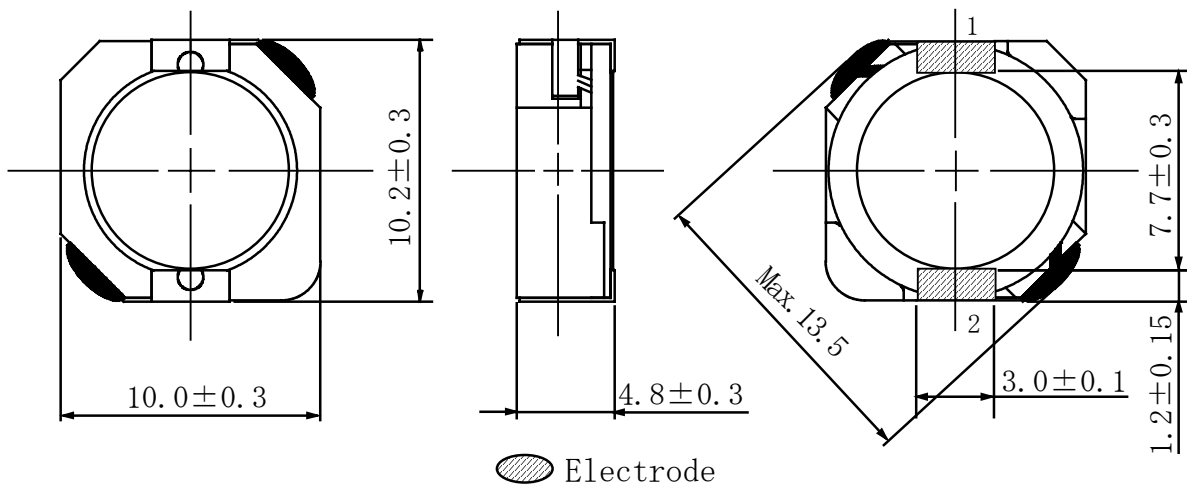
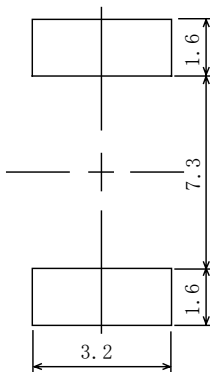


Type: CDRH105R/HP
UNDER DEVELOPMENT
◆ Product Description

- 10.5 × 10.3mm Max.(L × W), 5.1mm Max. Height.
- Inductance Range: 1.1 μH ~ 330 μH
- Rated current range: 0.75 ~ 9.2A
- In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements.


◆ Feature

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

◆ Dimensions (mm)

◆ Land Pattern (mm)


Type: CDRH105R/HP

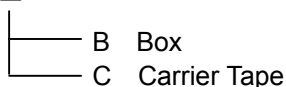
UNDER DEVELOPMENT

◆ 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)	
CDRH105RHPNP-1R1M□	1R1	1.1 μH±20%	7.6(6.1)	16.0	13.5	9.2
CDRH105RHPNP-2R0M□	2R0	2.0 μH±20%	9.2(7.4)	12.0	9.5	8.2
CDRH105RHPNP-3R0M□	3R0	3.0 μH±20%	14.5(11.6)	9.8	8.0	6.5
CDRH105RHPNP-4R2M□	4R2	4.2 μH±20%	16.7(13.4)	8.7	7.0	6.0
CDRH105RHPNP-5R6M□	5R6	5.6 μH±20%	21.9(17.5)	7.8	6.1	5.2
CDRH105RHPNP-7R2M□	7R2	7.2 μH±20%	24.2(19.4)	6.6	5.2	4.8
CDRH105RHPNP-100M□	100	10 μH±20%	33.8(27.0)	5.7	4.5	3.7
CDRH105RHPNP-150M□	150	15 μH±20%	42.5(34.0)	4.8	3.9	3.4
CDRH105RHPNP-220M□	220	22 μH±20%	61.5(49.1)	4.0	3.3	2.8
CDRH105RHPNP-330M□	330	33 μH±20%	81.9(65.5)	3.2	2.6	2.4
CDRH105RHPNP-470M□	470	47 μH±20%	114.6(91.7)	2.7	2.3	2.0
CDRH105RHPNP-560M□	560	56 μH±20%	125.8(100.6)	2.5	1.9	1.9
CDRH105RHPNP-680M□	680	68 μH±20%	158.0(126.5)	2.2	1.8	1.8
CDRH105RHPNP-820M□	820	82 μH±20%	198.0(158.4)	2.0	1.6	1.5
CDRH105RHPNP-101M□	101	100 μH±20%	223.0(178.5)	1.8	1.5	1.4
CDRH105RHPNP-121M□	121	120 μH±20%	277.8(222.2)	1.6	1.4	1.3
CDRH105RHPNP-151M□	151	150 μH±20%	391.0(313.0)	1.5	1.2	1.1
CDRH105RHPNP-181M□	181	180 μH±20%	482.0(385.8)	1.3	1.1	0.95
CDRH105RHPNP-221M□	221	220 μH±20%	566.6(453.3)	1.2	1.0	0.80
CDRH105RHPNP-331M□	331	330 μH±20%	809.4(647.5)	1.0	0.8	0.75

※ Description of part name

CDRH105RHPNP-1R1M□



※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 Δt=40°C.(Ta=20°C).