Shielded Power Inductors CDRI-D Series

Product Identification:

CDRI	-	3D16	HP	-	3R3	M
（1）		（2）	（3）		（4）	（5）

(1) Series

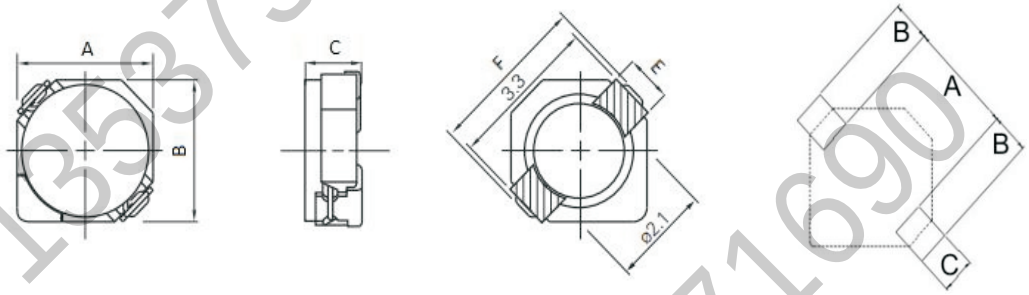
(2) Dimensions(L*H)

(3) Type

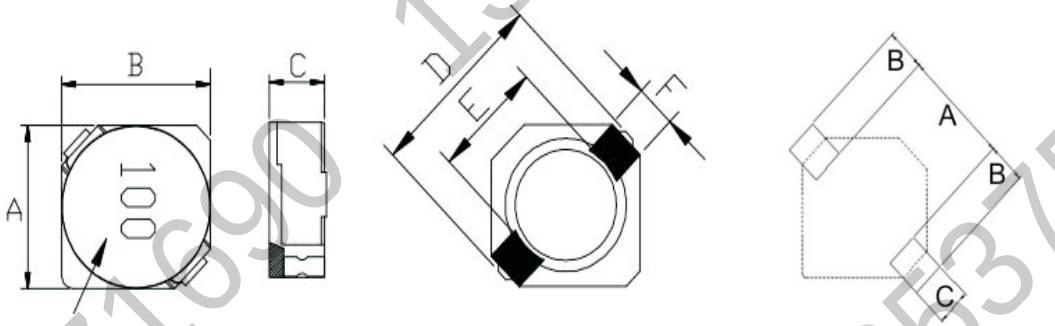
(4) Inductance (1R0=1.0uH，100=10uH，101=100uH)

(5) Tolerance(K(±10%), L(±15%)，M(±20%),N(±30%))

DIMENSIONS DRAWING:



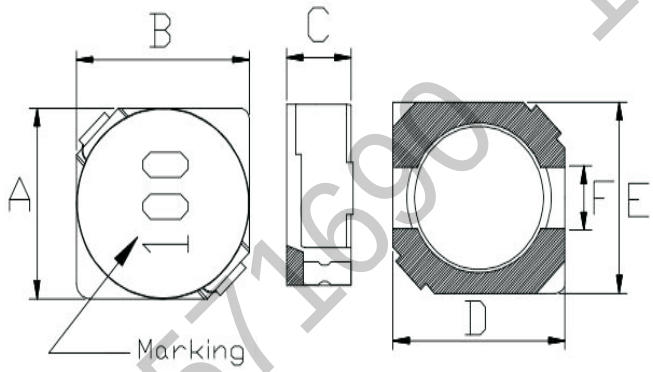
Shape and Dimensions							Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	E(mm)	F(mm)	-	A(mm)	B(mm)	C(mm)
CDRI-2D11B	3.2Max	3.2Max	1.2Max	1.0Typ	4.5Max	-	1.7Typ	1.3Typ	1.3Typ
CDRI-2D14	3.2Max	3.2Max	1.8Max	1.0Typ	4.5Max	-	1.7Typ	1.3Typ	1.3Typ

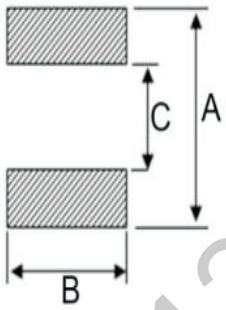


Shape and Dimensions							Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	A(mm)	B(mm)	C(mm)
CDRI-3D16HP	3.8±0.2	3.8±0.2	1.8Max	spec	2.8Typ	1.1Typ	2.4Typ	1.4Typ	1.5Typ

