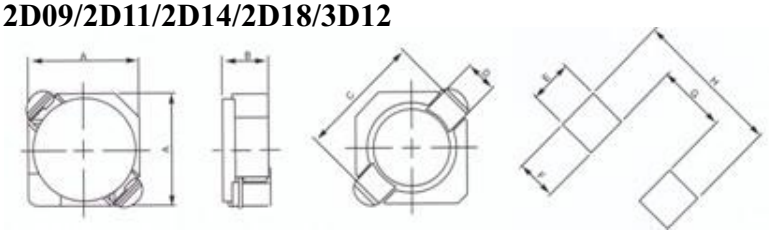
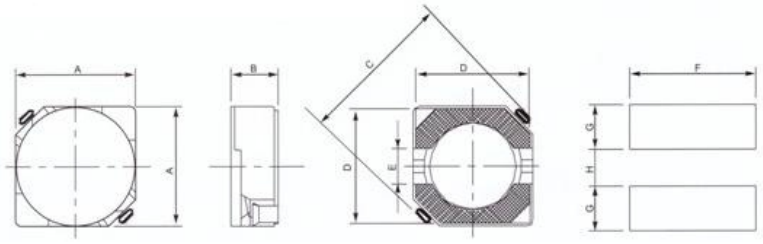
GCDH Series

Dimensions and Land Patterns.（UNIT: mm）

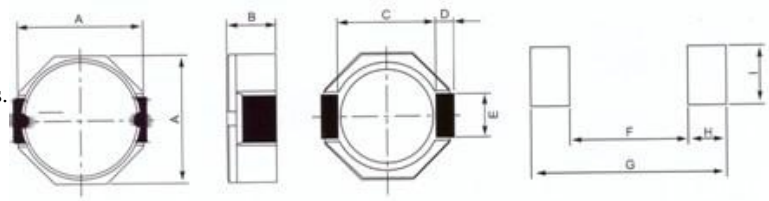
2D09/2D11/2D14/2D18/3D12



3D16/3D28/4D18/4D28/5D18/5D28/5D48/6D28/6D38



8D28/8D38/8D43/8D58



Applications：

Ideal use in variety of DC-DC converter inductor applications.
Mobile Phones, DSC,DVC,PDA,LCD panel, Mobile Set. Etc.

Operating temperature: – 40 °C to +125 °C

2D09/2D11/2D14/2D18/3D12

TYPE	A（max）	B（max）	C（max）	D	E	F	G	H
GCDH2D09	3.2	1.15	3.30	1.10	1.30	1.30	1.70	4.30
GCDH2D11	3.20	1.20	3.30	1.10	1.30	1.30	1.70	4.30
GCDH2D14	3.20	2.00	3.30	1.00	1.30	1.30	1.70	4.30
GCDH2D18	3.20	2.00	3.30	1.00	1.30	1.30	1.70	4.30
GCDH3D12	4.00	1.40	4.40	1.10	1.50	1.40	2.40	5.20

3D16/3D28/4D18/4D28/5D18/5D28/5D48/6D28/6D38

TYPE	A（max）	B（max）	C（max）	D	E	F	G	H
GCDH3D16	4.00	1.80	5.90	3.50	1.30	4.30	1.65	1.30
GCDH4D18	5.00	2.00	6.90	4.50	1.50	5.30	1.90	1.50
GCDH4D28	5.00	3.00	6.90	4.50	1.50	5.30	1.90	1.50
GCDH5D18	6.00	2.00	8.20	5.50	2.00	6.30	2.10	2.00
GCDH5D28	6.00	3.00	8.20	5.50	2.00	6.30	2.15	2.00
GCDH6D28	7.00	3.00	9.50	6.50	2.00	7.30	2.65	2.00
GCDH6D38	7.00	4.00	9.50	6.50	2.00	7.30	2.65	2.00

8D28/8D38/8D43/8D58

TYPE	A（max）	B（max）	C（max）	D	E	F	G	H	I
GCDH8D28	8.30	3.00	5.90	1.20	2.50	6.10	10.10	2.00	2.80
GCDH8D38	8.30	4.00	5.90	1.20	2.50	6.10	10.10	2.00	2.80
GCDH8D43	8.30	4.50	5.90	1.20	2.50	6.10	10.10	2.00	2.80
GCDH8D58	8.30	6.00	5.90	1.20	2.50	6.10	10.10	2.00	2.80

Part Numbering

GCDH 4D28 M T 100

- 100: Inductance Value: 100:10uH
- T: Packaging Code: Taping Reel
- M: Inductance Tolerance: M: ±20% N:±30%
- 4D28: Dimensions: 2D09 2D11 2D14 3D16……
- GCDH: Product Type

