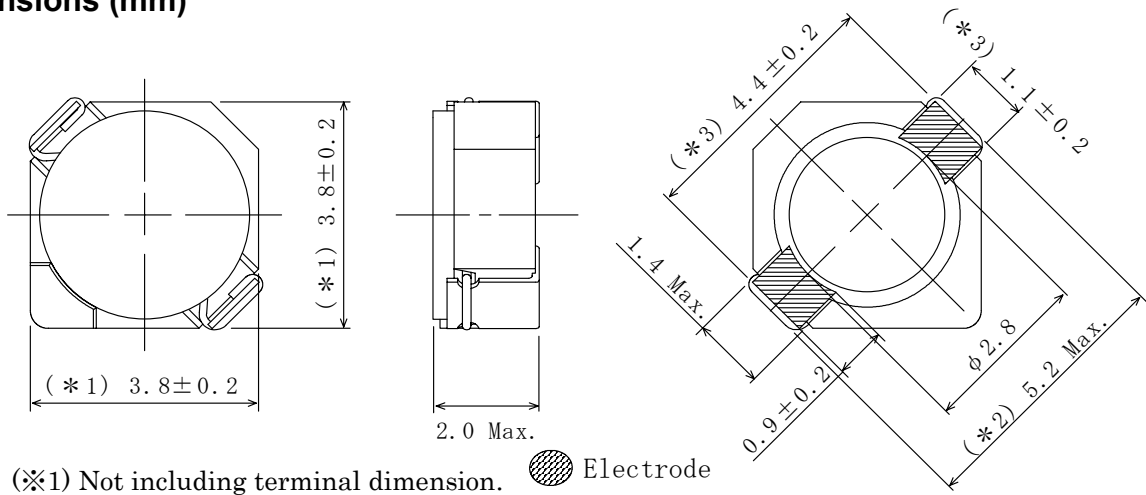
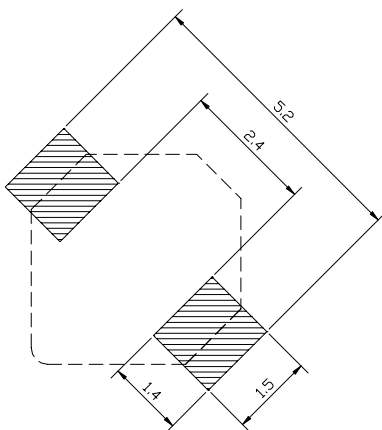


Type: CDRH3D18
◆ Product Description

- 4.0×4.0mm Max.(L×W),2.0mm Max. Height.
- Inductance Range: 1.0~47 μ H.
- Rated current range: 0.35~2.40A.
- In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.


◆ Feature

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

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH3D18
◆ Specification

Part Name ※	Stamp	Inductance (μ H) [Within] 100kHz/1V	D.C.R.(m Ω) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1		Temperature Rise current (A) ※2
				(at 20°C)	(at 100°C)	
CDRH3D18NP-1R0N□	A	1.0 \pm 30%	50(40)	2.80	2.00	2.40
CDRH3D18NP-2R2N□	B	2.2 \pm 30%	63(50)	1.80	1.30	2.00
CDRH3D18NP-3R0N□	C	3.0 \pm 30%	69(55)	1.60	1.20	1.80
CDRH3D18NP-4R7N□	D	4.7 \pm 30%	107.5(86)	1.35	0.95	1.35
CDRH3D18NP-6R8N□	E	6.8 \pm 30%	150(120)	1.10	0.80	1.10
CDRH3D18NP-100N□	F	10.0 \pm 30%	205(164)	0.90	0.65	0.90
CDRH3D18NP-120N□	G	12.0 \pm 30%	275(220)	0.80	0.60	0.80
CDRH3D18NP-150N□	H	15.0 \pm 30%	302(241)	0.75	0.55	0.75
CDRH3D18NP-220N□	I	22.0 \pm 30%	424(339)	0.60	0.45	0.60
CDRH3D18NP-330N□	J	33.0 \pm 30%	640(512)	0.50	0.35	0.45
CDRH3D18NP-470N□	K	47.0 \pm 30%	964(771)	0.40	0.30	0.35

※ Description of part name

CDRH3D18NP-1R0N□

B Box

C Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 65% of it's nominal value

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