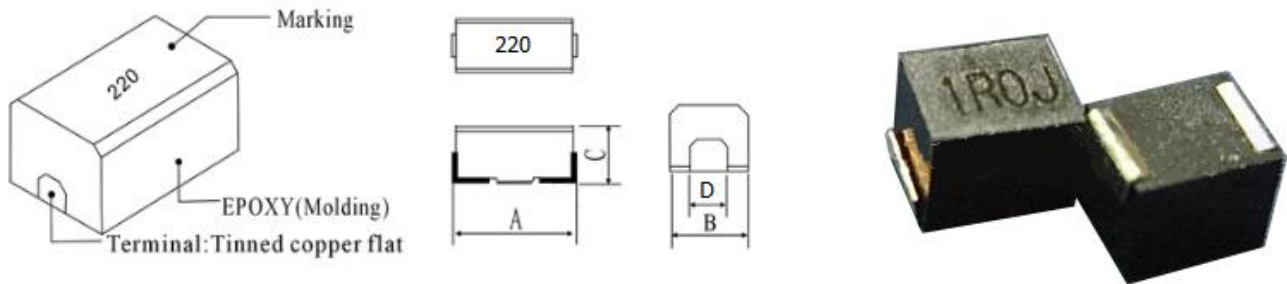


● EXTERNAL DIMENSIONS UNIT: mm (外形尺寸)



PART NO.	A (mm)	B (mm)	C (mm)	D (mm)
CMWL1008	2.5±0.2	2.0±0.2	1.8±0.2	1.4±0.1
CMWL1210	3.2±0.2	2.5±0.2	2.2±0.2	1.4±0.1
CMWL1812	4.5±0.2	3.2±0.2	3.2±0.2	1.2±0.1

● PART NUMBERING SYSTEM (品名系统)

CMWL	1210F	330	K	T
1	2	3	4	5
1、SERIES NAME	品名	C代C.RD., M指贴片系列, WL为塑封电感系列		
2、DIMENSIONS	尺寸	外围*高度 F和D指产品材料代号		
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: ±30%		
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

● APPLICATIONS (用途)

录影机、OA仪器、数码相机、液晶电视、笔记本电脑、小型通信机器、DC/DC变压器之电源供应等

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

CMWL1008F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1008F- 10NJ	0.01±5%	15	100	2150	0.26	530
CMWL1008F- 12NJ	0.012±5%	15	100	2050	0.27	500
CMWL1008F- 15NJ	0.015±5%	15	100	2000	0.29	480
CMWL1008F- 18NJ	0.018±5%	15	100	1850	0.31	450
CMWL1008F- 22NJ	0.022±5%	15	100	1650	0.37	420
CMWL1008F- 27NJ	0.027±5%	15	100	1550	0.4	410
CMWL1008F- 33NJ	0.033±5%	20	100	1450	0.42	400
CMWL1008F- 39NJ	0.039±5%	20	100	1350	0.45	380
CMWL1008F- 47NJ	0.047±5%	20	100	1200	0.5	360
CMWL1008F- 56NJ	0.056±5%	20	100	1100	0.6	340
CMWL1008F- 68NJ	0.068±5%	20	100	1050	0.65	320
CMWL1008F- 82NJ	0.082±5%	20	100	900	0.75	300
CMWL1008F- R10J	0.10±5%	30	100	800	0.8	280
CMWL1008F- R12J	0.12±5%	30	25.2	700	0.3	550
CMWL1008F- R15J	0.15±5%	30	25.2	550	0.35	500
CMWL1008F- R18J	0.18±5%	30	25.2	500	0.4	460
CMWL1008F- R22J	0.22±5%	30	25.2	450	0.5	430
CMWL1008F- R27J	0.27±5%	30	25.2	425	0.55	420
CMWL1008F- R33J	0.33±5%	30	25.2	400	0.6	400
CMWL1008F- R39J	0.39±5%	30	25.2	375	0.65	375
CMWL1008F- R47J	0.47±5%	30	25.2	350	0.68	350
CMWL1008F- R56J	0.56±5%	30	25.2	325	0.75	325
CMWL1008F- R68J	0.68±5%	30	25.2	300	0.85	300
CMWL1008F- R82J	0.82±5%	30	25.2	260	1	260
CMWL1008F- 1R0J	1±5%	30	7.96	245	1.1	245
CMWL1008F- 1R2J	1.2±5%	30	7.96	230	1.2	230
CMWL1008F- 1R5J	1.5±5%	30	7.96	182	1.3	220
CMWL1008F- 1R8J	1.8±5%	30	7.96	135	1.45	210
CMWL1008F- 2R2J	2.2±5%	30	7.96	105	1.55	200
CMWL1008F- 2R7J	2.7±5%	30	7.96	70	1.7	195
CMWL1008F- 3R3J	3.3±5%	30	7.96	55	1.9	185
CMWL1008F- 3R9J	3.9±5%	30	7.96	48	2.1	180
CMWL1008F- 4R7J	4.7±5%	30	7.96	43	2.3	175
CMWL1008F- 5R6J	5.6±5%	25	7.96	42	2.5	170
CMWL1008F- 6R8J	6.8±5%	25	7.96	39	2.7	165
CMWL1008F- 8R2J	8.2±5%	25	7.96	36	3.05	160
CMWL1008F- 100J	10±5%	25	2.52	33	3.5	155