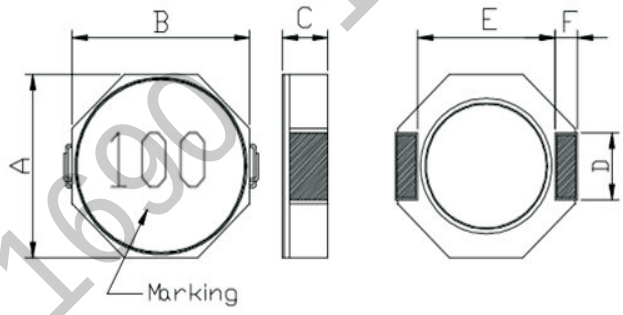
Shielded Power Inductors CDRI-D Series

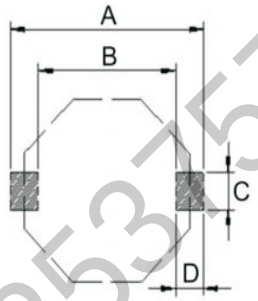
DIMENSIONS DRAWING:





Shape and Dimensions							Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	A(mm)	B(mm)	C(mm)
CDRI-3D16	3.8±0.2	3.8±0.2	1.6±0.3	3.7Typ	3.7Typ	1.2Typ	4.4Typ	4.4Typ	1.2Typ
CDRI-4D18	4.7±0.3	4.7±0.3	2.0Max	4.5Typ	4.5Typ	1.5Typ	5.3Typ	5.3Typ	1.5Typ
CDRI-4D28	4.7±0.3	4.7±0.3	3.0Max	4.5Typ	4.5Typ	1.5Typ	5.3Typ	5.3Typ	1.5Typ
CDRI-5D18	5.7±0.3	5.7±0.3	2.0Max	5.5Typ	5.5Typ	2.0Typ	6.3Typ	6.3Typ	2.0Typ
CDRI-5D28	5.7±0.3	5.7±0.3	3.0Max	5.5Typ	5.5Typ	2.0Typ	6.3Typ	6.3Typ	2.0Typ
CDRI-6D28	6.7±0.3	6.7±0.3	3.0Max	6.5Typ	6.5Typ	2.0Typ	7.3Typ	7.3Typ	2.0Typ
CDRI-6D38	6.7±0.3	6.7±0.3	4.0Max	6.5Typ	6.5Typ	2.0Typ	7.3Typ	7.3Typ	2.0Typ





Shape and Dimensions							Recommended Pattern			
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	A(mm)	B(mm)	C(mm)	D(mm)
CDRI-8D28	8.0±0.3	8.0±0.3	3.0Max	2.5Typ	6.3Typ	1.2Typ	10.1Typ	6.1Typ	2.8Typ	2.0Typ
CDRI-8D43	8.0±0.3	8.0±0.3	4.5Max	2.5Typ	6.3Typ	1.2Typ	10.1Typ	6.1Typ	2.8Typ	2.0Typ

Shielded Power Inductors CDRI - 2D11B Series

DIMENSIONS DRAWING:

Part Number	Inductance(uH) @100KHz/0.1V	DCR (mΩ)Max.	IDC1 (A) Max.	IDC2 (A) Max.	Marking
CDRI-2D11B-1R0P	1.0 ±25%	68.6	2.10	1.75	A
CDRI-2D11B-1R5P	1.5 ±25%	104	1.65	1.45	B
CDRI-2D11B-1R8P	1.8 ±25%	116	1.50	1.30	C
CDRI-2D11B-2R2P	2.2 ±25%	133	1.40	1.15	D
CDRI-2D11B-3R3P	3.3 ±25%	195	1.15	0.95	E
CDRI-2D11B-4R7P	4.7 ±25%	235	0.95	0.80	F
CDRI-2D11B-5R6P	5.6 ±25%	282	0.90	0.76	G
CDRI-2D11B-6R8P	6.8 ±25%	359	0.78	0.65	H
CDRI-2D11B-8R2P	8.2 ±25%	406	0.73	0.62	I
CDRI-2D11B-100P	10 ±25%	553	0.63	0.52	J

