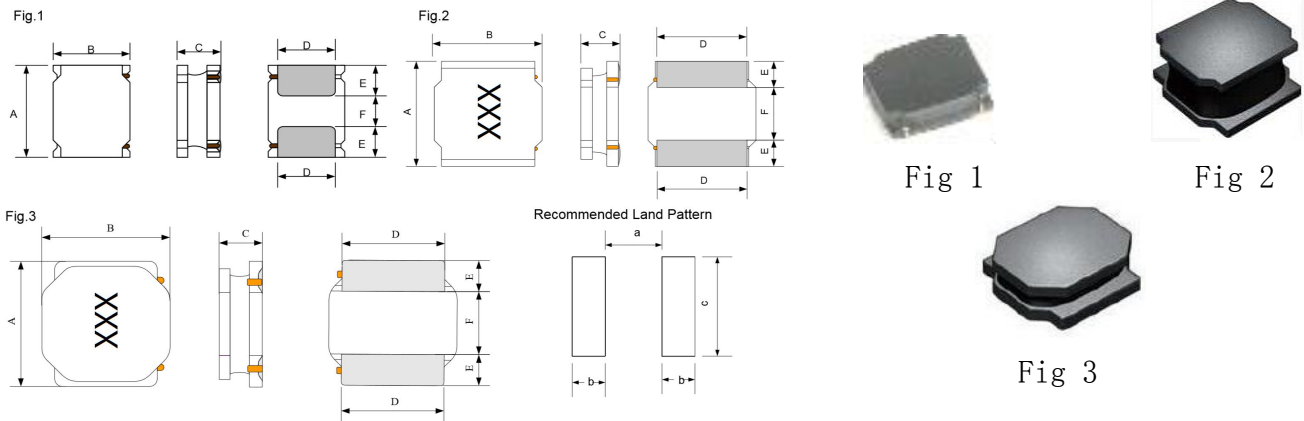


● EXTERNAL DIMENSIONS UNIT: mm (外形尺寸)



Series	Shape	A	B	C	D	E	F	a Typ.	b Typ.	c Typ.
CMNR2520	Fig.1	2.5±0.1	2.0±0.1	1.2 Max.	1.5±0.2	0.80±0.2	0.80±0.2	0.8	0.85	2
CMNR3012	Fig.2	3.0±0.2	3.0±0.2	1.2 Max.	2.5±0.2	0.75±0.2	1.5±0.2	1.5	0.8	2.7
CMNR3015	Fig.2	3.0±0.2	3.0±0.2	1.5 Max.	2.5±0.2	0.75±0.2	1.5±0.2	1.5	0.8	2.7
CMNR4012	Fig.2	4.0±0.2	4.0±0.2	1.2 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
CMNR4020	Fig.2	4.0±0.2	4.0±0.2	2.0 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
CMNR4030	Fig.2	4.0±0.2	4.0±0.2	3.0 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
CMNR5020	Fig.3	5.0±0.2	5.0±0.2	2.0 Max.	4.0±0.2	1.25±0.2	2.5±0.2	2.3	1.4	4.2
CMNR5040	Fig.3	5.0±0.2	5.0±0.2	4.0 Max.	4.0±0.2	1.25±0.2	2.5±0.2	2.3	1.4	4.2
CMNR6020	Fig.2	6.0±0.3	6.0±0.3	2.0 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
CMNR6028	Fig.2	6.0±0.3	6.0±0.3	2.8 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
CMNR6045	Fig.2	6.0±0.3	6.0±0.3	4.5 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
CMNR8040	Fig.2	8.0±0.3	8.0±0.3	4.2 Max.	6.3±0.3	2.00±0.3	4.0±0.3	3.8	2.2	7.5

● PART NUMBERING SYSTEM (品名系统)

CMNR	3015	-	4R7	M	T
1	2		3	4	5
1、SERIES NAME	品名		C代C. RD. , M指贴片端银系列, NR代表点磁胶屏蔽		
2、DIMENSIONS	尺寸		外围*高度		
3、INDUCTANCE	电感值		前两位为有效数字, 第三位表示零的个数		
4、TOLERANCE CODE	公差	J: ±5%, K: ±10%, L: ±15%, M: ±20%, P: ±25%, N: ±			
5、PACKING CODE	包装方式	T: Tape&Reel(卷装) B: In Bulk			

● FEATURES (特性)

Various high power inductors are superior to be high saturation for surface mounting.
具有高功率、高饱和电流, 低阻抗、小型化之特点

● Operating Temp (操作温度)

工作环境温度 -40°C ~ 125°C

● APPLICATIONS (用途)

LED, VR, AR, Notebooks, desktop computers, servers, graphic cards cards, Telecomm base stations
Portable gaming devices, personal navigation systems, personal multimedia devices
Flat-screen TVs, blue-ray disc recorders, set top box, movie cameras, smart phone

Design As Customers Requested Specifications 可根据客户需求设计

CMNR2520 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR2520-R47NT	0.47±30%	160	0.061	2.34	4.27
CMNR2520-R68NT	0.68±30%	140	0.074	2.13	3.68
CMNR2520-1R0NT	1.0±30%	110	0.09	2.1	2.9
CMNR2520-1R5MT	1.5±20%	97	0.147	1.53	2.51
CMNR2520-2R2MT	2.2±20%	69	0.216	1.25	2.07
CMNR2520-3R3MT	3.3±20%	62	0.264	1.13	1.8
CMNR2520-4R7MT	4.7±20%	47	0.377	0.92	1.25
CMNR2520-5R6MT	5.6±20%	38	0.538	0.8	1.25
CMNR2520-6R8MT	6.8±20%	38	0.581	0.75	1.09
CMNR2520-8R2MT	8.2±20%	36	0.658	0.71	1.1
CMNR2520-100MT	10±20%	34	0.69	0.68	0.88
CMNR2520-120MT	12±20%	28	1.075	0.56	0.88
CMNR2520-150MT	15±20%	25	1.591	0.46	0.77
CMNR2520-220MT	22±20%	20	1.976	0.41	0.59