Electrical characteristics List

GCDH2D09 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH2D09NT2R2	1.2	N	100KHZ/0.25V	0.0875	0.80
GCDH2D09NT2R7	1.5	N	100KHZ/0.25V	0.0975	0.73
GCDH2D09NT3R3	1.8	N	100KHZ/0.25V	0.1225	0.65
GCDH2D09NT4R7	2.2	N	100KHZ/0.25V	0.1500	0.60
GCDH2D09NT6R8	2.5	N	100KHZ/0.25V	0.1690	0.53
GCDH2D09NT100	3.3	N	100KHZ/0.25V	0.1880	0.47
GCDH2D09NT150	3.9	N	100KHZ/0.25V	0.2570	0.45
GCDH2D09NT220	4.7	N	100KHZ/0.25V	0.2750	0.41
GCDH2D09NT330	5.6	N	100KHZ/0.25V	0.4000	0.37
GCDH2D09NT470	6.8	N	100KHZ/0.25V	0.4250	0.33
GCDH2D09NT560	8.2	N	100KHZ/0.25V	0.4875	0.30
GCDH2D09MT680	10	M	1KHZ/0.25V	0.5625	0.28

GCDH2D11 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH2D11NT1R2	1.2	N	100KHZ/0.25V	0.058	1.000
GCDH2D11NT2R2	2.2	N	100KHZ/0.25V	0.106	0.800
GCDH2D11NT2R7	2.7	N	100KHZ/0.25V	0.109	0.720
GCDH2D11NT3R3	3.3	N	100KHZ/0.25V	0.137	0.600
GCDH2D11NT4R7	4.7	N	100KHZ/0.25V	0.166	0.515
GCDH2D11NT6R8	6.8	N	100KHZ/0.25V	0.256	0.420
GCDH2D11MT100	10	M	1KHZ/0.25V	0.430	0.350
GCDH2D11MT150	15	M	1KHZ/0.25V	0.572	0.270
GCDH2D11MT220	22	M	1KHZ/0.25V	0.845	0.250
GCDH2D11MT330	33	M	1KHZ/0.25V	1.300	0.180
GCDH2D11MT470	47	M	1KHZ/0.25V	1.700	0.130
GCDH2D11MT560	56	M	1KHZ/0.25V	1.950	0.120
GCDH2D11MT680	68	M	1KHZ/0.25V	2.400	0.115
GCDH2D11MT820	82	M	1KHZ/0.25V	3.100	0.110
GCDH2D11MT101	100	M	1KHZ/0.25V	3.280	0.100

Electrical characteristics List

GCDH2D14 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH2D14NT2R2	2.2	N	100KHZ/0.25V	0.095	0.90
GCDH2D14NT2R7	2.7	N	100KHZ/0.25V	0.117	0.87
GCDH2D14NT3R3	3.3	N	100KHZ/0.25V	0.121	0.85
GCDH2D14NT4R7	4.7	N	100KHZ/0.25V	0.192	0.80
GCDH2D14NT6R8	6.8	N	100KHZ/0.25V	0.234	0.80
GCDH2D14MT100	10	M	1KHZ/0.25V	0.416	0.50
GCDH2D14MT220	22	M	1KHZ/0.25V	0.936	0.40
GCDH2D14MT330	33	M	1KHZ/0.25V	1.400	0.30
GCDH2D14MT101	100	M	1KHZ/0.25V	3.280	0.20

GCDH2D18 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH2D18NT2R2	2.2	N	100KHZ/0.25V	0.052	1.000
GCDH2D18NT2R7	2.7	N	100KHZ/0.25V	0.056	0.840
GCDH2D18NT3R3	3.3	N	100KHZ/0.25V	0.072	0.820
GCDH2D18NT4R7	4.7	N	100KHZ/0.25V	0.079	0.720
GCDH2D18NT6R2	6.2	N	100KHZ/0.25V	0.112	0.630
GCDH2D18NT6R3	6.3	N	100KHZ/0.25V	0.112	0.630
GCDH2D18NT6R8	6.8	N	100KHZ/0.25V	0.106	0.620
GCDH2D18MT100	10	M	1KHZ/0.25V	0.180	0.430
GCDH2D18MT150	15	M	1KHZ/0.25V	0.250	0.300
GCDH2D18MT220	22	M	1KHZ/0.25V	0.403	0.290
GCDH2D18MT330	33	M	1KHZ/0.25V	0.502	0.265
GCDH2D18MT470	47	M	1KHZ/0.25V	0.741	0.214
GCDH2D18MT101	100	M	1KHZ/0.25V	1.700	0.120
GCDH2D18MT221	220	M	1KHZ/0.25V	3.400	0.080
GCDH2D18MT471	470	M	1KHZ/0.25V	6.900	0.050

