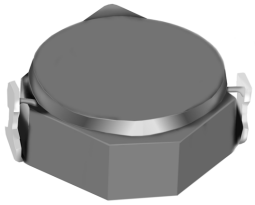
Type: CDRH2D14

◆ Product Description

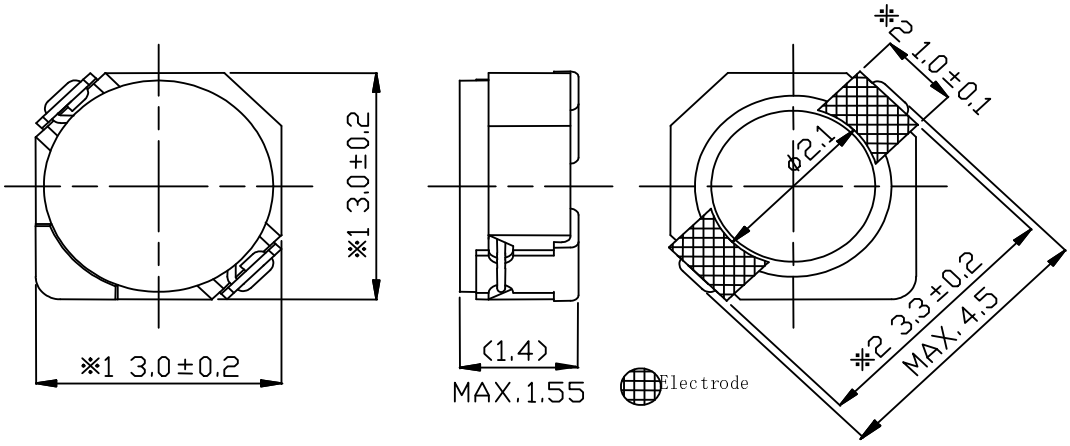


- 3.2×3.2mm Max.(L×W),1.55mm Max.Height
- Inductance range: 0.21～12μH.
- Rated current range: 0.62～3.8A.
- In addition to the standards versions shown here,
  custom inductors are also available to meet your exact requirements.

◆ Feature

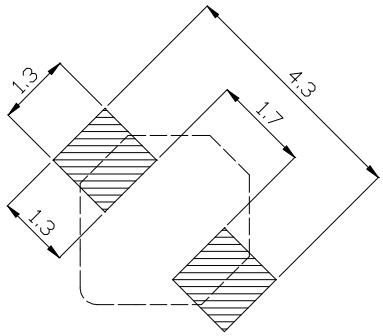
- Magnetically shielded construction.
- Storage temperature range: -40℃～+100℃.
- Operating temperature range: -40℃～+100℃ (Including coil's self temperature rise).
- Ideally used in Mobilephone,PDA,MP3,DSC/DVC,etc as DC-DC converter inductors.
- RoHS compliance and Halogen Free.

◆ Dimensions (mm)



※1 Not including terminal dimension.

◆ Land Pattern (mm)



Type: CDRH2D14

◆ Specification

Part Name ※	Stamp	Inductance (μH) 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Saturation Current (A) ※1		Temperature Rise Current (A) ※2
				at 20℃	at 100℃	
CDRH2D14NP-R21N□	N	0.21±35%	21(16)	3.80	2.70	4.74
CDRH2D14NP-R36N□	P	0.36±35%	26(20)	3.25	2.55	4.10
CDRH2D14NP-R60N□	Q	0.60±35%	33(25)	2.20	1.75	3.45
CDRH2D14NP-R82N□	R	0.82±35%	39(30)	2.10	1.68	2.85
CDRH2D14NP-1R2N□	S	1.2±30%	49(38)	1.95	1.35	2.75
CDRH2D14NP-1R5N□	A	1.5±30%	63(50)	1.80	1.20	2.00
CDRH2D14NP-1R8N□	B	1.8±30%	75(60)	1.65	1.10	1.80
CDRH2D14NP-2R2N□	C	2.2±30%	94(75)	1.50	1.00	1.60
CDRH2D14NP-2R7N□	D	2.7±30%	106(85)	1.35	0.90	1.40
CDRH2D14NP-3R3N□	E	3.3±30%	125(100)	1.20	0.82	1.24
CDRH2D14NP-3R9N□	F	3.9±30%	138(110)	1.10	0.75	1.12
CDRH2D14NP-4R7N□	G	4.7±30%	169(135)	1.00	0.68	1.00
CDRH2D14NP-5R6N□	H	5.6±30%	188(150)	0.95	0.60	0.98
CDRH2D14NP-6R8N□	J	6.8±30%	213(170)	0.85	0.56	0.92
CDRH2D14NP-8R2N□	K	8.2±30%	281(225)	0.80	0.51	0.80
CDRH2D14NP-100N□	L	10±30%	294(235)	0.70	0.46	0.76
CDRH2D14NP-120N□	M	12±30%	394(315)	0.62	0.42	0.64

※ Description of part name

CDRH2D14NP-1R2N□
- 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 △t=40℃.(Ta=20℃)