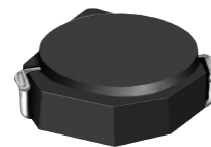
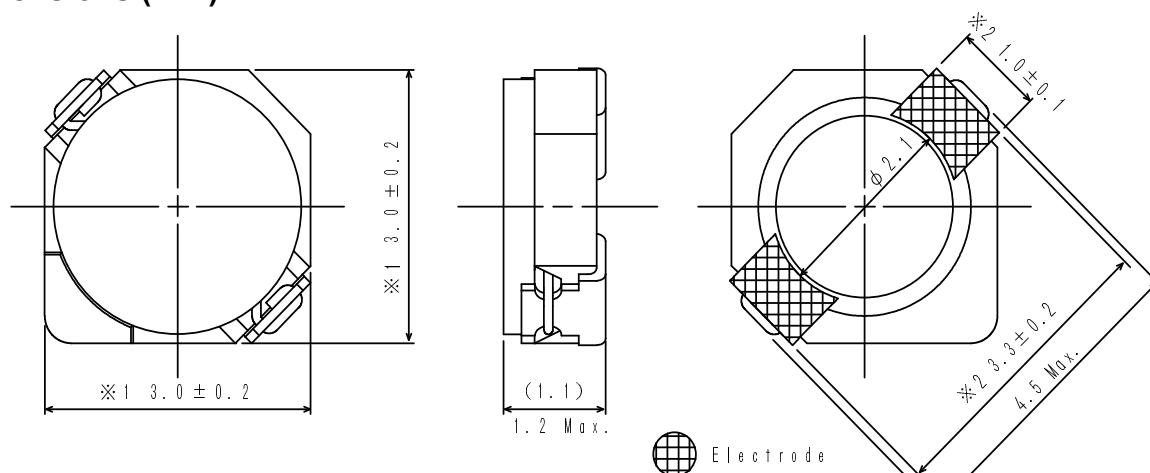


Type: CDRH2D11, CDRH2D11/HP, CDRH2D11B
◆ Product Description

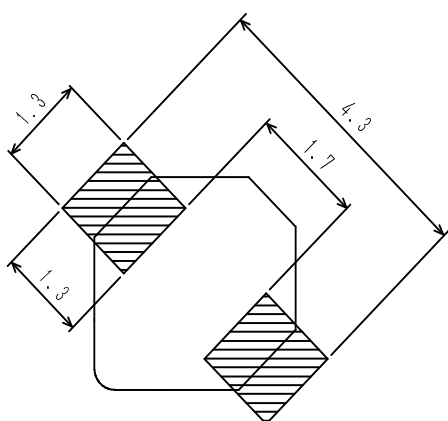
- 3.2×3.2mm Max.(L×W), 1.2mm Max. Height.
- Inductance Range: 1.5~10 μ H (CDRH2D11/ CDRH2D11/HP);
1.0~22 μ H (CDRH2D11B).
- Rated current range: 0.35~0.90A (CDRH2D11) ; 0.52~1.35A (CDRH2D11/HP);
0.35~1.5A (CDRH2D11B).
- Custom design is available.


◆ Feature

- Magnetically shielded construction.
- Ideally used in Mobilephone, PDA, MP3, DSC/DVC, Portable DVD, etc as DC-DC Converter.
- RoHS Compliance and Halogen free.

◆ Dimensions (mm)


※ 1 Not including terminal dimension

◆ Land Pattern (mm)


Type: CDRH2D11, CDRH2D11/HP, CDRH2D11B
◆ Specification(CDRH2D11)

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (m Ω) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1		Temperature Rise Current (A) ※2
				at 20°C	at 100°C	
CDRH2D11NP-1R5N□	A	1.5 $\pm$ 30%	68(54)	0.90	0.68	1.48
CDRH2D11NP-2R2N□	C	2.2 $\pm$ 30%	98(78)	0.78	0.58	1.27
CDRH2D11NP-3R3N□	E	3.3 $\pm$ 30%	123(98)	0.60	0.45	1.02
CDRH2D11NP-4R7N□	G	4.7 $\pm$ 30%	170(135)	0.50	0.37	0.88
CDRH2D11NP-6R8N□	I	6.8 $\pm$ 30%	260(210)	0.44	0.33	0.80
CDRH2D11NP-100N□	K	10.0 $\pm$ 30%	400(320)	0.35	0.26	0.65

◆ Specification (CDRH2D11/HP)

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (m Ω) Max.(Typ.) (at 20°C)	Saturation Current (A) ※1		Temperature Rise Current (A) ※2
				at 20°C	at 100°C	
CDRH2D11/HPNP-1R5N□	A	1.5 $\pm$ 30%	80(64)	1.35	1.0	1.60
CDRH2D11/HPNP-2R2N□	C	2.2 $\pm$ 30%	120(96)	1.10	0.72	1.30
CDRH2D11/HPNP-3R3N□	E	3.3 $\pm$ 30%	173(138)	0.90	0.65	0.90
CDRH2D11/HPNP-4R7N□	G	4.7 $\pm$ 30%	238(190)	0.75	0.52	0.85
CDRH2D11/HPNP-6R8N□	I	6.8 $\pm$ 30%	371(297)	0.63	0.45	0.65
CDRH2D11/HPNP-100N□	K	10.0 $\pm$ 30%	559(447)	0.52	0.37	0.52

Type: CDRH2D11, CDRH2D11/HP, CDRH2D11B
◆ Specification (CDRH2D11B)

Part Name ※	Stamp	Inductance (μ H) 100kHz/1V	D.C.R. (m Ω) Max.(Typ.) (at 20°C)	Saturation Current (A)※1		Temperature Rise Current (A)※2
				at 20°C	at 100°C	
CDRH2D11BNP-1R0N□	A	1.0±25%	62.6(50.1)	1.50	1.25	1.70
CDRH2D11BNP-1R5N□	B	1.5±25%	84.3(67.4)	1.25	1.05	1.45
CDRH2D11BNP-2R2N□	C	2.2±25%	95.5(76.4)	1.10	0.9	1.40
CDRH2D11BNP-2R7N□	D	2.7±25%	120(95.6)	0.92	0.75	1.20
CDRH2D11BNP-3R3N□	E	3.3±25%	154(123)	0.88	0.70	1.00
CDRH2D11BNP-4R7N□	F	4.7±25%	248(198)	0.70	0.56	0.80
CDRH2D11BNP-5R6N□	G	5.6±25%	264(211)	0.65	0.54	0.75
CDRH2D11BNP-6R8N□	H	6.8±25%	284(227)	0.60	0.50	0.72
CDRH2D11BNP-8R2N□	I	8.2±25%	376(301)	0.52	0.44	0.60
CDRH2D11BNP-100N□	J	10.0±25%	428(342)	0.48	0.40	0.58
CDRH2D11BNP-150N□	K	15.0±25%	663(530)	0.40	0.33	0.46
CDRH2D11BNP-180N□	L	18.0±25%	730(584)	0.36	0.30	0.43
CDRH2D11BNP-220N□	M	22.0±25%	801(641)	0.35	0.26	0.42

※ Description of part name

CDRH2D11BNP-1R0N□

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