CMWL1008F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1008F- 120J	12±5%	25	2.52	30	3.8	150
CMWL1008F- 150J	15±5%	25	2.52	26	4.4	140
CMWL1008F- 180J	18±5%	25	2.52	24	4.8	130
CMWL1008F- 220J	22±5%	25	2.52	22	5.5	125
CMWL1008F- 270J	27±5%	25	2.52	21	6.3	115
CMWL1008F- 330J	33±5%	25	2.52	20	7.1	110
CMWL1008F- 390J	39±5%	20	2.52	18	9.5	90
CMWL1008F- 470J	47±5%	20	2.52	17	11.1	80
CMWL1008F- 560J	56±5%	20	2.52	16	12.1	75
CMWL1008F- 680J	68±5%	20	2.52	15	16.6	70
CMWL1008F- 820J	82±5%	20	2.52	13	19	66
CMWL1008F- 101J	100±5%	15	0.796	12	21	60

CMWL1210F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1210F- 10NJ	0.01±5%	15	100	2500	0.13	450
CMWL1210F- 12NJ	0.012±5%	17	100	2300	0.14	450
CMWL1210F- 15NJ	0.015±5%	19	100	2100	0.16	450
CMWL1210F- 18NJ	0.018±5%	21	100	1900	0.18	450
CMWL1210F- 22NJ	0.022±5%	23	100	1700	0.2	450
CMWL1210F- 27NJ	0.027±5%	23	100	1500	0.22	450
CMWL1210F- 33NJ	0.033±5%	25	100	1400	0.24	450
CMWL1210F- 39NJ	0.039±5%	25	100	1300	0.27	450
CMWL1210F- 47NJ	0.047±5%	26	100	1200	0.3	450
CMWL1210F- 56NJ	0.056±5%	26	100	1100	0.33	450
CMWL1210F- 68NJ	0.068±5%	27	100	1000	0.36	450
CMWL1210F- 82NJ	0.082±5%	27	100	900	0.4	450
CMWL1210F- R10J	0.10±5%	28	100	700	0.44	450
CMWL1210F- R12J	0.12±5%	30	25.2	500	0.22	450
CMWL1210F- R15J	0.15±5%	30	25.2	450	0.25	450
CMWL1210F- R18J	0.18±5%	30	25.2	400	0.28	450
CMWL1210F- R22J	0.22±5%	30	25.2	350	0.32	450
CMWL1210F- R27J	0.27±5%	30	25.2	320	0.36	450
CMWL1210F- R33J	0.33±5%	30	25.2	300	0.4	450
CMWL1210F- R39J	0.39±5%	30	25.2	250	0.45	450
CMWL1210F- R47J	0.47±5%	30	25.2	220	0.5	450
CMWL1210F- R56J	0.56±5%	30	25.2	180	0.55	450
CMWL1210F- R68J	0.68±5%	30	25.2	160	0.6	450

CMWL1210F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1210F- R82J	0.82±5%	30	25.2	140	0.65	450
CMWL1210F- 1R0J	1±5%	30	7.96	120	0.7	450
CMWL1210F- 1R2J	1.2±5%	30	7.96	100	0.75	400
CMWL1210F- 1R5J	1.5±5%	30	7.96	85	0.85	370
CMWL1210F- 1R8J	1.8±5%	30	7.96	80	0.9	350
CMWL1210F- 2R2J	2.2±5%	30	7.96	75	1	320
CMWL1210F- 2R7J	2.7±5%	30	7.96	70	1.1	290
CMWL1210F- 3R3J	3.3±5%	30	7.96	60	1.2	260
CMWL1210F- 3R9J	3.9±5%	30	7.96	55	1.3	250
CMWL1210F- 4R7J	4.7±5%	30	7.96	50	1.5	220
CMWL1210F- 5R6J	5.6±5%	30	7.96	45	1.6	200
CMWL1210F- 6R8J	6.8±5%	30	7.96	40	1.8	180
CMWL1210F- 8R2J	8.2±5%	30	2.52	35	2	170
CMWL1210F- 100J	10±5%	30	2.52	30	2.1	150
CMWL1210F- 120J	12±5%	30	2.52	20	2.5	140
CMWL1210F- 150J	15±5%	30	2.52	20	2.8	130
CMWL1210F- 180J	18±5%	30	2.52	20	3.3	120
CMWL1210F- 220J	22±5%	30	2.52	20	3.7	110
CMWL1210F- 270J	27±5%	30	2.52	20	5	80
CMWL1210F- 330J	33±5%	30	2.52	17	5.6	70
CMWL1210F- 390J	39±5%	30	2.52	16	6.4	65
CMWL1210F- 470J	47±5%	30	2.52	15	7	60
CMWL1210F- 560J	56±5%	30	2.52	13	8	55
CMWL1210F- 680J	68±5%	30	2.52	12	9	50
CMWL1210F- 820J	82±5%	30	2.52	11	10	45
CMWL1210F- 101J	100±5%	20	0.796	10	10	40
CMWL1210F- 121J	120±5%	20	0.796	10	11	70
CMWL1210F- 151J	150±5%	20	0.796	8	15	65
CMWL1210F- 181J	180±5%	20	0.796	7	17	60
CMWL1210F- 221J	220±5%	20	0.796	7	21	50
CMWL1210F- 271J	270±5%	20	0.796	6	28	45
CMWL1210F- 331J	330±5%	20	0.796	5	34	40
CMWL1210F- 391J	390±5%	20	0.796	5	36	35
CMWL1210F- 471J	470±5%	20	0.796	4	40	25