GCDH3D12 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH3D12NT1R0	1.0	N	100KHZ/0.25V	0.087	1.200
GCDH3D12NT1R5	1.5	N	100KHZ/0.25V	0.124	1.100
GCDH3D12NT1R8	1.8	N	100KHZ/0.25V	0.142	1.040
GCDH3D12NT3R3	3.3	N	100KHZ/0.25V	0.239	0.800
GCDH3D12NT4R7	4.7	N	100KHZ/0.25V	0.338	0.730
GCDH3D12NT6R8	6.8	N	100KHZ/0.25V	0.406	0.640
GCDH3D12MT100	10	M	1KHZ/0.25V	0.622	0.495
GCDH3D12MT150	15	M	1KHZ/0.25V	0.977	0.425
GCDH3D12MT220	22	M	1KHZ/0.25V	1.160	0.380
GCDH3D12MT330	33	M	1KHZ/0.25V	1.900	0.315
GCDH3D12MT470	47	M	1KHZ/0.25V	2.300	0.260

Electrical characteristics List
GCDH3D16 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH3D16NT1R0	1.0	N	100KHZ/0.25V	0.0455	1.470
GCDH3D16NT1R5	1.5	N	100KHZ/0.25V	0.0520	1.450
GCDH3D16NT2R2	2.2	N	100KHZ/0.25V	0.0720	1.200
GCDH3D16NT2R7	2.7	N	100KHZ/0.25V	0.0750	1.180
GCDH3D16NT3R3	3.3	N	100KHZ/0.25V	0.0850	1.100
GCDH3D16NT3R9	3.9	N	100KHZ/0.25V	0.0950	1.000
GCDH3D16NT4R7	4.7	N	100KHZ/0.25V	0.1050	0.900
GCDH3D16NT5R6	5.6	N	100KHZ/0.25V	0.1196	0.822
GCDH3D16NT6R8	6.8	N	100KHZ/0.25V	0.1700	0.730
GCDH3D16NT8R2	8.2	N	100KHZ/0.25V	0.1900	0.621
GCDH3D16MT100	10	M	1KHZ/0.25V	0.2100	0.550
GCDH3D16MT120	12	M	1KHZ/0.25V	0.2470	0.500
GCDH3D16MT150	15	M	1KHZ/0.25V	0.2950	0.450
GCDH3D16MT180	18	M	1KHZ/0.25V	0.4160	0.410
GCDH3D16MT220	22	M	1KHZ/0.25V	0.4300	0.400
GCDH3D16MT270	27	M	1KHZ/0.25V	0.5460	0.370
GCDH3D16MT330	33	M	1KHZ/0.25V	0.6750	0.320
GCDH3D16MT390	39	M	1KHZ/0.25V	0.8710	0.278
GCDH3D16MT470	47	M	1KHZ/0.25V	0.9620	0.260
GCDH3D16MT560	56	M	1KHZ/0.25V	1.0900	0.242
GCDH3D16MT680	68	M	1KHZ/0.25V	1.2500	0.219
GCDH3D16MT820	82	M	1KHZ/0.25V	1.5000	0.200
GCDH3D16MT101	100	M	1KHZ/0.25V	1.6800	0.187
GCDH3D16MT121	120	M	1KHZ/0.25V	2.1500	0.178
GCDH3D16MT151	150	M	1KHZ/0.25V	2.6000	0.150
GCDH3D16MT181	180	M	1KHZ/0.25V	2.8600	0.138
GCDH3D16MT221	220	M	1KHZ/0.25V	4.5500	0.122
GCDH3D16MT271	270	M	1KHZ/0.25V	5.0700	0.105
GCDH3D16MT331	330	M	1KHZ/0.25V	5.8900	0.098
GCDH3D16MT391	390	M	1KHZ/0.25V	6.5000	0.096
GCDH3D16MT471	470	M	1KHZ/0.25V	7.1500	0.081
GCDH3D16MT561	560	M	1KHZ/0.25V	9.7500	0.070
GCDH3D16MT681	680	M	1KHZ/0.25V	12.740	0.069

