

发行日期: _____

承认书编号: _____

承认书 Approval Sheet

客户名称 Customer : _____
爱伦料号 Aillen P/N : CD Series
规格描述 Description : Wire Wound SMD Inductors
客户料号 Customer P/N : _____

客户接收
接收日期: _____

接收者	检验者	确认	审核	客户盖章

供应商

编制	确认	审核	公司盖章
常斯琴	/	彭旭	

爱伦电子科技有限公司

Aillen Electronic Technology Limited

香港:香港湾仔庄士敦道 181 号大有大厦 10 楼 1001 室
ADD:1001R.10F Taiyau Building.181 Johnston Road.Wanchai H.K
TEL: 00852-36458129 FAX: 00852-36458092
东莞:广东省东莞市东城区东莞大道 11 号环球经贸中心 A805
ADD:A805 TBA Tower NO. 11 DongGuan Road ,DongGuan,GuangDong
TEL: 0769-23124124 /88050188 FAX: 0769-23124135

<http://www.aillen.com>

E-mail: skychung@aillen.com

Version change history

Rev.	Effective Date	Changed Contents	Change Reasons	Approved By
01	/	New release	/	/

1. Features

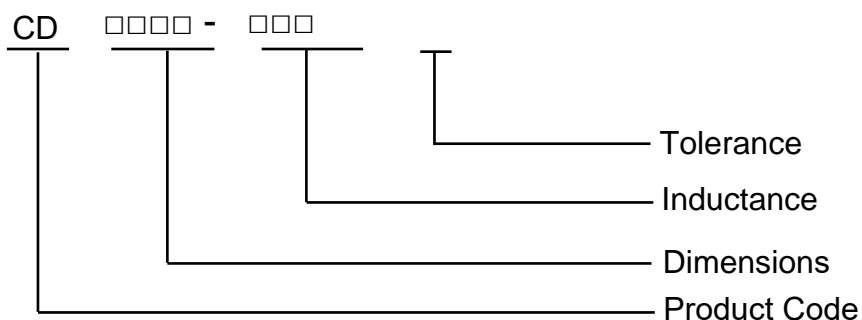
- High saturation current
- Magnetic shielded
- SMT type, suitable for reflow soldering.



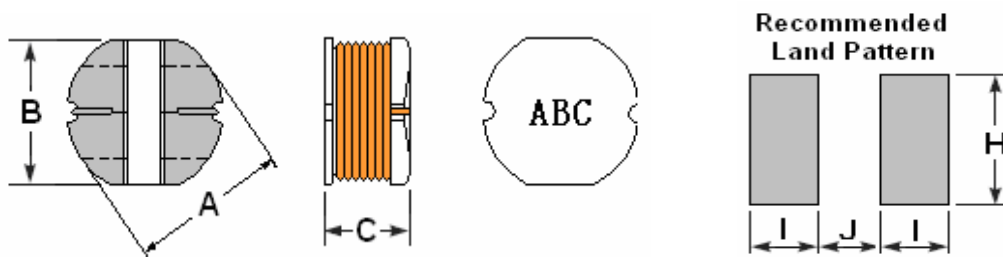
2. APPLICATIONS

- OA equipment, Notebook Computer
- LCD televisions
- DC/DC converters etc.

3. PRODUCT IDENTIFICATION



4. SHAPES AND DIMENSIONS



Unit: mm

Series	A	B	C	I typ.	J typ.	H typ.
CD31	3.5±0.3	3.0±0.3	1.6±0.3	1.6	0.8	3.5
CD32	3.5±0.3	3.0±0.3	2.1±0.3	1.6	0.8	3.5
CD42	4.5±0.3	4.0±0.3	2.0±0.3	1.9	1.2	4.5
CD43	4.5±0.3	4.0±0.3	3.2±0.3	1.9	1.2	4.5
CD52	5.8±0.3	5.2±0.3	2.0±0.3	2.2	1.6	5.4
CD53	5.8±0.3	5.2±0.3	3.0±0.3	2.2	1.6	5.4
CD54	5.8±0.3	5.2±0.3	4.5±0.3	2.2	1.6	5.4
CD73	7.8±0.3	7.0±0.3	3.5±0.3	3.0	2.0	7.5
CD75	7.8±0.3	7.0±0.3	5.0±0.3	3.0	2.0	7.5
CD104	10.0±0.3	9.0±0.3	4.0±0.3	3.75	2.5	9.5
CD105	10.0±0.3	9.0±0.3	5.4±0.3	3.75	2.5	9.5

