: CDRH4D28
◆ Product Description

- 5.0×5.0mm Max.(L×W), 3.0mm Max. Height.
- Inductance range: 1.2~180μH.
- Rated current range: 0.22~2.56A.
- 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 Mobile phone, PDA, MP3, HDD, DSC/DVC, Note book PC, etc as DC-DC converter inductors.
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH4D28
◆ Specification

Part No. ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Rated Current (A) ※1
CDRH4D28NP-1R2N□	1R2	1.2 \pm 30%	23.6m(17.5m)	2.56
CDRH4D28NP-1R8N□	1R8	1.8 \pm 30%	27.5m(20.4m)	2.20
CDRH4D28NP-2R2N□	2R2	2.2 \pm 30%	31.3m(23.2m)	2.04
CDRH4D28NP-2R7N□	2R7	2.7 \pm 30%	43.3m(32.1m)	1.60
CDRH4D28NP-3R3N□	3R3	3.3 \pm 30%	49.2m(36.4m)	1.57
CDRH4D28NP-3R9N□	3R9	3.9 \pm 30%	64.8m(48.0m)	1.44
CDRH4D28NP-4R7N□	4R7	4.7 \pm 30%	72.0m(53.3m)	1.32
CDRH4D28NP-5R6N□	5R6	5.6 \pm 30%	100.9m(74.7m)	1.17
CDRH4D28NP-6R8N□	6R8	6.8 \pm 30%	108.9m(80.7m)	1.12
CDRH4D28NP-8R2N□	8R2	8.2 \pm 30%	117.5m(87.0m)	1.04
CDRH4D28NP-100N□	100	10 \pm 30%	128.3m(95.0m)	1.00
CDRH4D28NP-120N□	120	12 \pm 30%	131.6m(97.5m)	0.84
CDRH4D28NP-150N□	150	15 \pm 30%	149.0m(110.4m)	0.76
CDRH4D28NP-180N□	180	18 \pm 30%	166.0m(123.0m)	0.72
CDRH4D28NP-220N□	220	22 \pm 30%	235.0m(174.5m)	0.70
CDRH4D28NP-270N□	270	27 \pm 30%	261.0m(193.3m)	0.58
CDRH4D28NP-330N□	330	33 \pm 30%	331.3m(254.8m)	0.56
CDRH4D28NP-390N□	390	39 \pm 30%	383.7m(284.2m)	0.50
CDRH4D28NP-470N□	470	47 \pm 30%	587.0m(435.0m)	0.48
CDRH4D28NP-560N□	560	56 \pm 30%	624.5m(462.6m)	0.41
CDRH4D28NP-680N□	680	68 \pm 30%	699.0m(517.8m)	0.35
CDRH4D28NP-820N□	820	82 \pm 30%	914.8m(677.6m)	0.32
CDRH4D28NP-101N□	101	100 \pm 30%	1.02(765.8m)	0.29
CDRH4D28NP-121N□	121	120 \pm 30%	1.27(976.8m)	0.27
CDRH4D28NP-151N□	151	150 \pm 30%	1.35(1.08)	0.24
CDRH4D28NP-181N□	181	180 \pm 30%	1.54(1.23)	0.22

※ Description of part name

CDRH4D28NP-1R0P□

- B Box
- C Carrier Tape

※1. Rated current: The DC current at which the inductance decreases to 65% of its nominal value or when $\Delta t=40^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).