Shielded Power Inductors CDRI - 2D14 Series

DIMENSIONS DRAWING:

Part Number	Inductance(uH) @100KHz/0.1V	DCR (mΩ)Max.	IDC1 (A) Max.	IDC2 (A) Max.	Marking
CDRI-2D14-R21N	0.21 ±35%	21	3.80	4.74	A
CDRI-2D14-R36N	0.36 ±35%	26	3.25	4.10	B
CDRI-2D14-R60N	0.60 ±35%	33	2.20	3.45	C
CDRI-2D14-R82N	0.82 ±35%	39	2.10	2.85	D
CDRI-2D14-1R2N	1.2 ±30%	49	1.95	2.75	E
CDRI-2D14-1R5N	1.5 ±30%	63	1.80	2.00	F
CDRI-2D14-1R8N	1.8 ±30%	75	1.65	1.80	G
CDRI-2D14-2R2N	2.2 ±30%	94	1.50	1.60	H
CDRI-2D14-2R7N	2.7 ±30%	106	1.35	1.40	I
CDRI-2D14-3R3N	3.3 ±30%	125	1.20	1.24	J
CDRI-2D14-3R9N	3.9 ±30%	138	1.10	1.12	K
CDRI-2D14-4R7N	4.7 ±30%	169	1.00	1.00	D
CDRI-2D14-5R6N	5.6 ±30%	188	0.95	0.98	M
CDRI-2D14-6R8N	6.8 ±30%	213	0.85	0.92	N
CDRI-2D14-8R2N	8.2 ±30%	281	0.80	0.80	O
CDRI-2D14-100N	10 ±30%	294	0.70	0.76	P
CDRI-2D14-120N	12 ±30%	394	0.62	0.64	Q

(1).IDC1:Base on temp.rise & ΔD/D0A≦35% MAX

(2).IDC2:Temp.rise 40℃Typ

(3).Operating temp.:-40℃ to +125℃

(4).Storage temp.: -20°C up to +40°C, 75% RH max.

※:Rated DC Current： The Dess vaDue which is IDC1 or IDC2

Shielded Power Inductors CDRI - 3D16HP Series

DIMENSIONS DRAWING:

Part Number	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR(mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-3D16HP-1R0□	1	N	100KHz/0.1V	48m	2.5	2.8	1R0
CDRI-3D16HP-1R2□	1.2	N	100KHz/0.1V	49.5m	2.3	2.6	1R2
CDRI-3D16HP-1R5□	1.5	N	100KHz/0.1V	51m	2.0	2.4	1R5
CDRI-3D16HP-1R7□	1.7	N	100KHz/0.1V	51m	2.0	2.4	1R7
CDRI-3D16HP-2R2□	2.2	M N	100KHz/0.1V	59m	1.75	2.3	2R2
CDRI-3D16HP-3R3□	3.3	M N	100KHz/0.1V	85m	1.4	1.8	3R3
CDRI-3D16HP-4R7□	4.7	M N	100KHz/0.1V	0.116	1.2	1.5	4R7
CDRI-3D16HP-6R8□	6.8	M N	100KHz/0.1V	0.18	1.0	1.1	6R8
CDRI-3D16HP-100□	10	M N	100KHz/0.1V	0.23	0.84	1.0	100
CDRI-3D16HP-150□	15	M N	100KHz/0.1V	0.41	0.65	0.8	150
CDRI-3D16HP-220□	22	M N	100KHz/0.1V	0.61	0.55	0.52	220
CDRI-3D16HP-330□	33	M N	100KHz/0.1V	0.87	0.46	0.41	330
CDRI-3D16HP-470□	47	M N	100KHz/0.1V	0.95	0.42	0.37	470
CDRI-3D16HP-561□	560	M N	100KHz/0.1V	15	0.09	0.11	561