CMNR3012 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR3012-R82NT	0.82±30%	180	0.039	2.47	2.8
CMNR3012-1R0NT	1.0±30%	120	0.052	2.2	2.8
CMNR3012-1R5NT	1.5±30%	110	0.059	2.01	1.9
CMNR3012-2R2NT	2.2±30%	84	0.098	1.55	1.9
CMNR3012-2R7NT	2.7±30%	65	0.11	1.48	1.5
CMNR3012-3R3MT	3.3±20%	64	0.13	1.36	1.5
CMNR3012-3R6MT	3.6±20%	36	0.13	1.36	1.5
CMNR3012-3R9MT	3.9±20%	61	0.189	1.24	1.3
CMNR3012-4R7MT	4.7±20%	61	0.156	1.24	1
CMNR3012-5R6MT	5.6±20%	61	0.226	1.13	1.1
CMNR3012-6R8MT	6.8±20%	61	0.247	0.98	0.9
CMNR3012-100MT	10±20%	42	0.345	0.83	0.88
CMNR3012-120MT	12±20%	32	0.449	0.73	0.67
CMNR3012-150MT	15±20%	27	0.468	0.71	0.62
CMNR3012-180MT	18±20%	25	0.709	0.58	0.59

CMNR3015 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR3015-1R0NT	1.0±30%	150	0.039	2.5	2.8
CMNR3015-1R5NT	1.5±30%	100	0.065	2.2	2.7
CMNR3015-2R2NT	2.2±30%	86	0.078	2	2
CMNR3015-3R3MT	3.3±20%	68	0.104	1.6	1.81
CMNR3015-4R7MT	4.7±20%	46	0.163	1.3	1.4
CMNR3015-6R8MT	6.8±20%	39	0.26	1.1	1.1
CMNR3015-100MT	10±20%	41	0.325	0.9	0.92
CMNR3015-120MT	12±20%	32	0.416	0.89	0.9
CMNR3015-150MT	15±20%	30	0.455	0.72	0.88
CMNR3015-180MT	18±20%	23	0.559	0.72	0.72
CMNR3015-220MT	22±20%	23	0.598	0.69	0.68
CMNR3015-330MT	33±20%	20	1.066	0.51	0.53
CMNR3015-390MT	39±20%	14	1.294	0.44	0.55
CMNR3015-470MT	47±20%	14	1.625	0.44	0.43

CMNR4012 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR4012-1R0NT	1.0±30%	120	0.065	2.5	3.2
CMNR4012-1R5NT	1.5±30%	90	0.085	2.2	2.7
CMNR4012-2R2NT	2.2±30%	74	0.104	1.9	2.3
CMNR4012-3R3NT	3.3±30%	60	0.143	1.6	2.1
CMNR4012-4R7NT	4.7±30%	50	0.163	1.5	1.8
CMNR4012-6R8MT	6.8±20%	40	0.257	1.2	1.4
CMNR4012-100MT	10±20%	33	0.345	1	1.1
CMNR4012-120MT	12±20%	32	0.377	0.95	1
CMNR4012-150MT	15±20%	25	0.442	0.85	0.8
CMNR4012-180MT	18±20%	23	0.611	0.8	0.75
CMNR4012-220MT	22±20%	20	0.763	0.75	0.7
CMNR4012-270MT	27±20%	18	0.936	0.6	0.7
CMNR4012-330MT	33±20%	17	1.053	0.58	0.6
CMNR4012-390MT	39±20%	16	1.43	0.5	0.66
CMNR4012-470MT	47±20%	12	1.43	0.5	0.5

CMNR4020 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR4020-1R0NT	1.0±30%	75	0.038	3.2	5.2
CMNR4020-1R5NT	1.5±30%	71	0.046	3	4.9
CMNR4020-2R2NT	2.2±30%	49	0.052	2.8	3.7

CMNR4020 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR4020-3R3MT	3.3±20%	44	0.091	2.5	3.5
CMNR4020-4R7MT	4.7±20%	42	0.098	2	2.5
CMNR4020-5R6MT	5.6±20%	30	0.117	1.8	2.4
CMNR4020-6R8MT	6.8±20%	33	0.163	1.6	2.4
CMNR4020-8R2MT	8.2±20%	27	0.163	1.4	1.9
CMNR4020-100MT	10±20%	26	0.215	1.2	1.7
CMNR4020-120MT	12±20%	26	0.228	1.2	1.6
CMNR4020-150MT	15±20%	24	0.299	1.1	1.5
CMNR4020-220MT	22±20%	15	0.455	0.87	1.1
CMNR4020-270MT	27±20%	14	0.709	0.7	1.1
CMNR4020-330MT	33±20%	11	0.715	0.68	0.93
CMNR4020-390MT	39±20%	11	0.845	0.64	0.9
CMNR4020-470MT	47±20%	10	0.923	0.61	0.81
CMNR4020-680MT	68±20%	7.7	1.38	0.5	0.67
CMNR4020-820MT	82±20%	7.2	1.52	0.47	0.55
CMNR4020-101MT	100±20%	6.3	2.02	0.43	0.53

