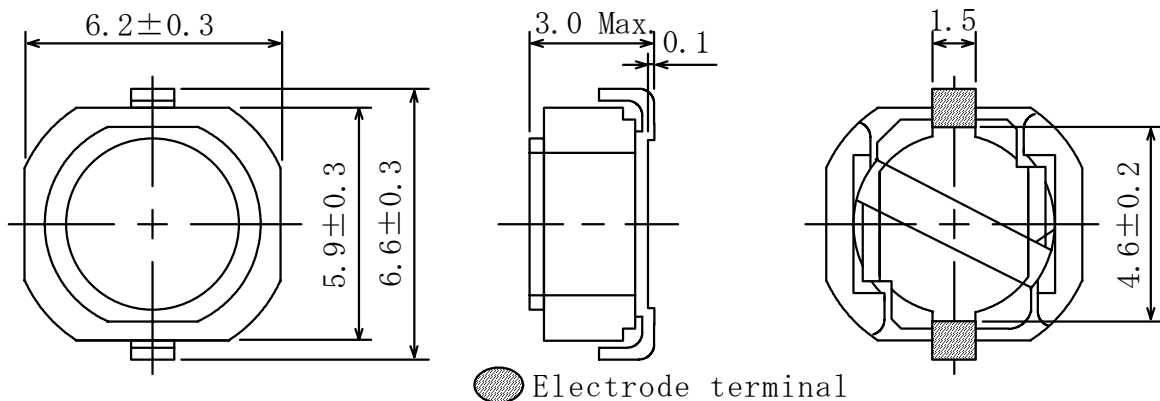
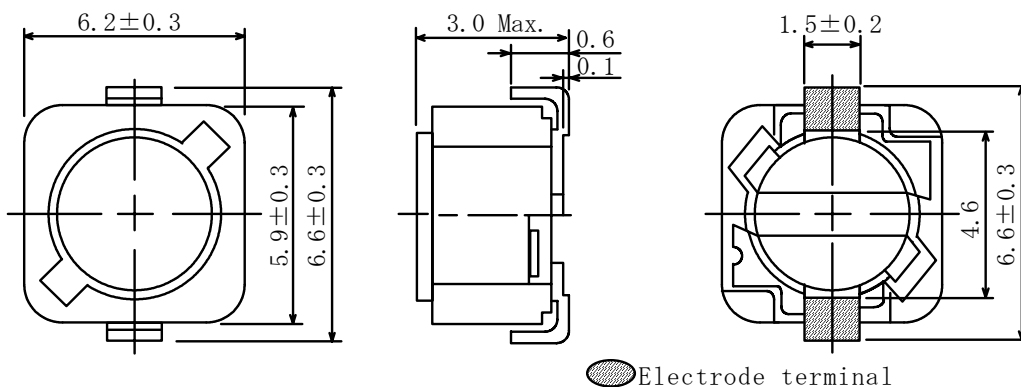


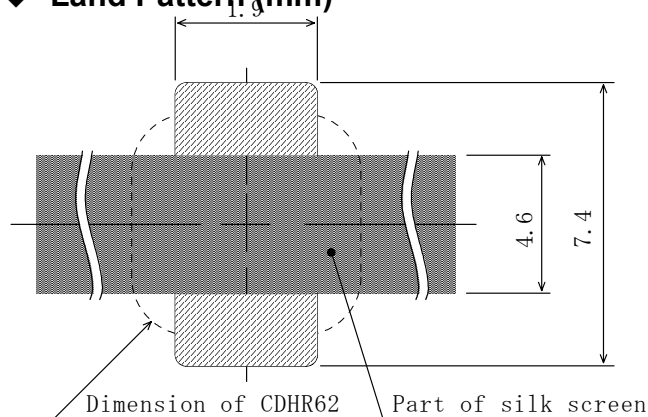
**Type: CDRH62, CDRH62B**
**◆ Product Description**

- 6.9×6.5mm Max.(L×W), 3.0mm Max. Height.
- Inductance Range:6.8~330 μ H(CDRH62); 2.9~330 μ H(CDRH62B).
- Rated current range:0.18~1.57A(CDRH62); 0.19~1.94A(CDRH62B).
- In addition to the standards versions shown here, custom inductors are also available to meet exact your requirements.


**◆ Feature**

- Magnetically shielded construction.
- Ideally used in Notebook PC, LCD TV, Game machine, HDD, DSC/DVC, etc as DC-DC Converter inductors.
- RoHS Compliance.