Shielded Power Inductors CDRI - 3D16 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-3D16-2R2□	2.2	M N	100KHz/0.1V	72m	1.2	2R2
CDRI-3D16-3R3□	3.3	M N	100KHz/0.1V	85m	1.1	3R3
CDRI-3D16-4R7□	4.7	M N	100KHz/0.1V	0.105	0.9	4R7
CDRI-3D16-6R2□	6.2	N	100KHz/0.1V	0.16	1.17	6R2
CDRI-3D16-6R8□	6.8	M N	100KHz/0.1V	0.17	0.73	6R8
CDRI-3D16-8R2□	8.2	N	100KHz/0.1V	0.2	0.65	8R2
CDRI-3D16-100□	10	M N	100KHz/0.1V	0.21	0.55	100
CDRI-3D16-150□	15	M N	100KHz/0.1V	0.295	0.45	150
CDRI-3D16-220□	22	M N	100KHz/0.1V	0.43	0.4	220
CDRI-3D16-330□	33	M N	100KHz/0.1V	0.675	0.32	330
CDRI-3D16-390□	39	M N	100KHz/0.1V	0.82	0.26	390
CDRI-3D16-470□	47	M N	100KHz/0.1V	0.99	0.24	470
CDRI-3D16-680□	68	M N	100KHz/0.1V	1.1	0.22	680
CDRI-3D16-101□	100	K M	100KHz/0.1V	1.4	0.17	101
CDRI-3D16-221□	220	K M	100KHz/0.1V	4.0	0.15	221

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

(2).IDC1:Base on temp.rise & ΔD/D0A≦35% MAX

(3).IDC2:Temp.rise 40℃Typ

(4).Operating temp.:-40℃ to +125℃

※:Rated DC Current： The Dess vaDue which is IDC1 or IDC2

Shielded Power Inductors CDRI - 4D18 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-4D18-1R0□	1.0	N	100KHz/0.1V	45m	1.72	1R0
CDRI-4D18-2R2□	2.2	N	100KHz/0.1V	75m	1.32	2R2
CDRI-4D18-2R7□	2.7	N	100KHz/0.1V	0.105	1.28	2R7
CDRI-4D18-3R3□	3.3	N	100KHz/0.1V	0.11	1.04	3R3
CDRI-4D18-3R9□	3.6	N	100KHz/0.1V	0.155	0.88	3R9
CDRI-4D18-4R7□	4.7	M N	100KHz/0.1V	0.162	0.84	4R7
CDRI-4D18-5R6□	5.6	M N	100KHz/0.1V	0.17	0.8	5R6
CDRI-4D18-6R8□	6.8	M N	100KHz/0.1V	0.2	0.76	6R8
CDRI-4D18-8R2□	8.2	M N	100KHz/0.1V	0.245	0.68	8R2
CDRI-4D18-100□	10	M N	100KHz/0.1V	0.26	0.6	100
CDRI-4D18-120□	12	M N	100KHz/0.1V	0.28	0.56	120
CDRI-4D18-150□	15	M N	100KHz/0.1V	0.31	0.5	150
CDRI-4D18-180□	18	M N	100KHz/0.1V	0.338	0.48	180
CDRI-4D18-220□	22	M N	100KHz/0.1V	0.397	0.41	220
CDRI-4D18-270□	27	M N	100KHz/0.2V	0.441	0.35	270
CDRI-4D18-330□	33	M N	100KHz/0.1V	0.694	0.32	330
CDRI-4D18-390□	39	M N	100KHz/0.1V	0.709	0.3	390
CDRI-4D18-101□	100	K M	100KHz/0.1V	1.4	0.2	101
CDRI-4D18-221□	220	K M	100KHz/0.1V	2.4	0.15	221

Shielded Power Inductors CDRI - 4D28 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-4D28-1R0□	1.0	N	100KHz/0.1V	23.6m	2.56	1R0
CDRI-4D28-1R2□	1.2	N	100KHz/0.1V	23.6m	2.56	1R2
CDRI-4D28-1R8□	1.8	N	100KHz/0.1V	27.5m	2.2	1R8
CDRI-4D28-2R2□	2.2	N	100KHz/0.1V	31.3m	2.04	2R2
CDRI-4D28-3R3□	3.3	N	100KHz/0.1V	49.2m	1.57	3R3
CDRI-4D28-4R7□	4.7	M N	100KHz/0.1V	72m	1.32	4R7
CDRI-4D28-5R6□	5.6	M N	100KHz/0.1V	0.101	1.17	5R6

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

(2).IDC:Base on temp.rise & ΔD/D0A≦35% MAX, Temp.rise 40℃Typ

(3).Operating temp.:-40℃ to +125℃

(4).Storage temp.: -20°C up to +40°C, 75% RH max.