Electrical characteristics List
GCDH4D18 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH4D18NT1R0	1.2	N	100KHZ/0.25V	0.0286	1.800
GCDH4D18NT1R5	1.5	N	100KHZ/0.25V	0.0455	1.450
GCDH4D18NT2R2	2.2	N	100KHZ/0.25V	0.0520	1.400
GCDH4D18NT2R7	2.7	N	100KHZ/0.25V	0.0585	1.300
GCDH4D18NT3R3	3.3	N	100KHZ/0.25V	0.0624	1.150
GCDH4D18NT3R9	3.9	N	100KHZ/0.25V	0.0650	0.900
GCDH4D18NT4R7	4.7	N	100KHZ/0.25V	0.0780	0.860
GCDH4D18NT5R6	5.6	N	100KHZ/0.25V	0.0988	0.820
GCDH4D18NT6R8	6.8	N	100KHZ/0.25V	0.1430	0.780
GCDH4D18NT8R2	8.2	N	100KHZ/0.25V	0.1560	0.700
GCDH4D18MT100	10	M	1KHZ/0.25V	0.1586	0.620
GCDH4D18MT150	15	M	1KHZ/0.25V	0.2470	0.500
GCDH4D18MT220	22	M	1KHZ/0.25V	0.2600	0.420
GCDH4D18MT330	33	M	1KHZ/0.25V	0.5460	0.335
GCDH4D18MT390	39	M	1KHZ/0.25V	0.5850	0.315
GCDH4D18MT470	47	M	1KHZ/0.25V	0.8450	0.295
GCDH4D18MT560	56	M	1KHZ/0.25V	0.9100	0.275
GCDH4D18MT680	68	M	1KHZ/0.25V	1.0000	0.245
GCDH4D18MT820	82	M	1KHZ/0.25V	1.3000	0.225
GCDH4D18MT101	100	M	1KHZ/0.25V	1.5600	0.205
GCDH4D18MT121	120	M	1KHZ/0.25V	2.1000	0.185
GCDH4D18MT151	150	M	1KHZ/0.25V	2.3400	0.155
GCDH4D18MT181	180	M	1KHZ/0.25V	2.6000	0.145
GCDH4D18MT221	220	M	1KHZ/0.25V	3.3800	0.140
GCDH4D18MT271	270	M	1KHZ/0.25V	4.0300	0.135
GCDH4D18MT331	330	M	1KHZ/0.25V	4.5600	0.130
GCDH4D18MT391	390	M	1KHZ/0.25V	5.0700	0.125
GCDH4D18MT471	470	M	1KHZ/0.25V	5.4600	0.120
GCDH4D18MT561	560	M	1KHZ/0.25V	8.1900	0.112
GCDH4D18MT681	680	M	1KHZ/0.25V	10.010	0.108

Electrical characteristics List
GCDH4D28 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH4D28NT1R0	1.0	N	100KHZ/0.25V	0.02574	2.700
GCDH4D28NT2R2	2.2	N	100KHZ/0.25V	0.03380	1.800
GCDH4D28NT3R0	3.0	N	100KHZ/0.25V	0.04810	1.550
GCDH4D28NT3R9	3.9	N	100KHZ/0.25V	0.04810	1.500
GCDH4D28NT4R7	4.7	N	100KHZ/0.25V	0.05200	1.350
GCDH4D28NT5R6	5.6	N	100KHZ/0.25V	0.05850	1.210
GCDH4D28NT6R8	6.8	N	100KHZ/0.25V	0.08840	1.150
GCDH4D28MT100	10	M	1KHZ/0.25V	0.11960	1.000
GCDH4D28MT120	12	M	1KHZ/0.25V	0.14040	0.840
GCDH4D28MT150	15	M	1KHZ/0.25V	0.15600	0.752
GCDH4D28MT180	18	M	1KHZ/0.25V	0.19500	0.730
GCDH4D28MT220	22	M	1KHZ/0.25V	0.24700	0.700
GCDH4D28MT270	27	M	1KHZ/0.25V	0.29900	0.585
GCDH4D28MT330	33	M	1KHZ/0.25V	0.32500	0.570
GCDH4D28MT390	39	M	1KHZ/0.25V	0.35100	0.520
GCDH4D28MT430	43	M	1KHZ/0.25V	0.37700	0.510
GCDH4D28MT470	47	M	1KHZ/0.25V	0.44200	0.500
GCDH4D28MT560	56	M	1KHZ/0.25V	0.46800	0.420
GCDH4D28MT680	68	M	1KHZ/0.25V	0.54600	0.352
GCDH4D28MT820	82	M	1KHZ/0.25V	0.78000	0.330
GCDH4D28MT101	100	M	1KHZ/0.25V	0.85800	0.300
GCDH4D28MT121	120	M	1KHZ/0.25V	1.30000	0.280
GCDH4D28MT151	150	M	1KHZ/0.25V	1.50000	0.250
GCDH4D28MT181	180	M	1KHZ/0.25V	1.60000	0.230
GCDH4D28MT221	220	M	1KHZ/0.25V	1.82000	0.210
GCDH4D28MT271	270	M	1KHZ/0.25V	2.86000	0.185
GCDH4D28MT331	330	M	1KHZ/0.25V	3.25000	0.170
GCDH4D28MT391	390	M	1KHZ/0.25V	4.55000	0.155
GCDH4D28MT471	470	M	1KHZ/0.25V	5.07000	0.140
GCDH4D28MT561	560	M	1KHZ/0.25V	5.46000	0.130
GCDH4D28MT681	680	M	1KHZ/0.25V	6.11000	0.120

