

**Shielded Power Inductors CDRI-\*\*A Series**

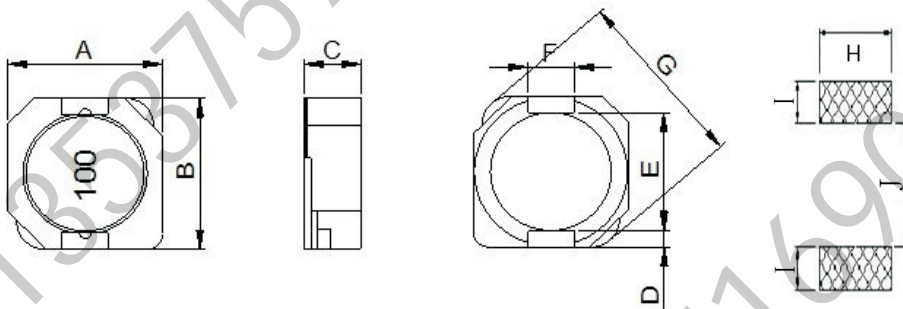
**Product Identification:**



**CDRI** - **104** **A** - **1R5** **N**  
(1) (2) (3) (4) (5)

- (1) Series
- (2) Dimensions(L\*H)
- (3) Type
- (4) Inductance (1R0=1.0uH, 100=10uH, 101=100uH)
- (5) Tolerance(K(±10%), L(±15%), M(±20%),N(±30%))

**DIMENSIONS DRAWING:**



Shape and Dimensions								Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)
CDRI-104A	10.1±0.5	10.3±0.5	4.5Max	1.2Typ	7.7Typ	3.0Typ	13.5Typ	3.2Typ	1.6Typ	7.3Typ
CDRI-105A	10.1±0.5	10.3±0.5	5.1Max	1.2Typ	7.7Typ	3.0Typ	13.5Typ	3.2Typ	1.6Typ	7.3Typ

**Shielded Power Inductors CDRI-104A Series**

**ELECTRICAL CHARACTERISTIC:**

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR (mΩ)Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-104A-1R5☐	1.5	N	100K/1V	6.5	15	12	1R5
CDRI-104A-1R8☐	1.8	N	100K/1V	7.6	10.4	9.5	1R8
CDRI-104A-2R2☐	2.2	N	100K/1V	7.2	10.4	8.2	2R2
CDRI-104A-3R3☐	3.3	N	100K/1V	10.3	8.0	7.2	3R3
CDRI-104A-4R7☐	4.7	M N	100K/1V	12	6.5	6.5	4R7
CDRI-104A-5R6☐	5.6	M N	100K/1V	24	5.5	---	5R6

- (1).Specify the inductance tolerance, K(±10%), L(±15%), M(±20%),N(±30%)
- (2).IDC1:Base on temp.rise & ΔL/L0A ≤ 35% MAX
- (3).IDC2:Temp.rise 40°C Typ
- (4).Operating temp.: -40°C to +125°C
- ※:Rated DC Current : The less value which is IDC1 or IDC2

### Shielded Power Inductors CDRI-104A Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR (mΩ)Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-104A-6R8□	6.8	M N	100K/1V	27	5.0	5.1	6R8
CDRI-104A-100□	10	M N	100K/1V	35	4.5	3.8	100
CDRI-104A-150□	15	M N	100K/1V	45	4.15	3.5	150
CDRI-104A-220□	22	M N	100K/1V	66	4.0	2.8	220
CDRI-104A-330□	33	M N	100K/1V	101	3.5	2.3	330
CDRI-104A-470□	47	M N	100K/1V	170	2.8	2.0	470
CDRI-104A-560□	56	M N	100K/1V	200	2.3	1.90	560
CDRI-104A-101□	100	K M	100K/1V	280	1.7	1.70	101
CDRI-104A-151□	150	K M	100K/1V	400	1.4	1.40	151

### Shielded Power Inductors CDRI-105A Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR (mΩ)Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-105A-1R3□	1.3	N	100K/1V	9.8	15	15	1R3
CDRI-105A-1R5□	1.5	N	100K/1V	9.8	15	10	1R5
CDRI-105A-3R5□	3.5	N	100K/1V	15.5	7	6.5	3R5
CDRI-105A-4R7□	4.7	M N	100K/1V	16	6.5	6.0	4R7
CDRI-105A-5R6□	5.6	M N	100K/1V	17.8	6.3	5.6	5R6
CDRI-105A-6R8□	6.8	M N	100K/1V	18	6.0	5.4	6R8
CDRI-105A-8R2□	8.2	M N	100K/1V	20	5.5	5.0	8R2
CDRI-105A-100□	10	M N	100K/1V	26	5.0	4.5	100
CDRI-105A-120□	12	M N	100K/1V	33	4.5	4.0	120
CDRI-105A-150□	15	M N	100K/1V	41	4.2	3.3	150
CDRI-105A-330□	33	M N	100K/1V	84	3.4	3.00	330
CDRI-105A-470□	47	M N	100K/1V	130	3.0	2.50	470
CDRI-105A-221□	220	K M	100K/1V	500	1.0	1.00	221

(1).Specify the inductance tolerance, K(±10%), L(±15%), M(±20%),N(±30%)

(2).IDC1:Base on temp.rise &  $\Delta L/L0A \leq 35\%$  MAX

(3).IDC2:Temp.rise 40°C Typ

(4).Operating temp.: -40°C to +125°C

※:Rated DC Current : The less value which is IDC1 or IDC2