Shielded Power Inductors CDRI - 4D28 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-4D28-6R8□	6.8	M N	100KHz/0.1V	0.109	1.12	6R8
CDRI-4D28-8R2□	8.2	M N	100KHz/0.1V	0.117	1.04	8R2
CDRI-4D28-100□	10	M N	100KHz/0.1V	0.128	1.0	100
CDRI-4D28-120□	12	M N	100KHz/0.1V	0.132	0.84	120
CDRI-4D28-150□	15	M N	100KHz/0.1V	0.149	0.76	150
CDRI-4D28-180□	18	M N	100KHz/0.1V	0.166	0.72	180
CDRI-4D28-220□	22	M N	100KHz/0.1V	0.235	0.7	220
CDRI-4D28-330□	33	M N	100KHz/0.1V	0.332	0.56	330
CDRI-4D28-470□	47	M N	100KHz/0.1V	0.587	0.48	470
CDRI-4D28-560□	56	M N	100KHz/0.1V	0.625	0.41	560
CDRI-4D28-680□	68	M N	100KHz/0.1V	0.699	0.35	680
CDRI-4D28-820□	82	M N	100KHz/0.1V	0.915	0.32	820
CDRI-4D28-101□	100	K M	100KHz/0.1V	1.02	0.29	101
CDRI-4D28-121□	120	K M	100KHz/0.1V	1.27	0.27	121
CDRI-4D28-151□	150	K M	100KHz/0.1V	1.35	0.24	151
CDRI-4D28-181□	180	K M	100KHz/0.1V	1.54	0.22	181

Shielded Power Inductors CDRI - 5D18 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-5D18-4R1□	4.1	N	100KHz/0.1V	57m	1.95	4R1
CDRI-5D18-5R4□	5.4	N	100KHz/0.1V	76m	1.6	5R4
CDRI-5D18-6R2□	6.2	M N	100KHz/0.1V	96m	1.4	6R2
CDRI-5D18-6R8□	6.8	M N	100KHz/0.1V	96m	1.4	6R8
CDRI-5D18-8R9□	8.9	M N	100KHz/0.1V	0.116	1.25	8R9
CDRI-5D18-100□	10	M N	100KHz/0.1V	0.124	1.2	100
CDRI-5D18-120□	12	M N	100KHz/0.1V	0.153	1.1	120
CDRI-5D18-150□	15	M N	100KHz/0.1V	0.196	0.97	150
CDRI-5D18-180□	18	M N	100KHz/0.1V	0.21	0.85	180

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

(2).IDC:Base on temp.rise & ΔD/D0A≦35% MAX, Temp.rise 40℃Typ

(3).Operating temp.:-40℃ to +125℃

(4).Storage temp.: -20°C up to +40°C, 75% RH max.

Shielded Power Inductors CDRI - 5D18 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-5D18-220□	22	M N	100KHz/0.1V	0.29	0.8	220
CDRI-5D18-270□	27	M N	100KHz/0.1V	0.33	0.8	270
CDRI-5D18-330□	33	M N	100KHz/0.1V	0.385	0.7	330
CDRI-5D18-390□	39	M N	100KHz/0.1V	0.52	0.6	390
CDRI-5D18-470□	47	M N	100KHz/0.1V	0.595	0.5	470
CDRI-5D18-560□	56	M N	100KHz/0.1V	0.665	0.5	560
CDRI-5D18-680□	68	M N	100KHz/0.1V	0.84	0.4	680
CDRI-5D18-820□	82	M N	100KHz/0.1V	0.978	0.4	820
CDRI-5D18-101□	100	K M	100KHz/0.1V	1.20	0.36	101