Electrical characteristics List
GCDH5D18 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH5D18NT1R0	1.0	N	100KHZ/0.25V	0.01768	3.000
GCDH5D18NT1R5	1.5	N	100KHZ/0.25V	0.02340	2.300
GCDH5D18NT2R2	2.2	N	100KHZ/0.25V	0.03640	2.100
GCDH5D18NT2R7	2.7	N	100KHZ/0.25V	0.04030	2.000
GCDH5D18NT3R3	3.3	N	100KHZ/0.25V	0.04940	1.830
GCDH5D18NT4R7	4.7	N	100KHZ/0.25V	0.06500	1.600
GCDH5D18NT5R6	5.6	N	100KHZ/0.25V	0.07280	1.450
GCDH5D18NT6R8	6.8	N	100KHZ/0.25V	0.07800	1.310
GCDH5D18NT8R2	8.2	N	100KHZ/0.25V	0.09620	1.100
GCDH5D18MT100	10	M	1KHZ/0.25V	0.12400	1.040
GCDH5D18MT120	12	M	1KHZ/0.25V	0.15300	0.950
GCDH5D18MT150	15	M	1KHZ/0.25V	0.19600	0.850
GCDH5D18MT180	18	M	1KHZ/0.25V	0.21000	0.790
GCDH5D18MT220	22	M	1KHZ/0.25V	0.29000	0.700
GCDH5D18MT270	27	M	1KHZ/0.25V	0.33000	0.655
GCDH5D18MT330	33	M	1KHZ/0.25V	0.38500	0.585
GCDH5D18MT390	39	M	1KHZ/0.25V	0.52000	0.510
GCDH5D18MT470	47	M	1KHZ/0.25V	0.59500	0.480
GCDH5D18MT560	56	M	1KHZ/0.25V	0.66500	0.430
GCDH5D18MT680	68	M	1KHZ/0.25V	0.84000	0.400
GCDH5D18MT820	82	M	1KHZ/0.25V	0.97800	0.360
GCDH5D18MT101	100	M	1KHZ/0.25V	1.20000	0.325
GCDH5D18MT121	120	M	1KHZ/0.25V	1.30000	0.295
GCDH5D18MT151	150	M	1KHZ/0.25V	1.61000	0.270
GCDH5D18MT181	180	M	1KHZ/0.25V	2.05000	0.245
GCDH5D18MT221	220	M	1KHZ/0.25V	2.29000	0.225
GCDH5D18MT271	270	M	1KHZ/0.25V	2.99000	0.200
GCDH5D18MT331	330	M	1KHZ/0.25V	3.51000	0.185
GCDH5D18MT391	390	M	1KHZ/0.25V	4.16000	0.155
GCDH5D18MT471	470	M	1KHZ/0.25V	4.81000	0.150
GCDH5D18MT561	560	M	1KHZ/0.25V	5.20000	0.140
GCDH5D18MT681	680	M	1KHZ/0.25V	6.37000	0.130

Electrical characteristics List
GCDH5D28 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH5D28NT1R0	1.0	N	100KHZ/0.25V	0.01560	3.450
GCDH5D28NT1R8	1.8	N	100KHZ/0.25V	0.02210	2.700
GCDH5D28NT2R2	2.2	N	100KHZ/0.25V	0.02470	2.300
GCDH5D28NT2R7	2.7	N	100KHZ/0.25V	0.02860	2.260
GCDH5D28NT3R3	3.3	N	100KHZ/0.25V	0.03250	2.230
GCDH5D28NT4R7	4.7	N	100KHZ/0.25V	0.03900	1.900
GCDH5D28NT5R6	5.6	N	100KHZ/0.25V	0.04420	1.760
GCDH5D28NT6R8	6.8	N	100KHZ/0.25V	0.05200	1.630
GCDH5D28NT8R2	8.2	N	100KHZ/0.25V	0.05850	1.500
GCDH5D28MT100	10	M	1KHZ/0.25V	0.07800	1.300
GCDH5D28MT120	12	M	1KHZ/0.25V	0.08450	1.200
GCDH5D28MT150	15	M	1KHZ/0.25V	0.11440	1.100
GCDH5D28MT180	18	M	1KHZ/0.25V	0.11960	1.000
GCDH5D28MT220	22	M	1KHZ/0.25V	0.15600	0.890
GCDH5D28MT270	27	M	1KHZ/0.25V	0.18850	0.800
GCDH5D28MT330	33	M	1KHZ/0.25V	0.20670	0.730
GCDH5D28MT390	39	M	1KHZ/0.25V	0.23075	0.690
GCDH5D28MT470	47	M	1KHZ/0.25V	0.26000	0.610
GCDH5D28MT560	56	M	1KHZ/0.25V	0.33800	0.560
GCDH5D28MT680	68	M	1KHZ/0.25V	0.36400	0.505
GCDH5D28MT820	82	M	1KHZ/0.25V	0.41600	0.460
GCDH5D28MT101	100	M	1KHZ/0.25V	0.57200	0.415
GCDH5D28MT121	120	M	1KHZ/0.25V	0.67600	0.390
GCDH5D28MT151	150	M	1KHZ/0.25V	0.79000	0.300
GCDH5D28MT181	180	M	1KHZ/0.25V	0.99600	0.290
GCDH5D28MT221	220	M	1KHZ/0.25V	1.30000	0.285
GCDH5D28MT271	270	M	1KHZ/0.25V	1.52000	0.255
GCDH5D28MT331	330	M	1KHZ/0.25V	2.21000	0.230
GCDH5D28MT391	390	M	1KHZ/0.25V	2.40000	0.210
GCDH5D28MT471	470	M	1KHZ/0.25V	2.60000	0.190
GCDH5D28MT561	560	M	1KHZ/0.25V	2.96000	0.175
GCDH5D28MT681	680	M	1KHZ/0.25V	3.77000	0.165