CMNR4030 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR4030-1R0NT	1.0±30%	70	0.018	4.7	5.7
CMNR4030-1R5NT	1.5±30%	62	0.026	3.6	5.3
CMNR4030-2R2NT	2.2±30%	52	0.039	3.2	5.8
CMNR4030-3R3MT	3.3±20%	38	0.052	2.6	3.6
CMNR4030-4R7MT	4.7±20%	31	0.078	2.3	3.2
CMNR4030-6R8MT	6.8±20%	24	0.117	1.7	3
CMNR4030-8R2MT	8.2±20%	26	0.117	1.7	2.3
CMNR4030-100MT	10±20%	21	0.13	1.6	2.4
CMNR4030-120MT	12±20%	18	0.175	1.4	1.8
CMNR4030-150MT	15±20%	16	0.247	1.2	1.8
CMNR4030-180MT	18±20%	10	0.26	1.2	1.5
CMNR4030-220MT	22±20%	10	0.292	1.2	1.4
CMNR4030-270MT	27±20%	10	0.338	1.05	1.35
CMNR4030-330MT	33±20%	10	0.429	0.92	1.2
CMNR4030-390MT	39±20%	10	0.566	0.8	1.1
CMNR4030-470MT	47±20%	8.4	0.579	0.8	1
CMNR4030-680MT	68±20%	7	1.128	0.57	0.8
CMNR4030-820MT	82±20%	5.6	1.378	0.52	0.72
CMNR4030-101MT	100±20%	5.6	1.495	0.49	0.73
CMNR4030-121MT	120±20%	5.4	1.755	0.46	0.6
CMNR4030-151MT	150±20%	4	2.34	0.41	0.6

CMNR5020 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR5020-1R0NT	1.0±30%	114	0.026	4.1	5
CMNR5020-1R5NT	1.5±30%	68	0.034	3.5	4.5
CMNR5020-2R2NT	2.2±30%	57	0.042	3.1	4
CMNR5020-3R3NT	3.3±30%	46	0.056	2.7	3
CMNR5020-4R7MT	4.7±20%	37	0.074	2.4	2.7
CMNR5020-6R8MT	6.8±20%	30	0.108	1.9	2.2
CMNR5020-8R2MT	8.2±20%	26	0.127	1.8	2
CMNR5020-100MT	10±20%	24	0.143	1.7	1.8
CMNR5020-120MT	12±20%	22	0.182	1.5	1.6
CMNR5020-150MT	15±20%	20	0.215	1.3	1.4
CMNR5020-180MT	18±20%	16	0.26	1.2	1.3
CMNR5020-220MT	22±20%	14	0.294	1.2	1.2
CMNR5020-330MT	33±20%	10	0.507	0.99	1
CMNR5020-470MT	47±20%	7	0.68	0.84	0.84
CMNR5020-560MT	56±20%	6	0.819	0.77	0.84
CMNR5020-680MT	68±20%	6	0.962	0.7	0.7
CMNR5020-820MT	82±20%	6	1.158	0.6	0.75
CMNR5020-101MT	100±20%	6	1.43	0.58	0.58
CMNR5020-121MT	120±20%	6	1.755	0.5	0.53
CMNR5020-201MT	200±20%	4.5	2.6	0.45	0.33

CMNR5040 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR5040-1R0NT	1.0±30%	117	0.016	5	8
CMNR5040-1R5NT	1.5±30%	86	0.02	4.85	6.8
CMNR5040-2R2NT	2.2±30%	50	0.025	4.2	5.5
CMNR5040-3R3NT	3.3±30%	32	0.031	3.9	4.45
CMNR5040-4R7NT	4.7±30%	28	0.039	3.3	3.8
CMNR5040-6R8MT	6.8±20%	21	0.056	2.8	3.4
CMNR5040-8R2MT	8.2±20%	20	0.062	2.6	2.9
CMNR5040-100MT	10±20%	18	0.083	2.35	2.7
CMNR5040-150MT	15±20%	13	0.112	2.05	2.2
CMNR5040-220MT	22±20%	11	0.168	1.6	1.8
CMNR5040-330MT	33±20%	9	0.244	1.35	1.45
CMNR5040-470MT	47±20%	7	0.354	1.15	1.2
CMNR5040-680MT	68±20%	6	0.52	0.9	1
CMNR5040-101MT	100±20%	5	0.728	0.78	0.85
CMNR5040-151MT	150±20%	3.7	0.975	0.7	0.67

CMNR6020 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR6020-R82NT	0.82±30%	110	0.022	4.8	6.3
CMNR6020-1R0NT	1.0±30%	100	0.02	4.4	5
CMNR6020-1R5NT	1.5±30%	79	0.029	4	5.1
CMNR6020-1R8NT	1.8±30%	68	0.036	3.5	5.8
CMNR6020-2R2NT	2.2±30%	61	0.036	3.5	4.5
CMNR6020-3R3NT	3.3±30%	51	0.046	3.3	3.7
CMNR6020-4R7NT	4.7±30%	41	0.075	2.5	3.6
CMNR6020-6R8NT	6.8±30%	31	0.103	2.3	2.6
CMNR6020-100MT	10±20%	27	0.137	1.8	2.1
CMNR6020-120MT	12±20%	25	0.156	1.6	1.7
CMNR6020-150MT	15±20%	21	0.189	1.5	1.4
CMNR6020-180MT	18±20%	18	0.234	1.4	1.4
CMNR6020-220MT	22±20%	16	0.265	1.3	1.2
CMNR6020-330MT	33±20%	11	0.39	1.05	1.1
CMNR6020-470MT	47±20%	10	0.559	0.9	0.9