Electrical Characteristics**I. CD31 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS&TEST CONDITIONS**

Part Number	L(μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD31-1R0M	1.0	$\pm 20\%$	100 kHz,0.25V	0.058	1.60
CD31-1R5M	1.5	$\pm 20\%$	100 kHz,0.25V	0.078	1.55
CD31-2R2M	2.2	$\pm 20\%$	100 kHz,0.25V	0.100	1.47
CD31-3R3M	3.3	$\pm 20\%$	100 kHz,0.25V	0.126	1.34
CD31-4R7M	4.7	$\pm 20\%$	100kHz,0.25V	0.158	1.22
CD31-5R6M	5.6	$\pm 20\%$	100 kHz,0.25V	0.186	1.09
CD31-6R8M	6.8	$\pm 20\%$	100 kHz,0.25V	0.213	0.96
CD31-8R2M	8.2	$\pm 20\%$	100kHz,0.25V	0.238	0.84
CD31-100K	10	$\pm 10\%$	100kHz,0.25V	0.307	0.70
CD31-150K	15	$\pm 10\%$	100kHz,0.25V	0.466	0.59
CD31-220K	22	$\pm 10\%$	100kHz,0.25V	0.656	0.48
CD31-270K	27	$\pm 10\%$	100kHz,0.25V	0.774	0.43
CD31-330K	33	$\pm 10\%$	100kHz,0.25V	1.021	0.37
CD31-390K	39	$\pm 10\%$	100kHz,0.25V	1.122	0.32
CD31-470K	47	$\pm 10\%$	100kHz,0.25V	1.509	0.26
CD31-560K	56	$\pm 10\%$	100kHz,0.25V	1.675	0.24

II. CD32TYPEINDUCTORSELECTRICALCHARACTERISTICS&TESTCONDITIONS

Part Number	L(μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD32-1R0M	1.0	$\pm 20\%$	100 kHz,0.25V	0.048	1.75
CD32-1R5M	1.5	$\pm 20\%$	100 kHz,0.25V	0.060	1.85
CD32-1R8M	1.8	$\pm 20\%$	100 kHz,0.25V	0.070	1.70
CD32-2R2M	2.2	$\pm 20\%$	100 kHz,0.25V	0.072	1.68
CD32-2R7M	2.7	$\pm 20\%$	100kHz,0.25V	0.090	1.55
CD32-3R3M	3.3	$\pm 20\%$	100 kHz,0.25V	0.108	1.58
CD32-3R9M	3.9	$\pm 20\%$	100 kHz,0.25V	0.115	1.30
CD32-4R7M	4.7	$\pm 20\%$	100kHz,0.25V	0.172	1.50
CD32-5R6M	5.6	$\pm 20\%$	100 kHz,0.25V	0.192	1.36
CD32-6R8M	6.8	$\pm 20\%$	100 kHz,0.25V	0.219	1.22
CD32-8R2M	8.2	$\pm 20\%$	100kHz,0.25V	0.247	1.09
CD32-100K	10	$\pm 10\%$	100kHz,0.25V	0.286	0.95
CD32-120K	12	$\pm 10\%$	100kHz,0.25V	0.325	0.88
CD32-150K	15	$\pm 10\%$	100kHz,0.25V	0.468	0.82
CD32-180K	18	$\pm 10\%$	100kHz,0.25V	0.546	0.76
CD32-220K	22	$\pm 10\%$	100kHz,0.25V	0.650	0.63
CD32-270K	27	$\pm 10\%$	100kHz,0.25V	0.850	0.62
CD32-330K	33	$\pm 10\%$	100kHz,0.25V	0.962	0.56
CD32-390K	39	$\pm 10\%$	100kHz,0.25V	1.05	0.51
CD32-470K	47	$\pm 10\%$	100kHz,0.25V	1.25	0.47
CD32-560K	56	$\pm 10\%$	100kHz,0.25V	1.59	0.42
CD32-680K	68	$\pm 10\%$	100kHz,0.25V	1.82	0.38
CD32-820K	82	$\pm 10\%$	100kHz,0.25V	2.44	0.34
CD32-101K	100	$\pm 10\%$	100kHz,0.25V	2.84	0.31
CD32-151K	150	$\pm 10\%$	100kHz,0.25V	2.62	0.25