Electrical characteristics List
GCDH6D28 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH6D28NT1R0	1.0	N	100KHZ/0.25V	0.0182	3.600
GCDH6D28NT1R8	1.8	N	100KHZ/0.25V	0.0208	3.450
GCDH6D28NT2R2	2.2	N	100KHZ/0.25V	0.0247	3.150
GCDH6D28NT2R7	2.7	N	100KHZ/0.25V	0.0273	2.840
GCDH6D28NT3R3	3.3	N	100KHZ/0.25V	0.0299	2.800
GCDH6D28NT3R9	3.9	N	100KHZ/0.25V	0.0325	2.600
GCDH6D28NT4R7	4.7	N	100KHZ/0.25V	0.0403	2.300
GCDH6D28NT5R6	5.6	N	100KHZ/0.25V	0.0455	2.130
GCDH6D28NT6R8	6.8	N	100KHZ/0.25V	0.0468	1.880
GCDH6D28NT8R2	10	M	1KHZ/0.25V	0.0559	1.730
GCDH6D28MT100	10	M	1KHZ/0.25V	0.0754	1.600
GCDH6D28MT120	12	M	1KHZ/0.25V	0.0806	1.500
GCDH6D28MT150	15	M	1KHZ/0.25V	0.0897	1.340
GCDH6D28MT180	18	M	1KHZ/0.25V	0.0936	1.210
GCDH6D28MT220	22	M	1KHZ/0.25V	0.1222	1.100
GCDH6D28MT270	27	M	1KHZ/0.25V	0.1313	1.020
GCDH6D28MT330	33	M	1KHZ/0.25V	0.1599	0.918
GCDH6D28MT390	39	M	1KHZ/0.25V	0.1950	0.835
GCDH6D28MT470	47	M	1KHZ/0.25V	0.2340	0.745
GCDH6D28MT560	56	M	1KHZ/0.25V	0.2730	0.685
GCDH6D28MT680	68	M	1KHZ/0.25V	0.3640	0.607
GCDH6D28MT820	82	M	1KHZ/0.25V	0.4030	0.570
GCDH6D28MT101	100	M	1KHZ/0.25V	0.5070	0.520
GCDH6D28MT121	120	M	1KHZ/0.25V	0.6760	0.450
GCDH6D28MT151	150	M	1KHZ/0.25V	0.8060	0.410
GCDH6D28MT181	180	M	1KHZ/0.25V	0.9490	0.380
GCDH6D28MT221	220	M	1KHZ/0.25V	1.1100	0.350
GCDH6D28MT271	270	M	1KHZ/0.25V	1.5600	0.310
GCDH6D28MT331	330	M	1KHZ/0.25V	1.7000	0.285
GCDH6D28MT391	390	M	1KHZ/0.25V	1.9500	0.253
GCDH6D28MT471	470	M	1KHZ/0.25V	2.7300	0.230
GCDH6D28MT561	560	M	1KHZ/0.25V	2.9900	0.220
GCDH6D28MT681	680	M	1KHZ/0.25V	3.5100	0.193

