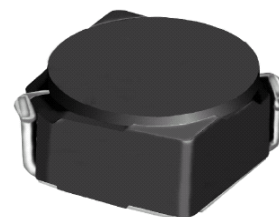
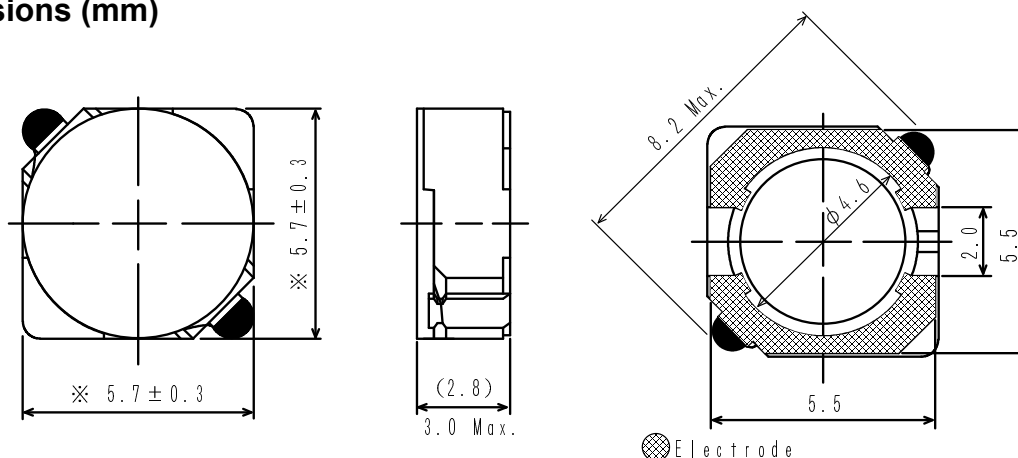
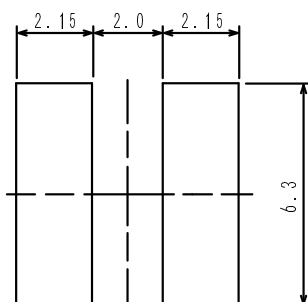


Type: CDRH5D28
◆ Product Description

- 6.0×6.0mm Max.(L×W), 3.0mm Max. Height.
- Inductance range: 2.5~100 μ H.
- Rated current range: 0.42~2.6A.
- 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 Notebook PC, HDD, DSC/DVC, LCD TV, Game machine etc as DC-DC converter inductors.
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH5D28
◆ Specification

Part Name ※	Stamp	Inductance (μ H) 10kHz/1V	D.C.R. (Ω) [Max.] (Typ.) (at 20°C)	Rated Current (A) ※1
CDRH5D28NP-2R5N□	2R5	$2.5 \pm 30\%$	18m (13m)	2.60
CDRH5D28NP-3R0N□	3R0	$3.0 \pm 30\%$	24m (18m)	2.40
CDRH5D28NP-4R2N□	4R2	$4.2 \pm 30\%$	31m (23m)	2.20
CDRH5D28NP-5R3N□	5R3	$5.3 \pm 30\%$	38m (28m)	1.90
CDRH5D28NP-6R2N□	6R2	$6.2 \pm 30\%$	45m (33m)	1.80
CDRH5D28NP-8R2N□	8R2	$8.2 \pm 30\%$	53m (39m)	1.60
CDRH5D28NP-100N□	100	$10 \pm 30\%$	65m (48m)	1.30
CDRH5D28NP-120N□	120	$12 \pm 30\%$	76m (56m)	1.20
CDRH5D28NP-150N□	150	$15 \pm 30\%$	103m (76m)	1.10
CDRH5D28NP-180N□	180	$18 \pm 30\%$	110m (82m)	1.00
CDRH5D28NP-220N□	220	$22 \pm 30\%$	122m (90m)	0.90
CDRH5D28NP-270N□	270	$27 \pm 30\%$	175m(130m)	0.85
CDRH5D28NP-330N□	330	$33 \pm 30\%$	189m(140m)	0.75
CDRH5D28NP-390N□	390	$39 \pm 30\%$	212m(157m)	0.70
CDRH5D28NP-470N□	470	$47 \pm 30\%$	250m(185m)	0.62
CDRH5D28NP-560N□	560	$56 \pm 30\%$	305m(226m)	0.58
CDRH5D28NP-680N□	680	$68 \pm 30\%$	355m(263m)	0.52
CDRH5D28NP-820N□	820	$82 \pm 30\%$	463m(343m)	0.46
CDRH5D28NP-101N□	101	$100 \pm 30\%$	520m(385m)	0.42

※ Description of part name

CDRH5D28NP-2R5N□

— B Box
 — C Carrier Tape

※1. Rated current: The DC current at which the inductance decreases to 65% of it's nominal value or when $\Delta t=30^{\circ}\text{C}$, whichever is lower($T_a=20^{\circ}\text{C}$).