**◆ Dimensions (mm)**

**CDRH62**

**CDRH62B**

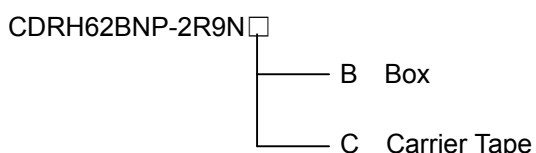
**Type: CDRH62, CDRH62B**
**◆ Land Pattern (mm)**

**◆ Specification(CDRH62)**

Part Name ※	Stamp	Inductance [Within] ( $\mu$ H)	D.C.R.(m $\Omega$ ) Max.(Typ.) (at 20°C)	Rated current (A) ※1	Measuring frequency
CDRH62NP-6R8N□	6R8	6.8 $\pm$ 25%	0.12	1.57	at 7.96MHz
CDRH62NP-8R2N□	8R2	8.2 $\pm$ 25%	0.13	1.38	
CDRH62NP-10 $\emptyset$ M□	100	10 $\pm$ 20%	0.17	1.28	at 2.52MHz
CDRH62NP-12 $\emptyset$ M□	120	12 $\pm$ 20%	0.18	1.19	
CDRH62NP-15 $\emptyset$ M□	150	15 $\pm$ 20%	0.26	0.97	
CDRH62NP-18 $\emptyset$ M□	180	18 $\pm$ 20%	0.30	0.94	
CDRH62NP-22 $\emptyset$ M□	220	22 $\pm$ 20%	0.38	0.81	
CDRH62NP-27 $\emptyset$ M□	270	27 $\pm$ 20%	0.43	0.71	
CDRH62NP-33 $\emptyset$ M□	330	33 $\pm$ 20%	0.48	0.64	
CDRH62NP-39 $\emptyset$ M□	390	39 $\pm$ 20%	0.69	0.59	
CDRH62NP-47 $\emptyset$ M□	470	47 $\pm$ 20%	0.77	0.54	
CDRH62NP-56 $\emptyset$ M□	560	56 $\pm$ 20%	0.85	0.52	
CDRH62NP-68 $\emptyset$ M□	680	68 $\pm$ 20%	1.21	0.49	
CDRH62NP-82 $\emptyset$ M□	820	82 $\pm$ 20%	1.42	0.41	
CDRH62NP-101M□	101	100 $\pm$ 20%	1.50	0.39	at 1 kHz
CDRH62NP-121M□	121	120 $\pm$ 20%	2.10	0.30	
CDRH62NP-151M□	151	150 $\pm$ 20%	2.33	0.28	
CDRH62NP-181M□	181	180 $\pm$ 20%	3.20	0.25	
CDRH62NP-221M□	221	220 $\pm$ 20%	3.69	0.23	
CDRH62NP-271M□	271	270 $\pm$ 20%	4.89	0.20	
CDRH62NP-331M□	331	330 $\pm$ 20%	5.42	0.18	

※1 Rated current: The DC current at which the inductance decreases to 70% of it's nominal value or when  $\Delta t=40^{\circ}\text{C}$ , whichever is lower( $T_a=20^{\circ}\text{C}$ ).

**Type: CDRH62, CDRH62B**
**◆ Specification(CDRH62B)**

Part Name ※	Stamp	Inductance [Within] (μH) ※1	D.C.R.(Ω) Max.(Typ.) (at 20°C)	Rated current (A) ※1	Measuring frequency	
CDRH62BNP-2R9N□	2R9	2.9+40% -20%	68m (50m)	1.94	at 7.96MHz	
CDRH62BNP-4R0N□	4R0	4.0+40% -20%	80m (59m)	1.63		
CDRH62BNP-5R5N□	5R5	5.5+40% -20%	96m (71m)	1.40		
CDRH62BNP-6R3N□	6R3	6.3+40% -20%	0.10 (77m)	1.30		
CDRH62BNP-7R1N□	7R1	7.1+40% -20%	0.11 (81m)	1.22		
CDRH62BNP-8R0N□	8R0	8.0+40% -20%	0.12 (87m)	1.15		
CDRH62BNP-100M□	100	10±20%	0.15 (0.11)	1.10		at 1 kHz
CDRH62BNP-120M□	120	12±20%	0.20 (0.15)	1.00		
CDRH62BNP-150M□	150	15±20%	0.23 (0.17)	0.90		
CDRH62BNP-180M□	180	18±20%	0.27 (0.20)	0.80		
CDRH62BNP-220M□	220	22±20%	0.34 (0.25)	0.74		
CDRH62BNP-270M□	270	27±20%	0.38 (0.29)	0.66		
CDRH62BNP-330M□	330	33±20%	0.45 (0.33)	0.59		
CDRH62BNP-390M□	390	39±20%	0.49 (0.37)	0.54		
CDRH62BNP-470M□	470	47±20%	0.69 (0.51)	0.50		
CDRH62BNP-560M□	560	56±20%	0.78 (0.58)	0.46		
CDRH62BNP-680M□	680	68±20%	1.07 (0.83)	0.42		
CDRH62BNP-820M□	820	82±20%	1.21 (0.93)	0.38		
CDRH62BNP-101M□	101	100±20%	1.39 (1.07)	0.34		
CDRH62BNP-121M□	121	120±20%	1.90 (1.46)	0.31		
CDRH62BNP-151M□	151	150±20%	2.18 (1.68)	0.28		
CDRH62BNP-181M□	181	180±20%	2.77 (2.13)	0.26		
CDRH62BNP-221M□	221	220±20%	3.12 (2.40)	0.23		
CDRH62BNP-271M□	271	270±20%	4.38 (3.37)	0.22		
CDRH62BNP-331M□	331	330±20%	4.94 (3.80)	0.19		

**※ Description of part name**


※1 Rated current: The DC current at which the inductance decreases to 75% of it's nominal value or when  $\Delta t=40^{\circ}\text{C}$ , whichever is lower( $T_a=20^{\circ}\text{C}$ ).