Shielded Power Inductors CDRI - 5D28 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-5D28-1R0□	1.0	N	100KHz/0.1V	12m	3.7	1R0
CDRI-5D28-1R2□	1.2	N	100KHz/0.1V	13m	3.5	1R2
CDRI-5D28-2R2□	2.2	N	100KHz/0.1V	18m	2.8	2R2
CDRI-5D28-2R5□	2.5	N	100KHz/0.1V	18m	2.6	2R5
CDRI-5D28-2R7□	2.7	N	100KHz/0.1V	18m	2.6	2R7
CDRI-5D28-3R0□	3.0	N	100KHz/0.1V	24m	2.4	3R0
CDRI-5D28-3R3□	3.3	M N	100KHz/0.1V	24m	2.4	3R3
CDRI-5D28-3R9□	3.9	N	100KHz/0.1V	31m	2.2	3R9
CDRI-5D28-4R2□	4.2	N	100KHz/0.1V	31m	2.2	4R2
CDRI-5D28-4R7□	4.7	M N	100KHz/0.1V	35m	2.0	4R7
CDRI-5D28-5R3□	5.3	N	100KHz/0.1V	38m	1.90	5R3
CDRI-5D28-6R2□	6.2	M N	100KHz/0.1V	45m	1.80	6R2
CDRI-5D28-6R6□	6.6	M N	100KHz/0.1V	45m	1.80	6R6
CDRI-5D28-8R2□	8.2	M N	100KHz/0.1V	53m	1.60	8R2
CDRI-5D28-100□	10	M N	100KHz/0.1V	65m	1.30	100
CDRI-5D28-120□	12	M N	100KHz/0.1V	76m	1.20	120

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

(2).IDC:Base on temp.rise & ΔD/D0A≦35% MAX, Temp.rise 40℃Typ

(3).Operating temp.:-40℃ to +125℃

(4).Storage temp.: -20°C up to +40°C, 75% RH max.

Shielded Power Inductors CDRI - 5D28 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-5D28-150□	15	M N	100KHz/0.1V	0.103	1.10	150
CDRI-5D28-180□	18	M N	100KHz/0.1V	0.110	1.00	180
CDRI-5D28-220□	22	M N	100KHz/0.1V	0.122	0.90	220
CDRI-5D28-270□	27	M N	100KHz/0.1V	0.175	0.85	270
CDRI-5D28-330□	33	M N	100KHz/0.1V	0.189	0.75	330
CDRI-5D28-390□	39	M N	100KHz/0.1V	0.212	0.70	390
CDRI-5D28-470□	47	M N	100KHz/0.1V	0.250	0.62	470
CDRI-5D28-560□	56	M N	100KHz/0.1V	0.305	0.58	560
CDRI-5D28-680□	68	M N	100KHz/0.1V	0.355	0.52	680
CDRI-5D28-820□	82	M N	100KHz/0.1V	0.463	0.46	820
CDRI-5D28-101□	100	M N	100KHz/0.1V	0.520	0.42	101
CDRI-5D28-151□	150	M N	100KHz/0.1V	1.050	0.35	151
CDRI-5D28-181□	180	M N	100KHz/0.1V	1.550	0.32	181

Shielded Power Inductors CDRI - 6D28 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-6D28-1R2□	1.2	N	100KHz/0.1V	14m	4.5	1R2
CDRI-6D28-2R2□	2.2	N	100KHz/0.1V	20m	3.5	2R2
CDRI-6D28-3R0□	3.0	N	100KHz/0.1V	24m	3	3R0
CDRI-6D28-3R3□	3.3	N	100KHz/0.1V	25m	3	3R3
CDRI-6D28-3R6□	3.6	N	100KHz/0.1V	27m	2.6	3R6
CDRI-6D28-3R9□	3.9	N	100KHz/0.1V	27m	2.6	3R9
CDRI-6D28-4R7□	4.7	M N	100KHz/0.1V	30m	2.5	4R7
CDRI-6D28-5R0□	5.0	N	100KHz/0.1V	31m	2.4	5R0
CDRI-6D28-6R0□	6.0	N	100KHz/0.1V	35m	2.25	6R0
CDRI-6D28-7R3□	7.3	N	100KHz/0.1V	54m	2.10	7R3
CDRI-6D28-8R6□	8.6	N	100KHz/0.1V	58m	1.85	8R6
CDRI-6D28-9R0□	9	M N	100KHz/0.1V	58m	1.85	9R0

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

(2).IDC:Base on temp.rise & ΔD/D0A≦35% MAX, Temp.rise 40℃Typ

(3).Operating temp.:-40℃ to +125℃

(4).Storage temp.: -20°C up to +40°C, 75% RH max.