CMWL1812F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1812F- R10M	0.10±20%	35	25.2	300	0.18	800

CMWL1812F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1812F- R12M	0.12±20%	35	25.2	280	0.2	770
CMWL1812F- R15M	0.15±20%	35	25.2	250	0.22	730
CMWL1812F- R18M	0.18±20%	35	25.2	220	0.24	700
CMWL1812F- R22M	0.22±20%	40	25.2	200	0.25	665
CMWL1812F- R27M	0.27±20%	40	25.2	180	0.26	635
CMWL1812F- R33M	0.33±20%	40	25.2	165	0.28	605
CMWL1812F- R39M	0.39±20%	40	25.2	150	0.3	575
CMWL1812F- R47M	0.47±20%	40	25.2	145	0.32	545
CMWL1812F- R56M	0.56±20%	40	25.2	140	0.36	520
CMWL1812F- R68M	0.68±20%	40	25.2	135	0.4	500
CMWL1812F- R82M	0.82±20%	40	25.2	130	0.45	475
CMWL1812F- 1R0K	1.0±10%	50	7.96	100	0.5	450
CMWL1812F- 1R2K	1.2±10%	50	7.96	80	0.55	430
CMWL1812F- 1R5K	1.5±10%	50	7.96	70	0.6	410
CMWL1812F- 1R8K	1.8±10%	50	7.96	65	0.65	390
CMWL1812F- 2R2K	2.2±10%	50	7.96	55	0.7	380
CMWL1812F- 2R7K	2.7±10%	50	7.96	50	0.75	370
CMWL1812F- 3R3K	3.3±10%	50	7.96	45	0.8	355
CMWL1812F- 3R9K	3.9±10%	50	7.96	40	0.9	330
CMWL1812F- 4R7K	4.7±10%	50	7.96	35	1	315
CMWL1812F- 5R6K	5.6±10%	50	7.96	33	1.1	300
CMWL1812F- 6R8K	6.8±10%	50	7.96	27	1.2	285
CMWL1812F- 8R2K	8.2±10%	50	7.96	25	1.4	270
CMWL1812F- 100K	10±10%	50	2.52	20	1.6	250
CMWL1812F- 120K	12±10%	50	2.52	18	2	225
CMWL1812F- 150K	15±10%	50	2.52	17	2.5	200
CMWL1812F- 180K	18±10%	50	2.52	15	2.8	190
CMWL1812F- 220K	22±10%	50	2.52	13	3.2	180
CMWL1812F- 270K	27±10%	50	2.52	12	3.6	170
CMWL1812F- 330K	33±10%	50	2.52	11	4	160
CMWL1812F- 390K	39±10%	50	2.52	10	4.5	150
CMWL1812F- 470K	47±10%	50	2.52	10	5	140
CMWL1812F- 560K	56±10%	50	2.52	9	5.5	135
CMWL1812F- 680K	68±10%	50	2.52	9	6	130
CMWL1812F- 820K	82±10%	50	2.52	8	7	120
CMWL1812F- 101K	100±10%	40	0.796	8	8	110
CMWL1812F- 121K	120±10%	40	0.796	6	8	110

CMWL1812F TYPE

Part Number 型号	Inductance 电感量	Min Quality Factor 品质因子	L,Q Test Freq,L/Q 测试频率	Min.Self- resonant Frequency 自谐频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流
Units 单位	UH	-	MHz	MHz	Ω	mA
Symbol 符号	L _{0A}	Q	Freq.	S.R.F	DCR	I _r
CMWL1812F- 151K	150±10%	40	0.796	6	9	105
CMWL1812F- 181K	180±10%	40	0.796	5	9.5	102
CMWL1812F- 221K	220±10%	40	0.796	5	10	100
CMWL1812F- 271K	270±10%	40	0.796	4	12	92
CMWL1812F- 331K	330±10%	40	0.796	4	14	85
CMWL1812F- 391K	390±10%	40	0.796	3.5	18	80
CMWL1812F- 471K	470±10%	40	0.796	3	26	62
CMWL1812F- 561K	560±10%	30	0.796	3	30	50
CMWL1812F- 681K	680±10%	30	0.796	3	30	50
CMWL1812F- 821K	820±10%	30	0.796	3	35	30
CMWL1812F- 102K	1000±10%	20	0.252	2.5	40	30