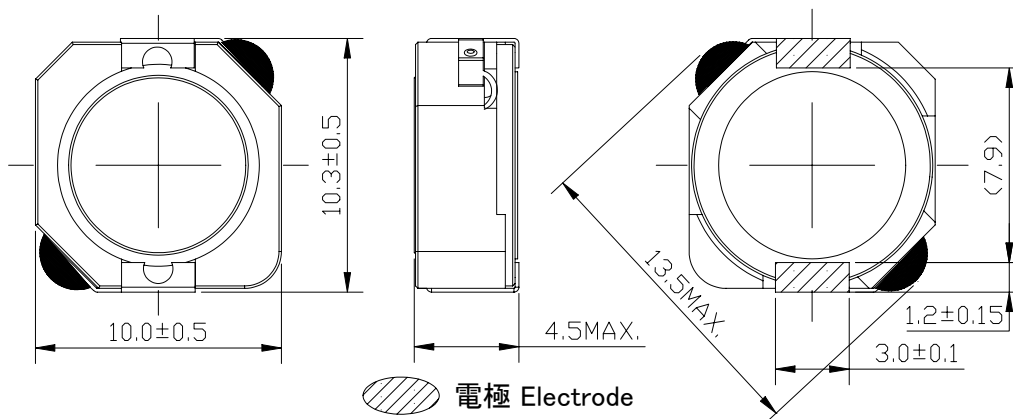
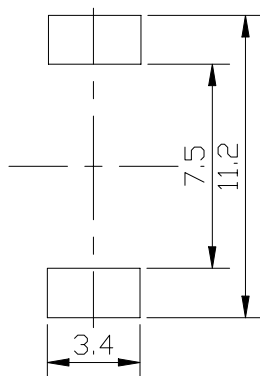


Type: CDRH10D43R
◆ Product Description

- 10.8 × 10.5mm Max.(L × W), 4.5mm Max. Height.
- Inductance range: 1.2 μH ~ 100 μH
- Rated current range: 1.1 ~ 7.2A
- Custom design is available.


◆ Feature

- Magnetically shielded construction.
- Ideally used in Game machine, Notebook PC, LCD TV, DVD, STB, Projector etc as DC-DC Converter inductors.
- RoHS Compliance

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH10D43R
◆ Specification

Part Name ※	Stamp	Inductance 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)	
CDRH10D43RNP-1R2P□	1R2	1.2μH±25%	10.4(8.28)	12.0	9.0	7.2
CDRH10D43RNP-1R8P□	1R8	1.8μH±25%	12.2(9.76)	11.2	8.5	6.6
CDRH10D43RNP-2R7P□	2R7	2.7μH±25%	14.1(11.3)	9.5	7.3	6.0
CDRH10D43RNP-3R9P□	3R9	3.9μH±25%	16.6(13.2)	8.8	6.9	5.8
CDRH10D43RNP-4R7P□	4R7	4.7μH±25%	20.4(16.3)	8.0	6.5	4.8
CDRH10D43RNP-6R8P□	6R8	6.8μH±25%	25.1(20.0)	7.0	5.6	4.6
CDRH10D43RNP-8R2P□	8R2	8.2μH±25%	31.0(24.8)	6.0	4.8	4.2
CDRH10D43RNP-100M□	100	10μH±20%	32.7(26.1)	5.2	4.3	4.1
CDRH10D43RNP-120M□	120	12μH±20%	47.2(37.7)	4.9	4.0	3.2
CDRH10D43RNP-150M□	150	15μH±20%	56.1(44.9)	4.5	3.7	3.1
CDRH10D43RNP-220M□	220	22μH±20%	73.9(59.1)	4.0	3.2	2.7
CDRH10D43RNP-330M□	330	33μH±20%	120.0(95.7)	3.1	2.6	2.0
CDRH10D43RNP-470M□	470	47μH±20%	160.4(128.3)	2.6	2.1	1.7
CDRH10D43RNP-560M□	560	56μH±20%	175.8(140.6)	2.4	2.0	1.6
CDRH10D43RNP-680M□	680	68μH±20%	217.3(173.8)	2.2	1.8	1.4
CDRH10D43RNP-820M□	820	82μH±20%	273.8(219.0)	2.0	1.6	1.2
CDRH10D43RNP-101M□	101	100μH±20%	344.5(275.6)	1.8	1.4	1.1

※ Description of part name

CDRH10D43RNP-1R2P□

- B Box
- C Carrier Tape

※1. Saturation current: The DC current at which the inductance decreases by 35% from its nominal value.

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