Shielded Power Inductors CDRI - 6D28 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-6D28-100□	10	M N	100KHz/0.1V	65m	1.70	100
CDRI-6D28-120□	12	M N	100KHz/0.1V	70m	1.6	120
CDRI-6D28-150□	15	M N	100KHz/0.1V	84m	1.4	150
CDRI-6D28-180□	18	M N	100KHz/0.1V	95m	1.3	180
CDRI-6D28-220□	22	M N	100KHz/0.1V	0.128	1.2	220
CDRI-6D28-270□	27	M N	100KHz/0.1V	0.14	1.05	270
CDRI-6D28-330□	33	M N	100KHz/0.1V	0.165	0.97	330
CDRI-6D28-390□	39	M N	100KHz/0.1V	0.21	0.86	390
CDRI-6D28-470□	47	M N	100KHz/0.1V	0.238	0.8	470
CDRI-6D28-560□	56	M N	100KHz/0.1V	0.277	0.73	560
CDRI-6D28-680□	68	M N	100KHz/0.1V	0.304	0.65	680
CDRI-6D28-820□	82	M N	100KHz/0.1V	0.39	0.6	820
CDRI-6D28-101□	100	M N	100KHz/0.1V	0.535	0.54	101

Shielded Power Inductors CDRI - 6D38 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-6D38-1R0□	1.0	N	100KHz/0.1V	10m	4.5	1R0
CDRI-6D38-1R5□	1.5	N	100KHz/0.1V	11m	4.3	1R5
CDRI-6D38-2R2□	2.2	N	100KHz/0.1V	15m	4.0	2R2
CDRI-6D38-3R3□	3.3	M N	100KHz/0.1V	20m	3.5	3R3
CDRI-6D38-3R8□	3.8	N	100KHz/0.1V	20m	3.5	3R8
CDRI-6D38-5R0□	5.0	N	100KHz/0.1V	24m	2.9	5R0
CDRI-6D38-6R2□	6.2	N	100KHz/0.1V	27m	2.5	6R2
CDRI-6D38-6R8□	6.8	M N	100KHz/0.1V	29m	2.4	6R8
CDRI-6D38-7R4□	7.4	N	100KHz/0.1V	31m	2.3	7R4
CDRI-6D38-8R2□	8.2	N	100KHz/0.1V	34m	2.20	8R2
CDRI-6D38-8R7□	8.7	N	100KHz/0.1V	34m	2.20	8R7
CDRI-6D38-100□	10	M N	100KHz/0.1V	38m	2.00	100

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

(2).IDC:Base on temp.rise & ΔD/D0A≦35% MAX, Temp.rise 40℃Typ

(3).Operating temp.:-40℃ to +125℃

(4).Storage temp.: -20°C up to +40°C, 75% RH max.

Shielded Power Inductors CDRI - 6D38 Series

DIMENSIONS DRAWING:

Part Nuber	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR (Ω) Max.	IDC (A)	MARK
CDRI-6D38-120□	12	M N	100KHz/0.1V	53m	1.7	120
CDRI-6D38-150□	15	M N	100KHz/0.1V	57m	1.6	150
CDRI-6D38-180□	18	M N	100KHz/0.1V	92m	1.5	180
CDRI-6D38-220□	22	M N	100KHz/0.1V	96m	1.3	220
CDRI-6D38-270□	27	M N	100KHz/0.1V	0.11	1.2	270
CDRI-6D38-330□	33	M N	100KHz/0.1V	0.124	1.1	330
CDRI-6D38-390□	39	M N	100KHz/0.1V	0.138	1.0	390
CDRI-6D38-470□	47	M N	100KHz/0.1V	0.155	0.95	470
CDRI-6D38-560□	56	M N	100KHz/0.1V	0.202	0.85	560
CDRI-6D38-680□	68	M N	100KHz/0.1V	0.234	0.75	680
CDRI-6D38-820□	82	M N	100KHz/0.1V	0.324	0.7	820
CDRI-6D38-101□	100	M N	100KHz/0.1V	0.358	0.65	101
CDRI-6D38-331□	330	M N	100KHz/0.1V	1.55	0.35	331

