

Shielded Power Inductors CDRI-73~129A Series

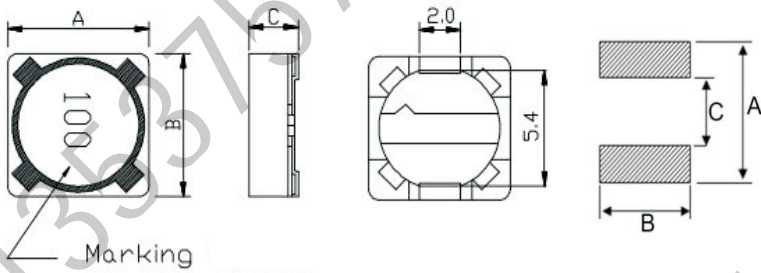
Product Identification:

**CDRI - 73      A - 1R0      M**  
(1)      (2)      (3)      (4)      (5)

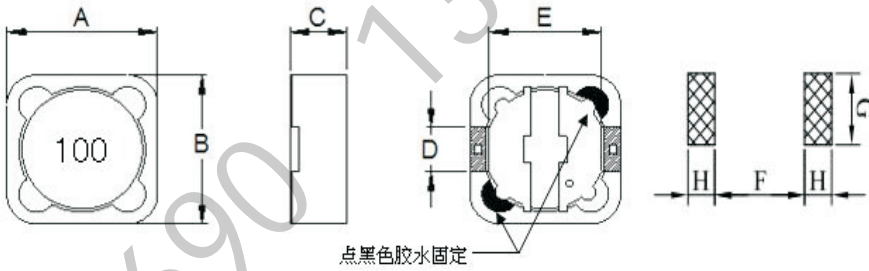


- (1) Series
- (2) Dimensions(L\*H)
- (3) Type
- (4) Inductance (1R0=1.0uH, 100=10uH, 101=100uH)
- (5) Tolerance(K(±10%), L(±15%), M(±20%),N(±30%))

DIMENSIONS DRAWING:



Shape and Dimensions							Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	-	-	-	A(mm)	B(mm)	C(mm)
CDRI-73A	7.3±0.5	7.3±0.5	3.6Max	-	-	-	8.0Typ	2.4Typ	4.8Typ
CDRI-74A	7.3±0.5	7.3±0.5	4.6Max	-	-	-	8.0Typ	2.4Typ	4.8Typ



Shape and Dimensions							Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	-	F(mm)	G(mm)	H(mm)
CDRI-125A	12.5Max	12.5Max	6.0Max	5.0Typ	7.6Typ	-	7.0Typ	5.4Typ	2.8Typ
CDRI-129A	12.5Max	12.5Max	10.0Max	5.0Typ	7.6Typ	-	7.0Typ	5.4Typ	2.8Typ

### Shielded Power Inductors CDRI-73A Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR (mΩ) Typ	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-73A-2R2□	2.2	N	100K/0.25V	18.5m	5.5	4.15	2R2
CDRI-73A-3R3□	3.3	M N	100K/0.25V	21m	5	3.6	3R3
CDRI-73A-4R7□	4.7	M N	100K/0.25V	31m	3.9	3.5	4R7
CDRI-73A-6R8□	6.8	M N	100K/0.25V	45m	3.12	2.55	6R8
CDRI-73A-100□	10	M N	100K/0.25V	75m	1.68	2.1	100
CDRI-73A-220□	22	M N	100K/0.25V	126m	1.41	1.38	220
CDRI-73A-330□	33	M N	100K/0.25V	166m	1.35	1.31	330

### Shielded Power Inductors CDRI-74A Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR (mΩ) Typ	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-74A-1R0□	1.0	N	100K/0.25V	10.0	7.5	7.00	1R0
CDRI-74A-1R5□	1.5	N	100K/0.25V	11.5	7.0	6.60	1R5
CDRI-74A-2R2□	2.2	N	100K/0.25V	12.6	6.5	5.00	2R2
CDRI-74A-3R3□	3.3	M N	100K/0.25V	16.9	5.9	4.80	3R3
CDRI-74A-4R7□	4.7	M N	100K/0.25V	23.5	4.5	4.20	4R7
CDRI-74A-100□	10	M N	100K/0.25V	48.9	3.2	3.00	100
CDRI-74A-150□	15	M N	100K/0.25V	63.7	2.48	2.11	150
CDRI-74A-270□	27	M N	100K/0.25V	115	1.95	1.59	270
CDRI-74A-330□	33	M N	100K/0.25V	143	1.73	1.41	330