CMNR6028 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR6028-R82NT	0.82±30%	97	0.016	6	9
CMNR6028-1R0NT	1.0±30%	70	0.013	5.7	7
CMNR6028-1R5NT	1.5±30%	65	0.017	5	6.6
CMNR6028-2R2NT	2.2±30%	48	0.026	4.1	5.6
CMNR6028-3R3NT	3.3±30%	41	0.033	3.8	4.5
CMNR6028-4R7NT	4.7±30%	35	0.039	3.4	3.3
CMNR6028-6R8MT	6.8±20%	27	0.061	2.6	3
CMNR6028-8R2MT	8.2±20%	24	0.072	2.5	2.5
CMNR6028-100MT	10±20%	23	0.094	2.4	2.5
CMNR6028-120MT	12±20%	18	0.104	2	2
CMNR6028-150MT	15±20%	18	0.163	1.6	1.9
CMNR6028-180MT	18±20%	15	0.156	1.6	1.8
CMNR6028-220MT	22±20%	14	0.182	1.6	1.8
CMNR6028-270MT	27±20%	13	0.202	1.4	1.6
CMNR6028-330MT	33±20%	12	0.241	1.3	1.5
CMNR6028-390MT	39±20%	11	0.293	1.2	1.4
CMNR6028-470MT	47±20%	9.5	0.41	1.1	1.3
CMNR6028-560MT	56±20%	8.2	0.449	1	1.2
CMNR6028-680MT	68±20%	7.7	0.468	0.95	0.95
CMNR6028-820MT	82±20%	7.7	0.65	0.77	0.88
CMNR6028-101MT	100±20%	7.1	0.65	0.77	0.71

CMNR6045 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR6045-R68NT	0.68±30%	99	0.008	6.5	12
CMNR6045-R82NT	0.82±30%	140	0.01	6.5	11
CMNR6045-1R0NT	1.0±30%	100	0.014	5.6	10
CMNR6045-1R5NT	1.5±30%	65	0.016	5.4	9.7
CMNR6045-2R2NT	2.2±30%	52	0.018	5	7.4
CMNR6045-3R3NT	3.3±30%	32	0.027	4	6.2
CMNR6045-4R7MT	4.7±20%	24	0.034	3.6	5.5
CMNR6045-5R6MT	5.6±20%	23	0.038	3.4	4.6
CMNR6045-6R8MT	6.8±20%	20	0.04	3.3	4.3
CMNR6045-8R2MT	8.2±20%	21	0.056	2.8	4.3
CMNR6045-100MT	10±20%	15	0.062	2.7	3.5
CMNR6045-120MT	12±20%	13	0.075	2.4	3
CMNR6045-150MT	15±20%	12	0.088	2.2	2.7
CMNR6045-180MT	18±20%	10	0.105	2	2.4
CMNR6045-220MT	22±20%	10	0.116	2	2.2
CMNR6045-330MT	33±20%	7.8	0.178	1.6	1.8
CMNR6045-390MT	39±20%	7.8	0.234	1.4	1.6
CMNR6045-470MT	47±20%	6.4	0.26	1.3	1.5
CMNR6045-560MT	56±20%	6.4	0.287	1.2	1.4
CMNR6045-680MT	68±20%	6.4	0.376	1.1	1.3
CMNR6045-820MT	82±20%	4.9	0.443	0.99	1.1
CMNR6045-101MT	100±20%	4.2	0.563	0.88	1
CMNR6045-121MT	120±20%	4.2	0.629	0.85	0.94
CMNR6045-151MT	150±20%	4.2	0.754	0.77	0.88
CMNR6045-221MT	220±20%	3.5	1.084	0.65	0.77

CMNR8040 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR8040-R82NT	0.82±30%	94	0.01	6.9	16
CMNR8040-1R0NT	1.0±30%	89	0.01	6.9	14
CMNR8040-1R5NT	1.5±30%	67	0.013	6.2	11
CMNR8040-2R2NT	2.2±30%	41	0.016	5.6	8
CMNR8040-3R3NT	3.3±30%	27	0.022	4.8	7
CMNR8040-3R9NT	3.9±30%	26	0.022	4.8	6.5
CMNR8040-4R7NT	4.7±30%	24	0.025	4.5	6.5
CMNR8040-5R6NT	5.6±30%	24	0.027	4.2	6.9
CMNR8040-6R8MT	6.8±20%	20	0.031	4	5.2
CMNR8040-8R2MT	8.2±20%	17	0.034	3.8	4.8
CMNR8040-100MT	10±20%	15	0.038	3.6	4.1
CMNR8040-120MT	12±20%	13	0.053	3	4

CMNR8040 TYPE

Part Number 型号	Inductance 电感量 @100KHz 0.25V	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Heat Rating Current 温升电流	Saturation Current 饱和电流
Units 单位	UH	MHz	Ω	A	A
Symbol 符号	L _{0A}	S.R.F	DCR(Max)	I rms.	I sat.
CMNR8040-150MT	15±20%	12	0.061	2.8	3.4
CMNR8040-180MT	18±20%	11	0.069	2.6	3.1
CMNR8040-220MT	22±20%	9.5	0.09	2.3	2.7
CMNR8040-270MT	27±20%	9.2	0.101	2.2	2.5
CMNR8040-330MT	33±20%	7.8	0.126	2	2.4
CMNR8040-470MT	47±20%	6.4	0.177	1.7	2
CMNR8040-680MT	68±20%	4.9	0.255	1.4	1.6
CMNR8040-820MT	82±20%	5.9	0.293	1.2	1.4
CMNR8040-101MT	100±20%	4.2	0.377	1.1	1.3
CMNR8040-121MT	120±20%	3.5	0.434	1	1.1
CMNR8040-151MT	150±20%	3.5	0.533	0.94	1.2
CMNR8040-181MT	180±20%	3.5	0.676	0.92	1.15
CMNR8040-221MT	220±20%	3.5	0.779	0.88	0.94
CMNR8040-331MT	330±20%	2.8	1.156	0.7	0.75
CMNR8040-471MT	470±20%	2.1	1.625	0.6	0.7

※1: All test data is referenced to 20°C ambient;

※2: Rated current: Isat or Irms, whichever is smaller;

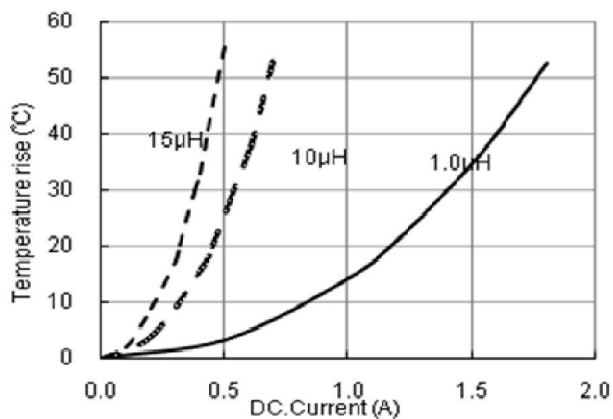
※3: Isat: DC current at which the inductance drops approximate 30% from its value without current;

※4: Irms: DC current that causes the temperature rise ($\Delta T = 40^\circ\text{C}$) from 20°C ambient.

