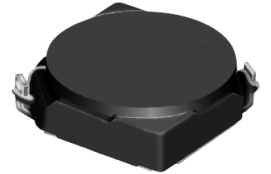
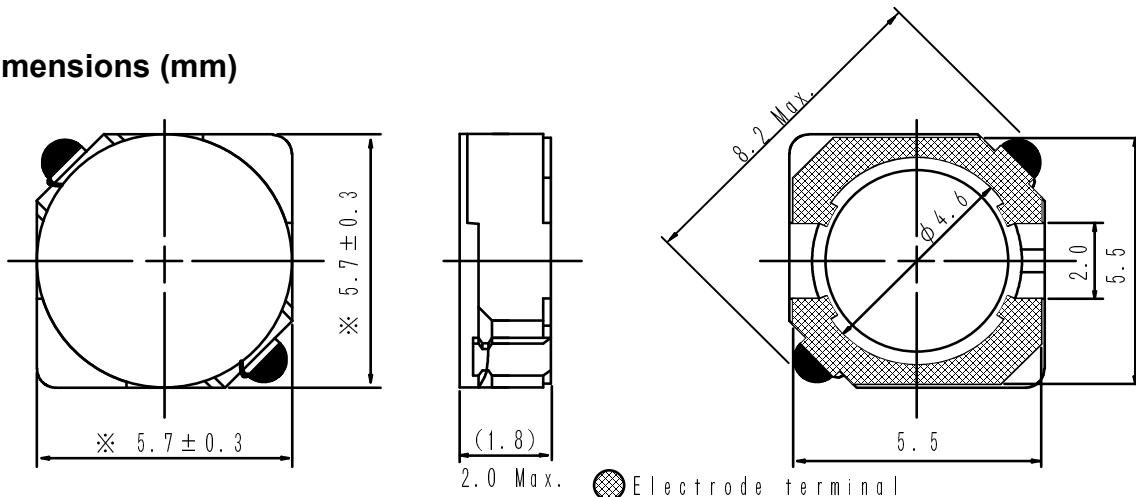
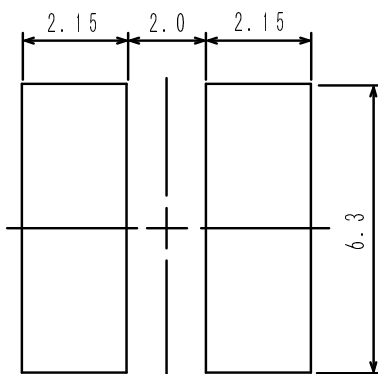


**Type: CDRH5D18/E**
**◆ Product Description**

- 6.0×6.0mm Max. (L×W) 2.0mm Max. height.
- Inductance range: 2.2~100  $\mu$  H.
- Rated current range: 0.36~2.4A.
- Custom design is available.


**◆ 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)**


**Type: CDRH5D18/E**
**◆ Specification**

Part Name ※	Stamp	Inductance ( $\mu$ H) 100kHz/1V	D.C.R. ( $\Omega$ ) [Max.] (Typ.) (20°C)	Rated Current (A) ※1
CDRH5D18EHF-2R2N□	2R2	2.2±30%	37m(27m)	2.40
CDRH5D18EHF-3R3N□	3R3	3.3±30%	47m(35m)	2.00
CDRH5D18EHF-4R7N□	4R7	4.7±30%	57m(42m)	1.95
CDRH5D18EHF-5R6N□	5R6	5.6±30%	76m(56m)	1.60
CDRH5D18EHF-6R8N□	6R8	6.8±30%	96m(71m)	1.40
CDRH5D18EHF-8R2N□	8R2	8.2±30%	116m(86m)	1.25
CDRH5D18EHF-100N□	100	10±30%	124m(92m)	1.20
CDRH5D18EHF-120N□	120	12±30%	153m(113m)	1.10
CDRH5D18EHF-150N□	150	15±30%	196m(145m)	0.97
CDRH5D18EHF-180N□	180	18±30%	210m(155m)	0.85
CDRH5D18EHF-220N□	220	22±30%	290m(215m)	0.80
CDRH5D18EHF-270N□	270	27±30%	330m(245m)	0.75
CDRH5D18EHF-330N□	330	33±30%	385m(285m)	0.65
CDRH5D18EHF-390N□	390	39±30%	520m(385m)	0.57
CDRH5D18EHF-470N□	470	47±30%	595m(440m)	0.54
CDRH5D18EHF-560N□	560	56±30%	665m(493m)	0.50
CDRH5D18EHF-680N□	680	68±30%	840m(622m)	0.43
CDRH5D18EHF-820N□	820	82±30%	978m(725m)	0.41
CDRH5D18EHF-101N□	101	100±30%	1.2(895m)	0.36

**※ Description of part name**

CDRH5D18EHF-2R2N□

- 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 ( $T_a=20^{\circ}\text{C}$ ).