Electrical characteristics List
GCDH6D38 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH6D38NT1R0	1.0	N	100KHZ/0.25V	0.0195	5.000
GCDH6D38NT1R8	1.8	N	100KHZ/0.25V	0.0234	3.900
GCDH6D38NT2R7	2.7	N	100KHZ/0.25V	0.0286	3.400
GCDH6D38NT3R3	3.3	N	100KHZ/0.25V	0.0338	2.950
GCDH6D38NT3R9	3.9	N	100KHZ/0.25V	0.0364	2.900
GCDH6D38NT4R7	4.7	N	100KHZ/0.25V	0.0377	2.880
GCDH6D38NT5R6	5.6	N	100KHZ/0.25V	0.0416	2.610
GCDH6D38NT6R8	6.8	N	100KHZ/0.25V	0.0494	2.390
GCDH6D38NT8R2	8.2	N	100KHZ/0.25V	0.0546	2.070
GCDH6D38MT100	10	M	1KHZ/0.25V	0.0637	2.000
GCDH6D38MT120	12	M	1KHZ/0.25V	0.0780	1.940
GCDH6D38MT150	15	M	1KHZ/0.25V	0.0871	1.600
GCDH6D38MT180	18	M	1KHZ/0.25V	0.1066	1.440
GCDH6D38MT220	22	M	1KHZ/0.25V	0.1131	1.300
GCDH6D38MT270	27	M	1KHZ/0.25V	0.1300	1.200
GCDH6D38MT330	33	M	1KHZ/0.25V	0.1430	1.070
GCDH6D38MT390	39	M	1KHZ/0.25V	0.1638	1.000
GCDH6D38MT470	47	M	1KHZ/0.25V	0.1820	0.950
GCDH6D38MT560	56	M	1KHZ/0.25V	0.2210	0.850
GCDH6D38MT680	68	M	1KHZ/0.25V	0.2470	0.750
GCDH6D38MT750	75	M	1KHZ/0.25V	0.2860	0.720
GCDH6D38MT820	82	M	1KHZ/0.25V	0.3240	0.700
GCDH6D38MT101	100	M	1KHZ/0.25V	0.3800	0.630
GCDH6D38MT121	120	M	1KHZ/0.25V	0.4420	0.605
GCDH6D38MT151	150	M	1KHZ/0.25V	0.5720	0.513
GCDH6D38MT181	180	M	1KHZ/0.25V	0.6370	0.486
GCDH6D38MT221	220	M	1KHZ/0.25V	0.9360	0.427
GCDH6D38MT271	270	M	1KHZ/0.25V	1.0000	0.387
GCDH6D38MT331	330	M	1KHZ/0.25V	1.2000	0.350
GCDH6D38MT391	390	M	1KHZ/0.25V	1.3000	0.318
GCDH6D38MT471	470	M	1KHZ/0.25V	1.9500	0.294
GCDH6D38MT561	560	M	1KHZ/0.25V	2.3400	0.260
GCDH6D38MT681	680	M	1KHZ/0.25V	2.4700	0.230
GCDH6D38MT821	820	M	1KHZ/0.25V	3.5000	0.170

Electrical characteristics List

GCDH8D28 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH8D28NT2R5	2.5	N	100KHZ/0.25V	0.0260	4.130
GCDH8D28NT3R3	3.3	N	100KHZ/0.25V	0.0325	3.700
GCDH8D28NT4R7	4.7	N	100KHZ/0.25V	0.0585	3.000
GCDH8D28NT6R8	6.8	N	100KHZ/0.25V	0.0620	2.600
GCDH8D28NT8R2	8.2	N	100KHZ/0.25V	0.0850	2.500
GCDH8D28MT100	10	M	1KHZ/0.25V	0.0910	2.500
GCDH8D28MT150	15	M	1KHZ/0.25V	0.1370	1.610
GCDH8D28MT220	22	M	1KHZ/0.25V	0.1950	1.400
GCDH8D28MT330	33	M	1KHZ/0.25V	0.3190	1.160
GCDH8D28MT470	47	M	1KHZ/0.25V	0.4230	0.900
GCDH8D28MT680	68	M	1KHZ/0.25V	0.5590	0.750
GCDH8D28MT101	100	M	1KHZ/0.25V	0.7930	0.580
GCDH8D28MT121	120	M	1KHZ/0.25V	0.9350	0.510
GCDH8D28MT151	150	M	1KHZ/0.25V	1.0900	0.470
GCDH8D28MT181	180	M	1KHZ/0.25V	1.6500	0.420
GCDH8D28MT221	220	M	1KHZ/0.25V	1.8200	0.400
GCDH8D28MT271	270	M	1KHZ/0.25V	1.9100	0.360
GCDH8D28MT331	330	M	1KHZ/0.25V	2.0000	0.330