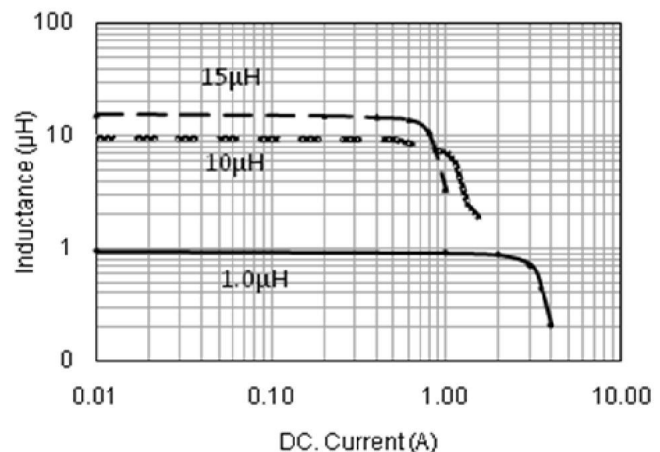
TYPICAL ELECTRICAL CHARACTERISTICS

CMNR252012 Series

Temperature vs. DC Current Characteristics



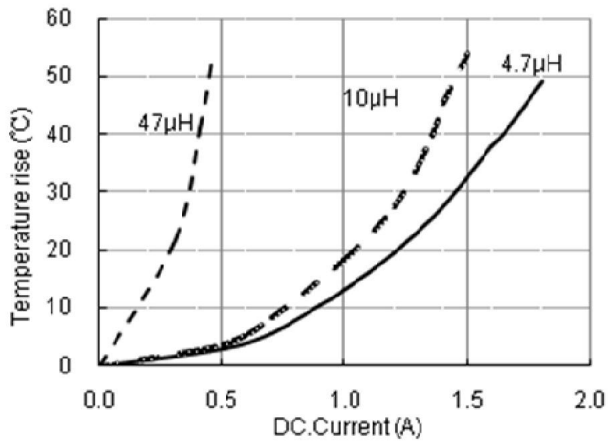
Inductance vs. DC Current Characteristics



