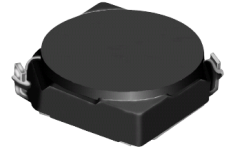
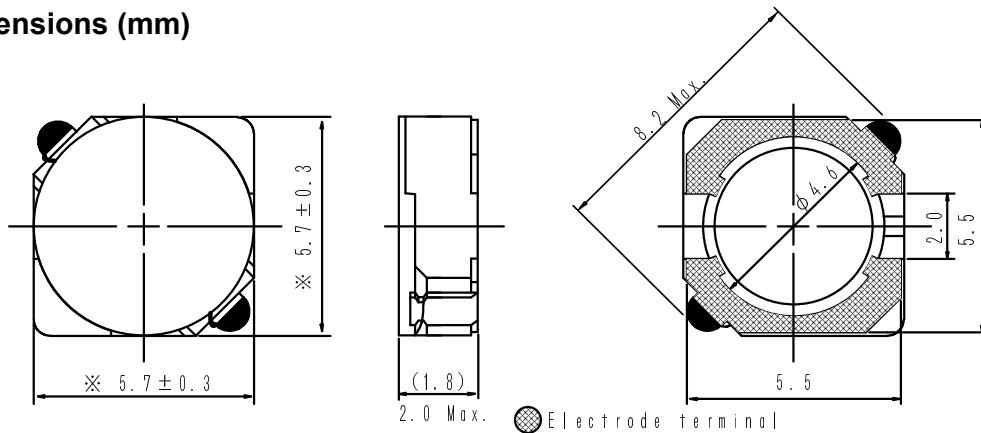
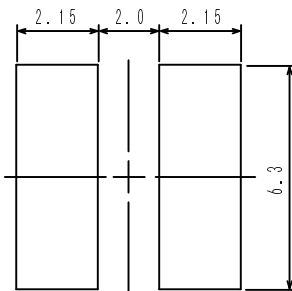


Type: CDRH5D18
◆ Product Description

- 6.0×6.0mm Max.(L×W) 2.0mm Max. Height.
- Inductance range: 4.1~100 μ H.
- Rated current range: 0.36~1.95A.
- 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 Mobile phone, MP3, PDA,HDD, DSC/DVC, Game machine, etc as DC-DC converter inductors.
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)


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Type: CDRH5D18
◆ Specification

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (Ω) [Max.] (Typ.) (at 20°C)	Rated Current (A) ※1
CDRH5D18NP-4R1N□	4R1	4.1 ± 30%	57m (42m)	1.95
CDRH5D18NP-5R4N□	5R4	5.4 ± 30%	76m (56m)	1.60
CDRH5D18NP-6R2N□	6R2	6.2 ± 30%	96m (71m)	1.40
CDRH5D18NP-8R9N□	8R9	8.9 ± 30%	116m (86m)	1.25
CDRH5D18NP-100N□	100	10 ± 30%	124m (92m)	1.20
CDRH5D18NP-120N□	120	12 ± 30%	153m (113m)	1.10
CDRH5D18NP-150N□	150	15 ± 30%	196m (145m)	0.97
CDRH5D18NP-180N□	180	18 ± 30%	210m (155m)	0.85
CDRH5D18NP-220N□	220	22 ± 30%	290m (215m)	0.80
CDRH5D18NP-270N□	270	27 ± 30%	330m (245m)	0.75
CDRH5D18NP-330N□	330	33 ± 30%	385m (285m)	0.65
CDRH5D18NP-390N□	390	39 ± 30%	520m (385m)	0.57
CDRH5D18NP-470N□	470	47 ± 30%	595m (440m)	0.54
CDRH5D18NP-560N□	560	56 ± 30%	665m (493m)	0.50
CDRH5D18NP-680N□	680	68 ± 30%	840m (622m)	0.43
CDRH5D18NP-820N□	820	82 ± 30%	978m (725m)	0.41
CDRH5D18NP-101N□	101	100 ± 30%	1.2 (895m)	0.36

※ Description of part name

CDRH5D18NP-4R1N□

- B Box
- C Carrier Tape

※1. Rated current: The DC current at which the inductance decreases to 65% of its nominal value or when $\Delta t=30^{\circ}\text{C}$, whichever is lower ($T_a=20^{\circ}\text{C}$).

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