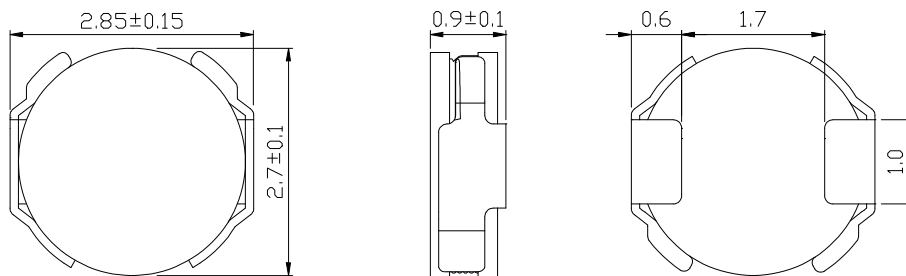
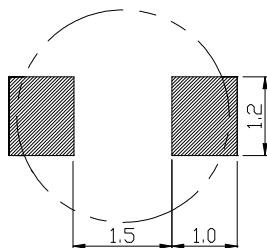


Type: CDH2D09B
◆ Product Description

- 3.0×2.8mm Max.(L×W),1.0mm Max. Height.
- Inductance range: 2.4~22 μ H.
- Rated current range: 0.31~1.0A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

- Magnetically unshielded construction.
- Storage temperature range: -40°C ~+105°C.
- Operating temperature range: -40°C ~+125°C (Including coil's self heat).
- Ideally used in Mobilephone,PDA,MP3,HDD,DSC/DVC,etc as DC-DC inverter inductors.
- Product weight: 0.023g (Ref.)
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)

◆ Land Pattern (mm)

◆ Specification

Please refer to the sales offices on our website for a representative near you

Type: CDH2D09B

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (m Ω) [Max.] (at 20°C)	Saturation Current (A) ※2 (at 20°C)	Temperature Rise Current (A) ※2
CDH2D09BNP-2R4M□	E	2.4 \pm 20%	160(128)	1.00	1.18
CDH2D09BNP-3R3M□	F	3.3 \pm 20%	188(150)	0.85	1.06
CDH2D09BNP-4R7M□	G	4.7 \pm 20%	273(218)	0.70	0.85
CDH2D09BNP-6R4M□	J	6.4 \pm 20%	400(320)	0.60	0.64
CDH2D09BNP-100M□	L	10 \pm 20%	588(470)	0.48	0.47
CDH2D09BNP-150M□	M	15 \pm 20%	956(765)	0.38	0.39
CDH2D09BNP-220M□	P	22 \pm 20%	1313(1050)	0.31	0.34

※ Description of part name

CDH2D09BNP-2R4M□

- B Box
- C Carrier Tape

※1. Saturation current: The DC current at which the inductance decreases to 70% of its nominal value.

※2. Temperature rise current: The DC current at which the temperature rise is $\Delta t=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$).