III. CD42 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD42-1R0M	1.0	±20%	100kHz,0.25V	0.050	3.00
CD42-1R5M	1.5	±20%	100kHz,0.25V	0.055	2.80
CD42-2R2M	2.2	±20%	100kHz,0.25V	0.065	1.50
CD42-3R3M	3.3	±20%	100kHz,0.25V	0.078	1.35
CD42-4R7M	4.7	±20%	100kHz,0.25V	0.095	1.20
CD42-6R8M	6.8	±20%	100kHz,0.25V	0.125	1.10
CD42-8R2M	8.2	±20%	100kHz,0.25V	0.150	1.02
CD42-100K	10	±10%	100kHz,0.25V	0.180	0.90
CD42-150K	15	±10%	100kHz,0.25V	0.470	0.82
CD42-180K	18	±10%	100kHz,0.25V	0.480	0.75
CD42-220K	22	±10%	100kHz,0.25V	0.450	0.60
CD42-260K	26	±10%	100kHz,0.25V	0.470	0.55
CD42-330K	33	±10%	100kHz,0.25V	0.500	0.54
CD42-390K	39	±10%	100kHz,0.25V	0.700	0.50
CD42-470K	47	±10%	100kHz,0.25V	0.800	0.48
CD42-560K	56	±10%	100kHz,0.25V	0.900	0.45
CD42-101K	100	±10%	100kHz,0.25V	1.500	0.10
CD42-151K	150	±10%	100kHz,0.25V	2.300	0.09

III. CD43 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD43-1R0M	1.0	±20%	100kHz,0.25V	0.033	2.85
CD43-1R5M	1.5	±20%	100kHz,0.25V	0.055	2.20
CD43-2R2M	2.2	±20%	100kHz,0.25V	0.047	1.95
CD43-3R3M	3.3	±20%	100kHz,0.25V	0.058	1.84
CD43-3R9M	3.9	±20%	100kHz,0.25V	0.090	1.70
CD43-4R7M	4.7	±20%	100kHz,0.25V	0.094	1.70
CD43-5R6M	5.6	±20%	100kHz,0.25V	0.120	1.60
CD43-6R8M	6.8	±20%	100kHz,0.25V	0.117	1.41
CD43-8R2M	8.2	±20%	100kHz,0.25V	0.132	1.26
CD43-100K	10	±10%	100kHz,0.25V	0.182	1.15
CD43-120K	12	±10%	100kHz,0.25V	0.210	1.05
CD43-150K	15	±10%	100kHz,0.25V	0.235	0.92
CD43-180K	18	±10%	100kHz,0.25V	0.338	0.84
CD43-220K	22	±10%	100kHz,0.25V	0.378	0.76
CD43-270K	27	±10%	100kHz,0.25V	0.522	0.71
CD43-330K	33	±10%	100kHz,0.25V	0.540	0.64
CD43-390K	39	±10%	100kHz,0.25V	0.650	0.59
CD43-470K	47	±10%	100kHz,0.25V	0.844	0.54
CD43-560K	56	±10%	100kHz,0.25V	0.937	0.50
CD43-680K	68	±10%	100kHz,0.25V	1.117	0.46
CD43-820K	82	±10%	100kHz,0.25V	1.180	0.43
CD43-101K	100	±10%	100kHz,0.25V	1.190	0.41
CD43-151K	150	±10%	100kHz,0.25V	1.40	0.35
CD43-221K	220	±10%	100kHz,0.25V	2.26	0.29
CD43-331K	330	±10%	100kHz,0.25V	4.50	0.20
CD43-471K	470	±10%	100kHz,0.25V	5.50	0.16
CD43-561K	560	±10%	100kHz,0.25V	6.00	0.14
CD43-681K	680	±10%	100kHz,0.25V	6.80	0.13
CD43-821K	820	±10%	100kHz,0.25V	8.00	0.12
CD43-102K	1000	±10%	100kHz,0.25V	15.6	0.14