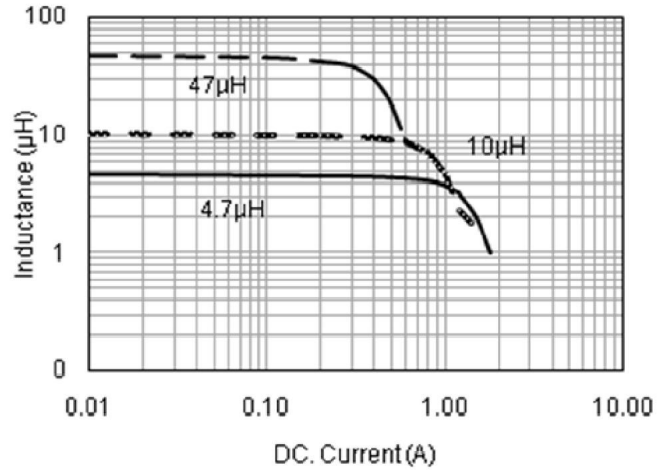
TYPICAL ELECTRICAL CHARACTERISTICS

CMNR3012 Series

Temperature vs. DC Current Characteristics

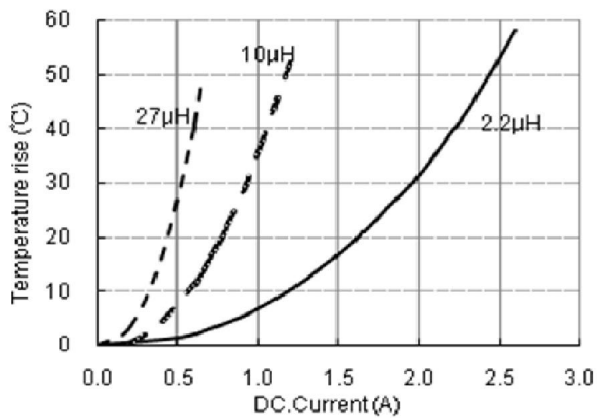


Inductance vs. DC Current Characteristics

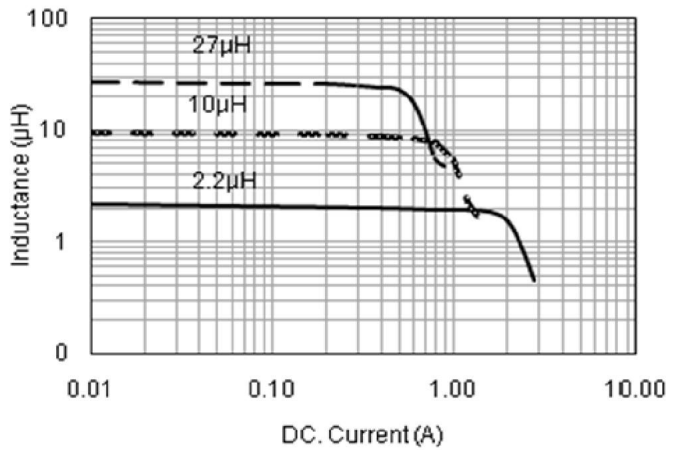


CMNR3015 Series

Temperature vs. DC Current Characteristics

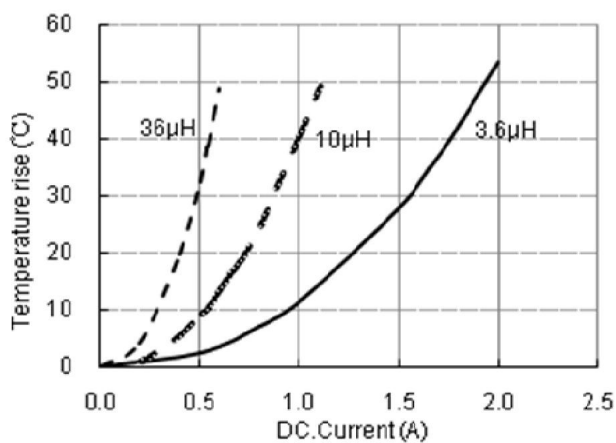


Inductance vs. DC Current Characteristics

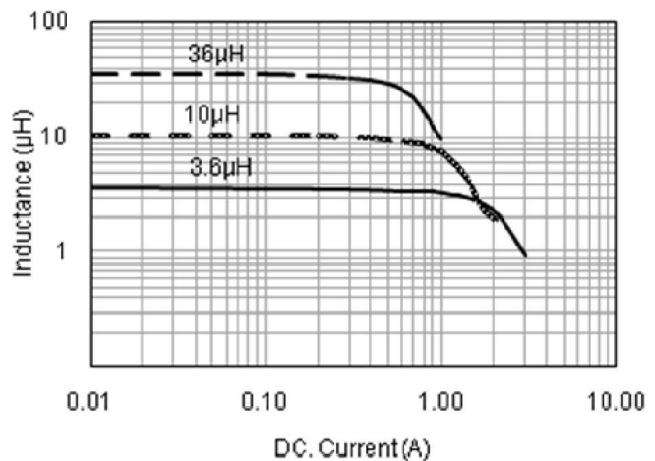


CMNR4012 Series

Temperature vs. DC Current Characteristics



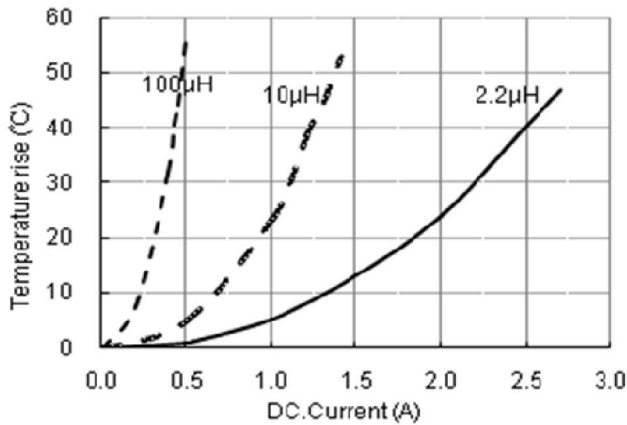
Inductance vs. DC Current Characteristics



