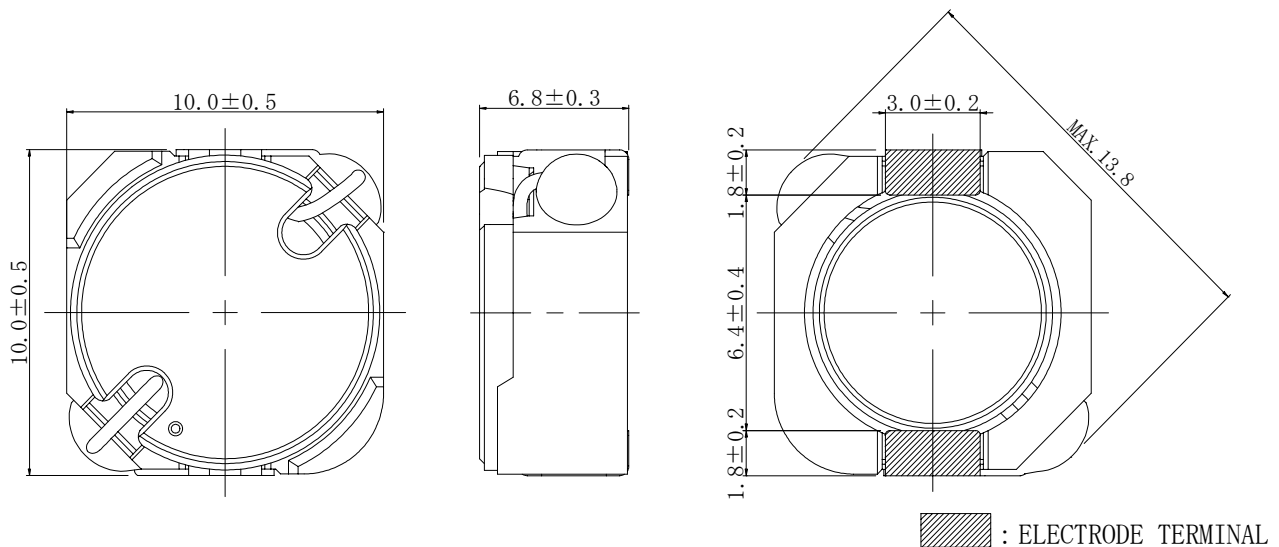
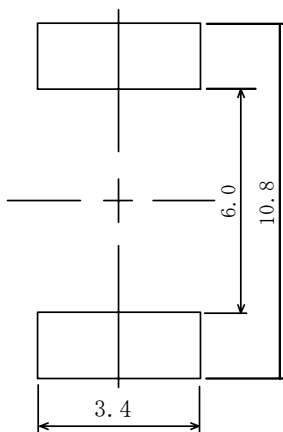


Type: CDRH10D68
◆ Product Description

- 10.5×10.5mm Max. (L×W), 7.1mm Max.height.
- Inductance Range:2.2~470 μ H
- Rated Current Range: 0.7~9.0A


◆ Feature

- Magnetically shielded construction.
- Ideally Used in Notebook PC,DSC/DVC,Game Machine,etc as DC-DC Converter inductors.
- RoHS Compliance.

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH10D68
◆ Specification

Part Name ※	Stamp	Inductance [Within] 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1		Temperature rise current (A)※2
				(at 20°C)	(at 105°C)	
CDRH1ØD68NP-2R2N□	2R2	2.2 μH ± 25%	7.20(5.7)	9.8	8.0	9.0
CDRH1ØD68NP-3R3N□	3R3	3.3 μH ± 25%	8.50(6.8)	8.4	6.8	8.0
CDRH1ØD68NP-4R7N□	4R7	4.7 μH ± 25%	9.80(7.9)	7.9	6.5	7.0
CDRH1ØD68NP-6RØN□	6R0	6.0 μH ± 25%	14.0(11.2)	6.5	5.2	5.5
CDRH1ØD68NP-8R2N□	8R2	8.2 μH ± 25%	15.8(12.7)	5.1	4.0	5.3
CDRH1ØD68NP-1ØØM□	100	10 μH ± 20%	21.5(17.2)	4.8	3.8	4.4
CDRH1ØD68NP-15ØM□	150	15 μH ± 20%	34.5(27.6)	4.5	3.6	3.6
CDRH1ØD68NP-18ØM□	180	18 μH ± 20%	37.0(29.7)	3.6	2.9	3.4
CDRH1ØD68NP-22ØM□	220	22 μH ± 20%	40.2(32.1)	3.0	2.6	3.2
CDRH1ØD68NP-33ØM□	330	33 μH ± 20%	60.4(48.3)	2.7	2.2	2.6
CDRH1ØD68NP-47ØM□	470	47 μH ± 20%	106.3(85.0)	2.4	2.0	2.1
CDRH1ØD68NP-68ØM□	680	68 μH ± 20%	149.8(119.8)	2.0	1.6	1.7
CDRH1ØD68NP-82ØM□	820	82 μH ± 20%	163.3(130.6)	1.7	1.4	1.6
CDRH1ØD68NP-1Ø1M□	101	100 μH ± 20%	205.0(164.3)	1.5	1.2	1.5
CDRH1ØD68NP-151M□	151	150 μH ± 20%	291.9(233.5)	1.3	1.1	1.3
CDRH1ØD68NP-181M□	181	180 μH ± 20%	325.7(260.6)	1.2	0.9	1.2
CDRH1ØD68NP-221M□	221	220 μH ± 20%	362.4(290.0)	1.0	0.8	1.1
CDRH1ØD68NP-331M□	331	330 μH ± 20%	525.1(420.1)	0.8	0.6	0.9
CDRH1ØD68NP-471M□	471	470 μH ± 20%	739.6(591.7)	0.7	0.5	0.8

※ Description of Part Name

CDRH1ØD68NP-2R2N□

- 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 $\Delta t=40^{\circ}\text{C}$. ($T_a=20^{\circ}\text{C}$).