III. CD52 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD52-1R0M	1.0	±20%	100kHz,0.25V	0.050	3.20
CD52-1R5M	1.5	±20%	100kHz,0.25V	0.065	3.00
CD52-2R2M	2.2	±20%	100kHz,0.25V	0.080	2.80
CD52-3R3M	3.3	±20%	100kHz,0.25V	0.120	2.40
CD52-4R7M	4.7	±20%	100kHz,0.25V	0.150	1.80
CD52-5R6M	5.6	±20%	100kHz,0.25V	0.160	1.50
CD52-100K	10	±10%	100kHz,0.25V	0.230	1.10
CD52-150K	15	±10%	100kHz,0.25V	0.300	1.00
CD52-220K	22	±10%	100kHz,0.25V	0.400	0.85
CD52-330K	33	±10%	100kHz,0.25V	0.550	0.70
CD52-470K	47	±10%	100kHz,0.25V	0.750	0.55
CD52-680K	68	±10%	100kHz,0.25V	1.200	0.45
CD52-101K	100	±10%	100kHz,0.25V	1.750	0.35
CD52-151K	150	±10%	100kHz,0.25V	2.600	0.22
CD52-221K	220	±10%	100kHz,0.25V	4.000	0.19
CD52-271K	270	±10%	100kHz,0.25V	4.200	0.20

IV. CD53 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD53-1R0M	1.0	±20%	100kHz,0.25V	0.038	4.50
CD53-1R5M	1.5	±20%	100kHz,0.25V	0.041	4.00
CD53-2R2M	2.2	±20%	100kHz,0.25V	0.045	3.50
CD53-3R3M	3.3	±20%	100kHz,0.25V	0.055	2.80
CD53-4R7M	4.7	±20%	100kHz,0.25V	0.072	2.50
CD53-6R8M	6.8	±20%	100kHz,0.25V	0.090	2.20
CD53-8R2M	8.2	±20%	100kHz,0.25V	0.100	2.00
CD53-100K	10	±10%	100kHz,0.25V	0.120	1.80
CD53-150K	15	±10%	100kHz,0.25V	0.150	1.70
CD53-220K	22	±10%	100kHz,0.25V	0.220	1.50
CD53-270K	27	±10%	100kHz,0.25V	0.240	1.40
CD53-330K	33	±10%	100kHz,0.25V	0.300	1.10
CD53-470K	47	±10%	100kHz,0.25V	0.430	0.90
CD53-680K	68	±10%	100kHz,0.25V	0.600	0.80
CD53-101K	100	±10%	100kHz,0.25V	0.900	0.60
CD53-151K	150	±10%	100kHz,0.25V	1.300	0.43
CD53-181K	180	±10%	100kHz,0.25V	1.500	0.41
CD53-221K	220	±10%	100kHz,0.25V	2.000	0.38
CD53-331K	330	±10%	100kHz,0.25V	3.200	0.28