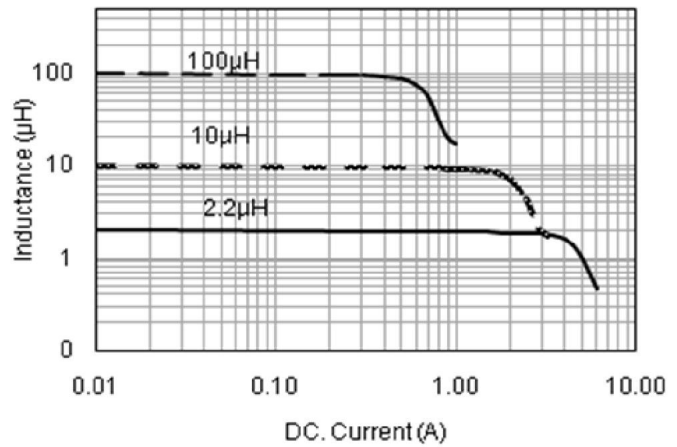
TYPICAL ELECTRICAL CHARACTERISTICS

CMNR4020 Series

Temperature vs. DC Current Characteristics

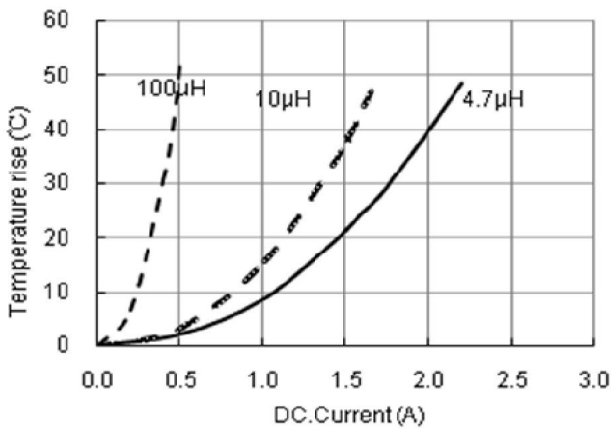


Inductance vs. DC Current Characteristics

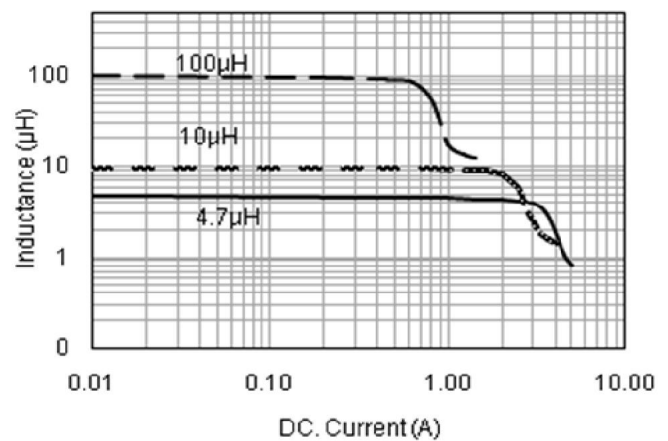


CMNR4030 Series

Temperature vs. DC Current Characteristics

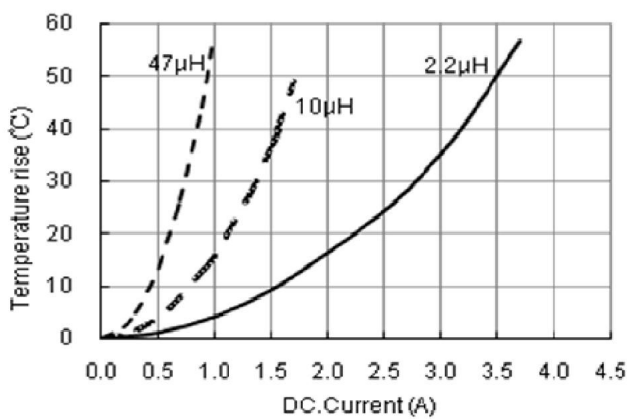


Inductance vs. DC Current Characteristics

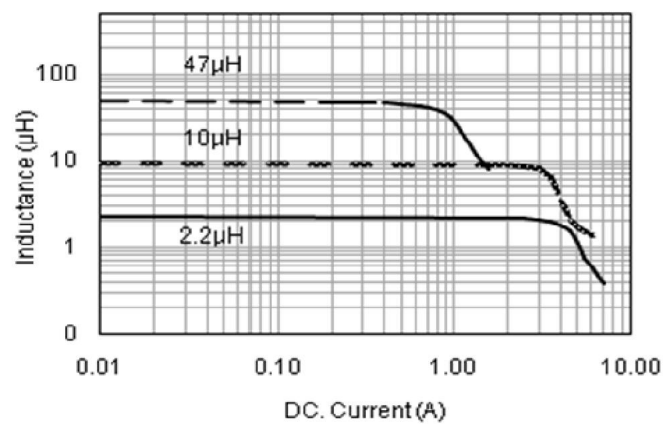


CMNR5020 Series

Temperature vs. DC Current Characteristics



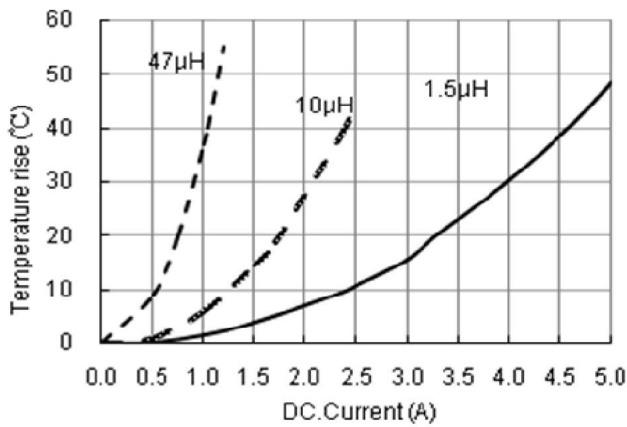
Inductance vs. DC Current Characteristics