GCDH8D38 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH8D38NT2R2	2.2	N	100KHZ/0.25V	0.020	5.400
GCDH8D38NT3R9	3.9	N	100KHZ/0.25V	0.029	4.300
GCDH8D38NT6R8	6.8	N	100KHZ/0.25V	0.036	3.000
GCDH8D38MT100	10	M	1KHZ/0.25V	0.049	2.700
GCDH8D38MT150	15	M	1KHZ/0.25V	0.075	2.300
GCDH8D38MT220	22	M	1KHZ/0.25V	0.109	1.880
GCDH8D38MT330	33	M	1KHZ/0.25V	0.163	1.520
GCDH8D38MT470	47	M	1KHZ/0.25V	0.211	1.280
GCDH8D38MT680	68	M	1KHZ/0.25V	0.304	1.100
GCDH8D38MT101	100	M	1KHZ/0.25V	0.416	0.880
GCDH8D38MT121	120	M	1KHZ/0.25V	0.494	0.830
GCDH8D38MT151	150	M	1KHZ/0.25V	0.598	0.780
GCDH8D38MT181	180	M	1KHZ/0.25V	0.780	0.700
GCDH8D38MT221	220	M	1KHZ/0.25V	0.910	0.636
GCDH8D38MT271	270	M	1KHZ/0.25V	1.100	0.550
GCDH8D38MT331	330	M	1KHZ/0.25V	1.650	0.440

Electrical characteristics List

GCDH8D43 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH8D43NT1R8	1.8	N	100KHZ/0.25V	0.016	5.150
GCDH8D43NT2R5	2.5	N	100KHZ/0.25V	0.020	5.000
GCDH8D43NT3R9	3.9	N	100KHZ/0.25V	0.022	4.500
GCDH8D43NT4R7	4.7	N	100KHZ/0.25V	0.030	4.000
GCDH8D43NT6R8	6.8	N	100KHZ/0.25V	0.033	3.870
GCDH8D43MT100	10	M	1KHZ/0.25V	0.044	3.100
GCDH8D43MT120	12	M	1KHZ/0.25V	0.069	2.500
GCDH8D43MT150	15	M	1KHZ/0.25V	0.075	2.350
GCDH8D43MT220	22	M	1KHZ/0.25V	0.082	1.900
GCDH8D43MT330	33	M	1KHZ/0.25V	0.125	1.620
GCDH8D43MT470	47	M	1KHZ/0.25V	0.176	1.350
GCDH8D43MT560	56	M	1KHZ/0.25V	0.235	1.250
GCDH8D43MT680	68	M	1KHZ/0.25V	0.247	1.200
GCDH8D43MT101	100	M	1KHZ/0.25V	0.377	1.020
GCDH8D43MT121	120	M	1KHZ/0.25V	0.429	0.900
GCDH8D43MT151	150	M	1KHZ/0.25V	0.520	0.830
GCDH8D43MT181	180	M	1KHZ/0.25V	0.624	0.785
GCDH8D43MT221	220	M	1KHZ/0.25V	0.793	0.685
GCDH8D43MT271	270	M	1KHZ/0.25V	0.962	0.620
GCDH8D43MT331	330	M	1KHZ/0.25V	1.230	0.540

GCDH8D58 Series

PART No.	L(uH)	Tolerance	Test Condition	DCR (Ω)MAX	IDC (A)
GCDH8D58NT1R8	1.8	N	100KHZ/0.25V	0.0120	6.00
GCDH8D58NT2R2	2.2	N	100KHZ/0.25V	0.0130	5.50
GCDH8D58NT2R5	2.5	N	100KHZ/0.25V	0.0140	5.10
GCDH8D58NT2R8	2.8	N	100KHZ/0.25V	0.0150	4.70
GCDH8D58NT3R3	3.3	N	100KHZ/0.25V	0.0158	4.40
GCDH8D58NT3R9	3.9	N	100KHZ/0.25V	0.0163	4.10
GCDH8D58NT4R7	4.7	N	100KHZ/0.25V	0.1700	4.00
GCDH8D58NT5R0	5.0	N	100KHZ/0.25V	0.0175	3.80
GCDH8D58NT6R8	6.8	N	100KHZ/0.25V	0.0215	3.10
GCDH8D58MT100	10	M	1KHZ/0.25V	0.0256	2.60
GCDH8D58MT150	15	M	1KHZ/0.25V	0.0363	2.30
GCDH8D58MT220	22	M	1KHZ/0.25V	0.0453	1.70
GCDH8D58MT330	33	M	1KHZ/0.25V	0.0653	1.50
GCDH8D58MT470	47	M	1KHZ/0.25V	0.0905	1.20
GCDH8D58MT680	68	M	1KHZ/0.25V	0.1300	1.00
GCDH8D58MT101	100	M	1KHZ/0.25V	0.1750	0.80
GCDH8D58NT121	120	M	1KHZ/0.25V	0.2200	0.70