VI. CD54 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD54-R47M	0.47	±20%	100kHz,0.25V	0.012	4.80
CD54-1R0M	1.0	±20%	100kHz,0.25V	0.020	4.00
CD54-1R5M	1.5	±20%	100kHz,0.25V	0.025	3.80
CD54-2R2M	2.2	±20%	100kHz,0.25V	0.027	3.50
CD54-3R3M	3.3	±20%	100kHz,0.25V	0.034	3.00
CD54-4R7M	4.7	±20%	100kHz,0.25V	0.040	2.80
CD54-6R8M	6.8	±20%	100kHz,0.25V	0.080	2.50
CD54-8R2M	8.2	±20%	100kHz,0.25V	0.090	2.10
CD54-100K	10	±10%	100kHz,0.25V	0.100	1.50

VI. CD54 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L (μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD54-120K	12	±10%	100kHz,0.25V	0.120	1.40
CD54-150K	15	±10%	100kHz,0.25V	0.140	1.30
CD54-180K	18	±10%	100kHz,0.25V	0.150	1.23
CD54-220K	22	±10%	100kHz,0.25V	0.180	1.11
CD54-270K	27	±10%	100kHz,0.25V	0.200	0.97
CD54-330K	33	±10%	100kHz,0.25V	0.230	0.88
CD54-390K	39	±10%	100kHz,0.25V	0.320	0.80
CD54-470K	47	±10%	100kHz,0.25V	0.370	0.72
CD54-560K	56	±10%	100kHz,0.25V	0.420	0.68
CD54-680K	68	±10%	100kHz,0.25V	0.460	0.61
CD54-820K	82	±10%	100kHz,0.25V	0.600	0.58
CD54-101K	100	±10%	100kHz,0.25V	0.700	0.52
CD54-121K	120	±10%	100kHz,0.25V	0.930	0.48
CD54-151K	150	±10%	100kHz,0.25V	1.100	0.40
CD54-181K	180	±10%	100kHz,0.25V	1.380	0.38
CD54-221K	220	±10%	100kHz,0.25V	1.570	0.35
CD54-331K	330	±10%	100kHz,0.25V	3.000	0.22
CD54-471K	470	±10%	100kHz,0.25V	4.000	0.19
CD54-561K	560	±10%	100kHz,0.25V	4.000	0.18
CD54-681K	680	±10%	100kHz,0.25V	4.500	0.15
CD54-821K	820	±10%	100kHz,0.25V	5.200	0.17
CD54-102K	1000	±10%	100kHz,0.25V	5.500	0.15

V. CD73 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L (μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD73-1R0M	1.0	±20%	100kHz,0.25V	0.018	5.50
CD73-2R2M	2.2	±20%	100kHz,0.25V	0.023	4.50
CD73-2R5M	2.5	±20%	100kHz,0.25V	0.023	4.20
CD73-3R3M	3.3	±20%	100kHz,0.25V	0.025	4.00
CD73-4R7M	4.7	±20%	100kHz,0.25V	0.039	3.50
CD73-6R8M	6.8	±20%	100kHz,0.25V	0.040	2.80
CD73-100K	10	±10%	100kHz,0.25V	0.080	1.44
CD73-120K	12	±10%	100kHz,0.25V	0.090	1.39
CD73-150K	15	±10%	100kHz,0.25V	0.100	1.24
CD73-180K	18	±10%	100kHz,0.25V	0.110	1.12
CD73-220K	22	±10%	100kHz,0.25V	0.130	1.07
CD73-270K	27	±10%	100kHz,0.25V	0.150	0.94
CD73-330K	33	±10%	100kHz,0.25V	0.170	0.85
CD73-390K	39	±10%	100kHz,0.25V	0.220	0.74
CD73-470K	47	±10%	100kHz,0.25V	0.250	0.68
CD73-560K	56	±10%	100kHz,0.25V	0.280	0.64
CD73-680K	68	±10%	100kHz,0.25V	0.330	0.59
CD73-820K	82	±10%	100kHz,0.25V	0.410	0.54
CD73-101K	100	±10%	100kHz,0.25V	0.480	0.51
CD73-121K	120	±10%	100kHz,0.25V	0.540	0.49
CD73-151K	150	±10%	100kHz,0.25V	0.600	0.45
CD73-181K	180	±10%	100kHz,0.25V	0.720	0.40
CD73-221K	220	±10%	100kHz,0.25V	1.200	0.45
CD73-271K	270	±10%	100kHz,0.25V	1.300	0.37
CD73-331K	330	±10%	100kHz,0.25V	1.490	0.35
CD73-471K	470	±10%	100kHz,0.25V	2.200	0.30
CD73-561K	560	±10%	100kHz,0.25V	2.400	0.25