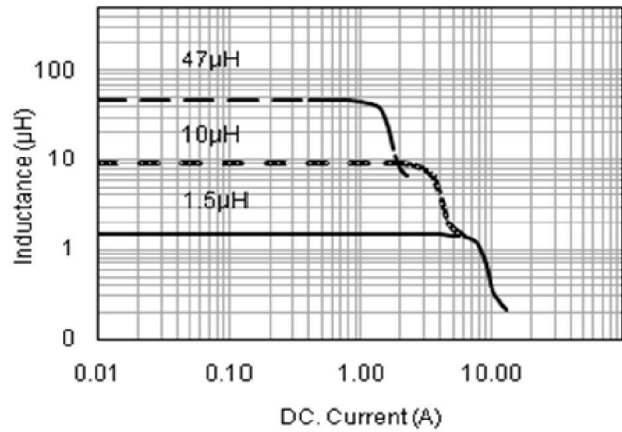
TYPICAL ELECTRICAL CHARACTERISTICS

CMNR5040 Series

Temperature vs. DC Current Characteristics

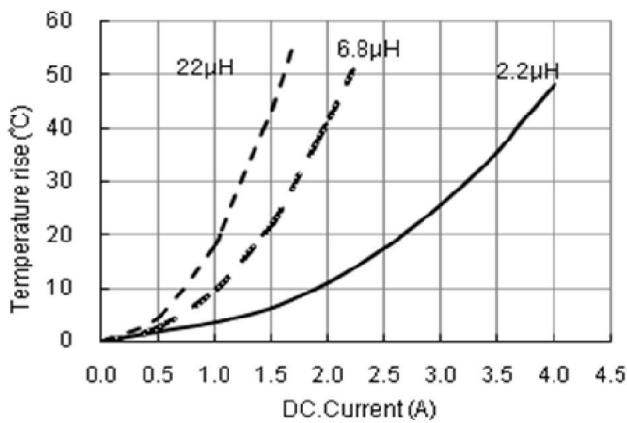


Inductance vs. DC Current Characteristics

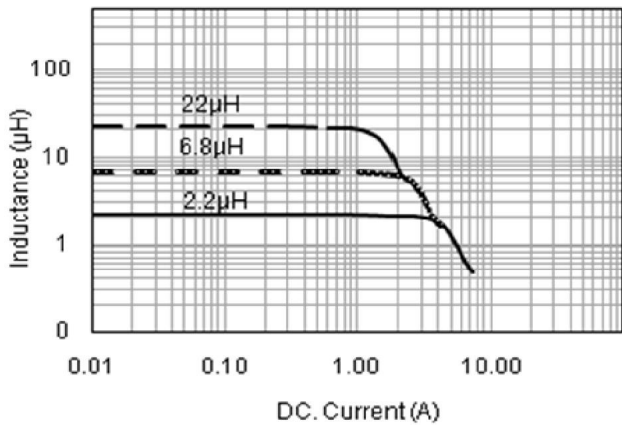


CMNR6020 Series

Temperature vs. DC Current Characteristics

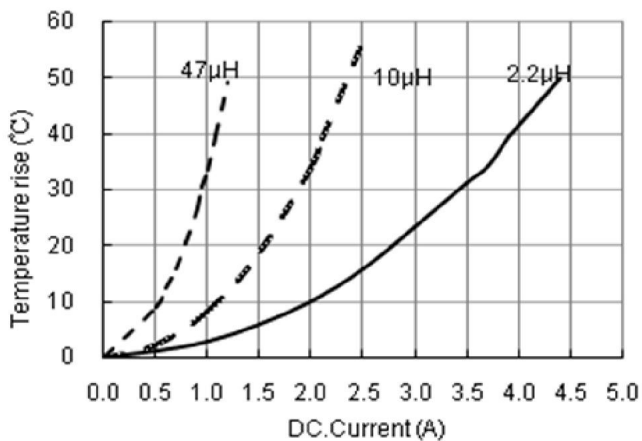


Inductance vs. DC Current Characteristics

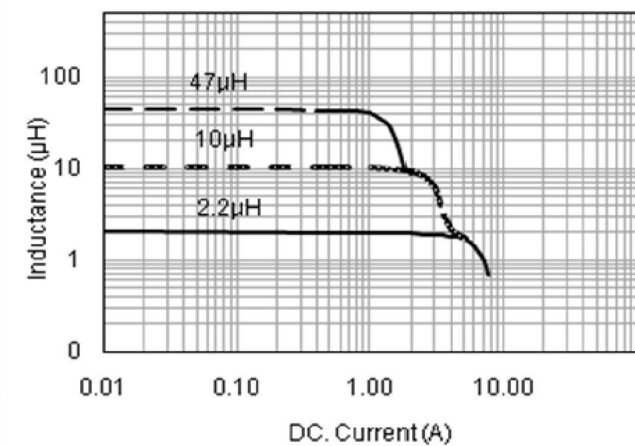


CMNR6028 Series

Temperature vs. DC Current Characteristics



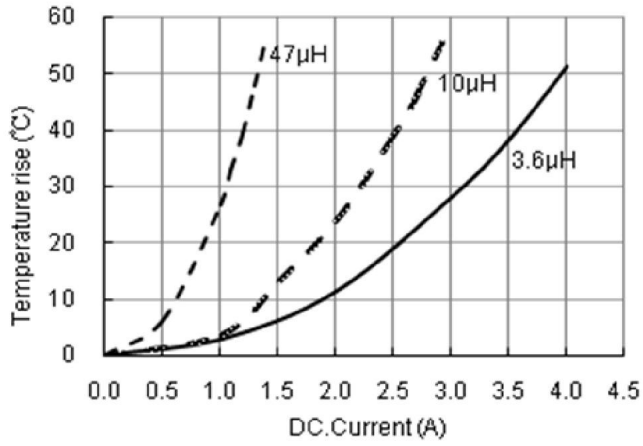
Inductance vs. DC Current Characteristics



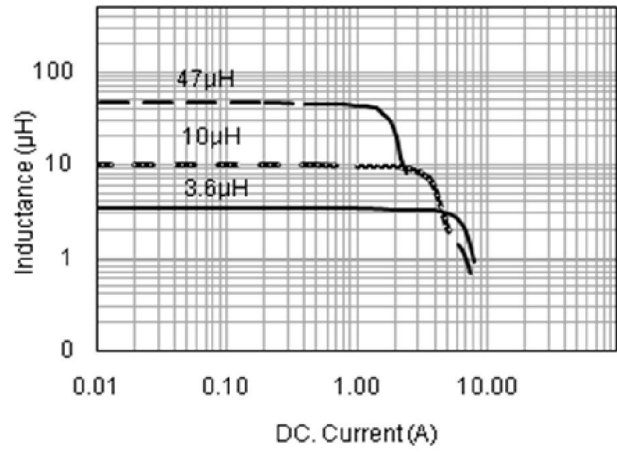
TYPICAL ELECTRICAL CHARACTERISTICS

CMNR6045 Series

Temperature vs. DC Current Characteristics

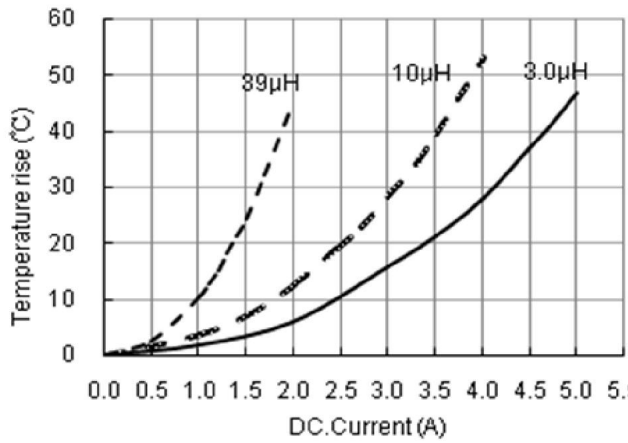


Inductance vs. DC Current Characteristics



CMNR8040 Series

Temperature vs. DC Current Characteristics



Inductance vs. DC Current Characteristics

