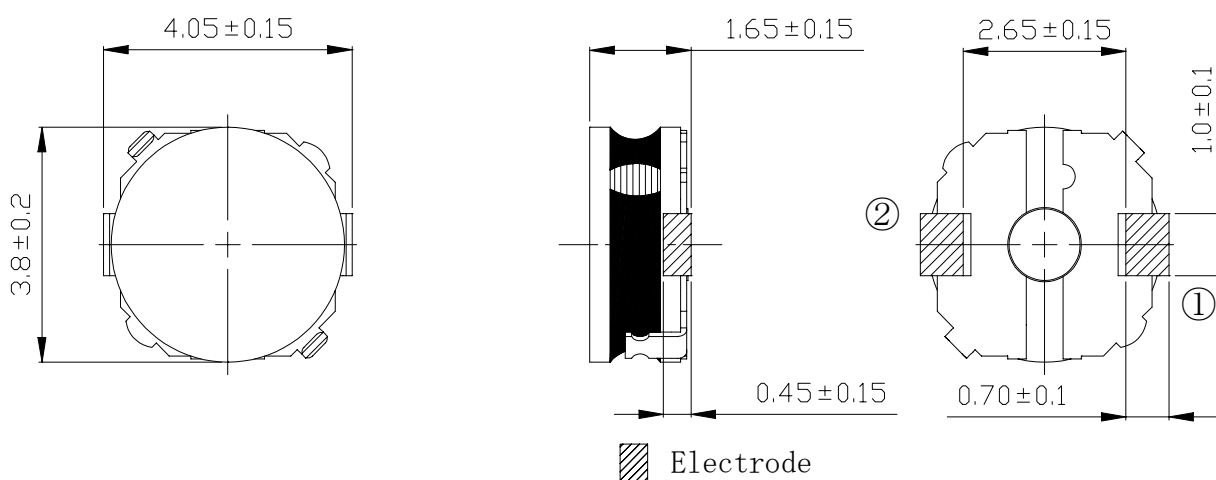
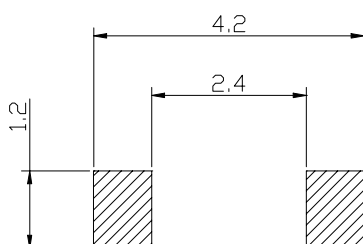


Type: CDH38D16B
◆ Product Description

- $4.2 \times 4.0\text{mm}$ Max.(L×W), 1.80mm Max.Height.
- Inductance Range: $4.7 \sim 47 \mu\text{H}$.
- Rated current range: $0.25 \sim 0.74\text{A}$.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

- Magnetically unshielded construction.
- Ideally used in Mobilephone, PDA, MP3, DSC/DVC, etc as DC-DC Converter inductors.
- RoHS Compliance.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDH38D16B
◆ Specification

Part Name ※	Stamp	Inductance [Within] 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Saturation Current (A) ※1		Temperature Rise current (A) ※2
				(at 20℃)	(at 100℃)	
CDH38D16BNP-4R7M□	A	4.7 μH ±20%	129(103)	0.74	0.53	1.28
CDH38D16BNP-5R6M□	B	5.6 μH ±20%	139(111)	0.72	0.52	1.20
CDH38D16BNP-8R2M□	C	8.2 μH ±20%	175(140)	0.59	0.44	1.10
CDH38D16BNP-100M□	D	10 μH ±20%	213(170)	0.55	0.40	1.00
CDH38D16BNP-150M□	E	15 μH ±20%	298(238)	0.44	0.31	0.82
CDH38D16BNP-220M□	F	22 μH ±20%	412(340)	0.36	0.25	0.65
CDH38D16BNP-330M□	G	33 μH ±20%	625(500)	0.30	0.21	0.47
CDH38D16BNP-470M□	H	47 μH ±20%	850(680)	0.25	0.19	0.42

※ Description of part name

CDH38D16BNP-4R7M□

☐ B Box
☐ C Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 90% of it's initial value.

※2 Temperature rise current:The DC current at which the temperature rise is Δt=40℃.(Ta=20℃)