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

(2).IDC1:Base on temp.rise &  $\Delta L/L0A \leq 25\%$  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-125A Series**

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR(mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-125A-2R2□	2.2	N	100K/0.25V	8.2	13.5	12.5	2R2
CDRI-125A-2R4□	2.7	N	100K/0.25V	8.2	13.5	12.5	2R4
CDRI-125A-2R7□	2.7	N	100K/0.25V	9.3	13	10.5	2R7
CDRI-125A-3R3□	3.3	M N	100K/0.25V	11.4	12	9	3R3
CDRI-125A-4R7□	4.7	M N	100K/0.25V	13	10	8	4R7
CDRI-125A-5R6□	5.6	M N	100K/0.25V	14	9	7	5R6
CDRI-125A-6R8□	6.8	M N	100K/0.25V	15	8	7	6R8
CDRI-125A-8R2□	8.2	M N	100K/0.25V	22	7.5	6.5	7R5
CDRI-125A-100□	10	M N	100K/0.25V	26.5	7.2	5.6	100
CDRI-125A-150□	15	M N	100K/0.25V	31.9	5.8	5	150
CDRI-125A-220□	22	M N	100K/0.25V	46.3	4.5	4	220
CDRI-125A-330□	33	M N	100K/0.25V	66.3	4	3.5	330
CDRI-125A-470□	47	M N	100K/0.26V	92.5	3.24	2.9	470
CDRI-125A-680□	68	M N	100K/0.27V	130	2.7	2.5	680
CDRI-125A-101□	100	M	100K/0.28V	170	2	2.2	101
CDRI-125A-151□	150	M	100K/0.29V	260	1.8	1.7	151
CDRI-125A-221□	220	M	100K/0.30V	430	1.6	1.39	221
CDRI-125A-271□	270	M	100K/0.31V	450	1.5	1.32	271
CDRI-125A-152□	1500	M	100K/0.32V	2000	0.58	0.6	152
CDRI-125A-222□	2200	M	100K/0.33V	2900	0.49	0.5	222

**Shielded Power Inductors CDRI-129A Series**

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH)	Tolerance	TEST FREQ.(Hz)	DCR(mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-129A-4R7□	4.7	M,N	100K/0.25V	10.0m	16.0	10.0	4R7
CDRI-129A-6R8□	6.8	M,N	100K/0.25V	14.0m	12.8	8.4	6R8
CDRI-129A-100□	10	M,N	100K/0.25V	18.3m	11.5	7.50	100
CDRI-129A-150□	15	M,N	100K/0.25V	28.0m	8.60	6.00	150
CDRI-129A-330□	33	M	100K/0.25V	45.0m	5.50	4.20	330
CDRI-129A-470□	47	M	100K/0.25V	60.0m	4.50	3.80	470
CDRI-129A-560□	56	M	100K/0.25V	70.0m	4.00	3.40	560
CDRI-129A-680□	68	M	100K/0.25V	88.5m	3.60	3.20	680
CDRI-129A-101□	100	M	100K/0.25V	0.11	3.10	2.50	101
CDRI-129A-221□	220	M	100K/0.25V	0.27	2.50	1.80	221
CDRI-129A-271□	270	M	100K/0.25V	0.33	2.10	1.60	271
CDRI-129A-301□	300	M	100K/0.25V	0.34	1.80	1.45	301
CDRI-129A-331□	330	M	100K/0.25V	0.34	1.80	1.45	331
CDRI-129A-681□	680	M,N	100K/0.25V	0.675	1.60	1.25	681
CDRI-129A-821□	820	M	100K/0.25V	1.0	1.10	0.85	821

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(2).IDC1:Base on temp.rise & ΔL/L0A ≤ 25% MAX

(3).IDC2:Temp.rise 40°C Typ

(4).Operating temp.: -40°C to +125°C

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