VII. CD75 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD75-1R0M	1.0	±20%	100kHz,0.25V	0.019	5.80
CD75-1R5M	1.5	±20%	100kHz,0.25V	0.028	5.30
CD75-2R2M	2.2	±20%	100kHz,0.25V	0.035	4.50
CD75-3R3M	3.3	±20%	100kHz,0.25V	0.045	4.00
CD75-4R7M	4.7	±20%	100kHz,0.25V	0.058	3.20
CD75-6R8M	6.8	±20%	100kHz,0.25V	0.070	2.80
CD75-8R2M	8.2	±20%	100kHz,0.25V	0.075	2.50
CD75-100K	10	±10%	100kHz,0.25V	0.078	2.30
CD75-120K	12	±10%	100kHz,0.25V	0.085	2.00
CD75-150K	15	±10%	100kHz,0.25V	0.090	1.80
CD75-180K	18	±10%	100kHz,0.25V	0.100	1.60
CD75-220K	22	±10%	100kHz,0.25V	0.110	1.50
CD75-270K	27	±10%	100kHz,0.25V	0.120	1.30
CD75-330K	33	±10%	100kHz,0.25V	0.130	1.20
CD75-390K	39	±10%	100kHz,0.25V	0.160	1.10
CD75-470K	47	±10%	100kHz,0.25V	0.180	1.00
CD75-560K	56	±10%	100kHz,0.25V	0.240	0.94
CD75-680K	68	±10%	100kHz,0.25V	0.280	0.85
CD75-820K	82	±10%	100kHz,0.25V	0.370	0.78
CD75-101K	100	±10%	100kHz,0.25V	0.430	0.72
CD75-121K	120	±10%	100kHz,0.25V	0.470	0.66
CD75-151K	150	±10%	100kHz,0.25V	0.640	0.58
CD75-181K	180	±10%	100kHz,0.25V	0.710	0.51
CD75-221K	220	±10%	100kHz,0.25V	0.960	0.49
CD75-271K	270	±10%	100kHz,0.25V	1.110	0.42
CD75-331K	330	±10%	100kHz,0.25V	1.260	0.40
CD75-391K	390	±10%	100kHz,0.25V	1.770	0.36
CD75-471K	470	±10%	100kHz,0.25V	1.960	0.34
CD75-681K	680	±10%	100kHz,0.25V	2.180	0.27
CD75-102K	1000	±10%	100kHz,0.25V	3.850	0.20

VIII. CD104 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD104-1R0M	1.0	±20%	100kHz,0.25V	0.012	6.70
CD104-2R2M	2.2	±20%	100kHz,0.25V	0.020	5.40
CD104-3R3M	3.3	±20%	100kHz,0.25V	0.028	3.85
CD104-4R7M	4.7	±20%	100kHz,0.25V	0.038	3.25
CD104-6R8M	6.8	±20%	100kHz,0.25V	0.042	2.95
CD104-8R2M	8.2	±20%	100kHz,0.25V	0.048	2.70
CD104-100K	10	±10%	100kHz,0.25V	0.050	2.38
CD104-120K	12	±10%	100kHz,0.25V	0.060	2.10
CD104-150K	15	±10%	100kHz,0.25V	0.070	1.87
CD104-180K	18	±10%	100kHz,0.25V	0.080	1.73
CD104-220K	22	±10%	100kHz,0.25V	0.090	1.60
CD104-270K	27	±10%	100kHz,0.25V	0.100	1.44
CD104-330K	33	±10%	100kHz,0.25V	0.120	1.26
CD104-390K	39	±10%	100kHz,0.25V	0.150	1.20
CD104-470K	47	±10%	100kHz,0.25V	0.170	1.10