※:IDC:Base on temp.rise & ΔD/D0A≦35% MAX, Temp.rise 40℃Typ

Shielded Power Inductors CDRI - 8D28 Series

DIMENSIONS DRAWING:

Part Number	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR(mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-8D28-2R5□	2.5	N	100K/0.25V	15.6	4.5	6.4	2R5
CDRI-8D28-3R3□	3.3	M N	100K/0.25V	18.2	4.0	6.0	3R3
CDRI-8D28-3R6□	3.6	M N	100K/0.25V	24	3.8	4.6	3R6
CDRI-8D28-4R7□	4.7	M N	100K/0.25V	24.7	3.4	4.5	4R7
CDRI-8D28-7R3□	7.3	N	100K/0.25V	39	2.8	3.4	7R3
CDRI-8D28-100□	10	M N	100K/0.25V	47	2.5	3.2	100
CDRI-8D28-150□	15	M N	100K/0.25V	69	1.9	2.35	150
CDRI-8D28-220□	22	M N	100K/0.25V	99	1.6	1.85	220
CDRI-8D28-330□	33	M N	100K/0.25V	156	1.3	1.45	330
CDRI-8D28-470□	47	M N	100K/0.25V	195	1.15	1.3	470
CDRI-8D28-680□	68	M N	100K/0.25V	286	0.92	0.98	680
CDRI-8D28-101□	100	M N	100K/0.25V	430	0.75	0.8	101

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

(2).IDC1:Base on temp.rise & ΔD/D0A≦35% MAX

(3).IDC2:Temp.rise 40℃Typ

(4).Operating temp.:-40℃ to +125℃

※:Rated DC Current： The Dess vaDue which is IDC1 or IDC2

Shielded Power Inductors CDRI - 8D43 Series

DIMENSIONS DRAWING:

Part Number	Inductance (uH)	Tolerance	TEST FREQ. (Hz)	DCR(mΩ) Max	IDC1 (A) Max.	IDC2 (A) Max.	MARK
CDRI-8D43-R68□	0.68	N	100K/0.25V	9	9	8	R68
CDRI-8D43-1R0□	1.0	N	100K/0.25V	12.2	8	6.2	1R0
CDRI-8D43-1R2□	1.2	N	100K/0.25V	12.2	8	6.2	1R2
CDRI-8D43-2R0□	2	N	100K/0.25V	14	7	5.5	2R0
CDRI-8D43-2R2□	2.2	N	100K/0.25V	16	6.8	5.0	2R2
CDRI-8D43-3R6□	3.6	N	100K/0.25V	19	5.9	4.5	3R6
CDRI-8D43-3R9□	3.9	N	100K/0.25V	19	5.9	4.5	3R9
CDRI-8D43-4R7□	4.7	M N	100K/0.25V	22	5.6	4.1	4R7
CDRI-8D43-5R6□	5.6	N	100K/0.25V	24	4.3	4.0	5R6
CDRI-8D43-6R8□	6.8	M N	100K/0.25V	25	4.4	3.9	6R8
CDRI-8D43-8R2□	8.2	M N	100K/0.25V	33	4.2	3.6	8R2
CDRI-8D43-100□	10	M N	100K/0.25V	36	4.0	3.2	100
CDRI-8D43-150□	15	M N	100K/0.25V	62	2.9	2.3	150
CDRI-8D43-220□	22	M N	100K/0.25V	75	2.60	1.80	220
CDRI-8D43-330□	33	M N	100K/0.25V	125	2.20	1.14	330
CDRI-8D43-470□	47	M N	100K/0.25V	150	1.80	1.30	470
CDRI-8D43-680□	68	M N	100K/0.25V	240	1.50	1.00	680
CDRI-8D43-101□	100	M N	100K/0.25V	360	1.30	0.80	101
CDRI-8D43-121□	120	M N	100K/0.25V	510	1.00	0.70	121

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

(2).IDC1:Base on temp.rise & ΔD/D0A≦35% MAX

(3).IDC2:Temp.rise 40℃Typ

(4).Operating temp.:-40℃ to +125℃

※:Rated DC Current： The Dess vaDue which is IDC1 or IDC2