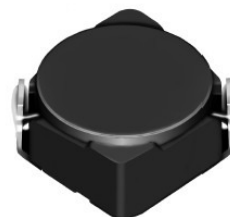
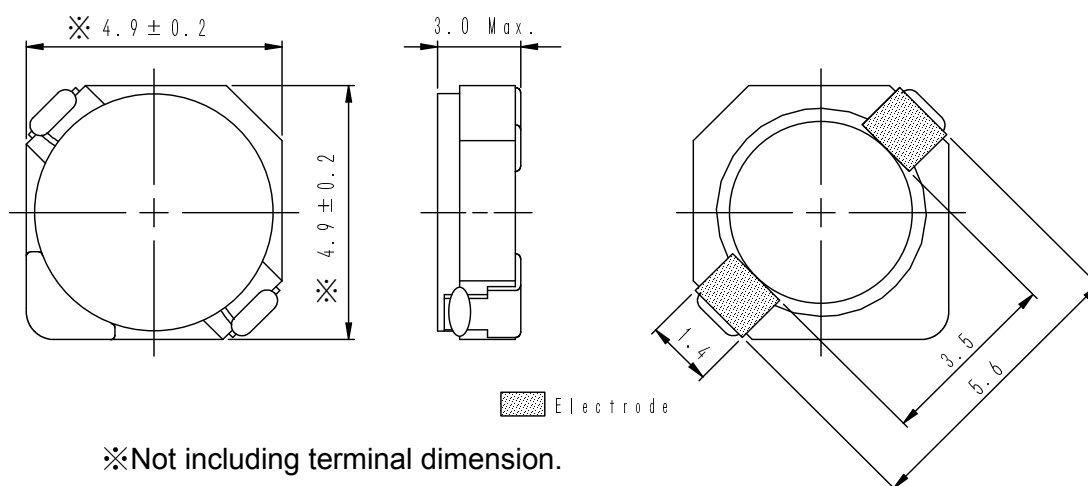
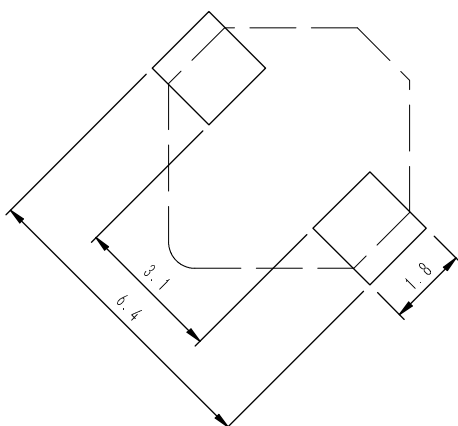


**Type: CDRH4D29/LD**
**◆ Product Description**

- 5.1 × 5.1 mm Max. (L × W), 3.0 mm Max. Height.
- Inductance range: 0.8 ~ 100 μH.
- Rated current range: 0.29 ~ 3.0 A.
- Custom design is available.

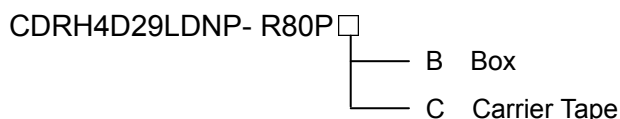

**◆ Feature**

- Magnetically shielded construction.
- Storage temperature range: -40 °C ~ +105 °C.
- Operating temperature range: -40 °C ~ +105 °C (Including coil's self temperature rise).
- Ideally used in Mobile phone, PDA, MP3, HDD, DSC/DVC, Note book PC, etc as DC-DC converter.
- RoHS compliance and Halogen Free.

**◆ Dimensions (mm)**

**◆ Land Pattern (mm)**


**Type: CDRH4D29/LD**
**◆ Specification**

Part Name ※	Stamp	Inductance ( $\mu$ H) 100kHz/1V	D.C.R.(m $\Omega$ ) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1		Temperature Rise Current (A) ※2
				at 20°C	at 105°C	
CDRH4D29LDNP-R80P□	R80	0.8±25%	13.9(11.1)	3.00	2.50	5.40
CDRH4D29LDNP-1R5P□	1R5	1.5±25%	18.0(14.4)	2.40	2.00	4.50
CDRH4D29LDNP-2R2P□	2R2	2.2±25%	20.1(16.1)	2.00	1.70	4.10
CDRH4D29LDNP-3R3P□	3R3	3.3±25%	29.5(23.6)	1.60	1.30	3.20
CDRH4D29LDNP-4R7P□	4R7	4.7±25%	35.4(28.3)	1.30	1.10	2.80
CDRH4D29LDNP-5R6P□	5R6	5.6±25%	45.9(36.7)	1.20	1.00	2.40
CDRH4D29LDNP-6R8P□	6R8	6.8±25%	49.3(39.4)	1.15	0.95	2.30
CDRH4D29LDNP-8R2P□	8R2	8.2±25%	53.3(42.6)	1.00	0.85	2.20
CDRH4D29LDNP-100M□	100	10.0±20%	71.6(57.3)	0.90	0.76	1.85
CDRH4D29LDNP-150M□	150	15.0±20%	93.0(74.4)	0.72	0.62	1.70
CDRH4D29LDNP-220M□	220	22.0±20%	122(97.6)	0.65	0.53	1.35
CDRH4D29LDNP-330M□	330	33.0±20%	190(152)	0.52	0.43	1.05
CDRH4D29LDNP-390M□	390	39.0±20%	218(174)	0.46	0.4	1.00
CDRH4D29LDNP-470M□	470	47.0±20%	238(190)	0.41	0.36	0.95
CDRH4D29LDNP-680M□	680	68.0±20%	355(284)	0.36	0.30	0.75
CDRH4D29LDNP-820M□	820	82.0±20%	474(379)	0.32	0.27	0.62
CDRH4D29LDNP-101M□	101	100±20%	523(418)	0.29	0.24	0.58

**※ Description of part name:**


※1. Saturation current: The DC current at which the inductance decreases to 65% of its nominal value.

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