IX. CD104 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD104-560K	56	±10%	100kHz,0.25V	0.200	1.01
CD104-680K	68	±10%	100kHz,0.25V	0.220	0.91
CD104-820K	82	±10%	100kHz,0.25V	0.250	0.85
CD104-101K	100	±10%	100kHz,0.25V	0.340	0.74
CD104-121K	120	±10%	100kHz,0.25V	0.400	0.69
CD104-151K	150	±10%	100kHz,0.25V	0.540	0.61
CD104-181K	180	±10%	100kHz,0.25V	0.620	0.56
CD104-221K	220	±10%	100kHz,0.25V	0.720	0.53
CD104-271K	270	±10%	100kHz,0.25V	0.950	0.45
CD104-331K	330	±10%	100kHz,0.25V	1.100	0.42
CD104-391K	390	±10%	100kHz,0.25V	1.240	0.38
CD104-471K	470	±10%	100kHz,0.25V	1.530	0.35
CD104-561K	560	±10%	100kHz,0.25V	1.900	0.32

X. CD105 TYPE INDUCTORS ELECTRICAL CHARACTERISTICS & TEST CONDITIONS

Part Number	L(μ H)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
CD105-1R0M	1.0	±20%	100kHz,0.25V	0.010	8.63
CD105-2R2M	2.2	±20%	100kHz,0.25V	0.017	7.20
CD105-3R3M	3.3	±20%	100kHz,0.25V	0.019	6.50
CD105-4R7M	4.7	±20%	100kHz,0.25V	0.022	5.50
CD105-6R8M	6.8	±20%	100kHz,0.25V	0.040	4.50
CD105-8R2M	8.2	±20%	100kHz,0.25V	0.050	3.50
CD105-100K	10	±10%	100kHz,0.25V	0.060	2.60
CD105-120K	12	±10%	100kHz,0.25V	0.062	2.10
CD105-150K	15	±10%	100kHz,0.25V	0.070	1.72
CD105-180K	18	±10%	100kHz,0.25V	0.080	1.58
CD105-220K	22	±10%	100kHz,0.25V	0.090	1.42
CD105-270K	27	±10%	100kHz,0.25V	0.100	1.32
CD105-330K	33	±10%	100kHz,0.25V	0.110	1.16
CD105-390K	39	±10%	100kHz,0.25V	0.120	1.10
CD105-470K	47	±10%	100kHz,0.25V	0.140	1.00
CD105-560K	56	±10%	100kHz,0.25V	0.190	0.93
CD105-680K	68	±10%	100kHz,0.25V	0.210	0.85
CD105-820K	82	±10%	100kHz,0.25V	0.280	0.79
CD105-101K	100	±10%	100kHz,0.25V	0.340	0.72
CD105-121K	120	±10%	100kHz,0.25V	0.370	0.63
CD105-151K	150	±10%	100kHz,0.25V	0.510	0.55
CD105-181K	180	±10%	100kHz,0.25V	0.570	0.50
CD105-221K	220	±10%	100kHz,0.25V	0.780	0.47
CD105-271K	270	±10%	100kHz,0.25V	0.870	0.41
CD105-331K	330	±10%	100kHz,0.25V	1.200	0.37
CD105-391K	390	±10%	100kHz,0.25V	1.350	0.35
CD105-471K	470	±10%	100kHz,0.25V	1.500	0.33
CD105-561K	560	±10%	100kHz,0.25V	1.900	0.30
CD105-681K	680	±10%	100kHz,0.25V	2.250	0.28
CD105-821K	820	±10%	100kHz,0.25V	2.550	0.24
CD105-102K	1000	±10%	100kHz,0.25V	2.600	0.30
CD105-222K	2200	±10%	100kHz,0.25V	6.750	0.15

Isat: Saturation Current, the current when the inductance becomes 10% lower than its initial value.