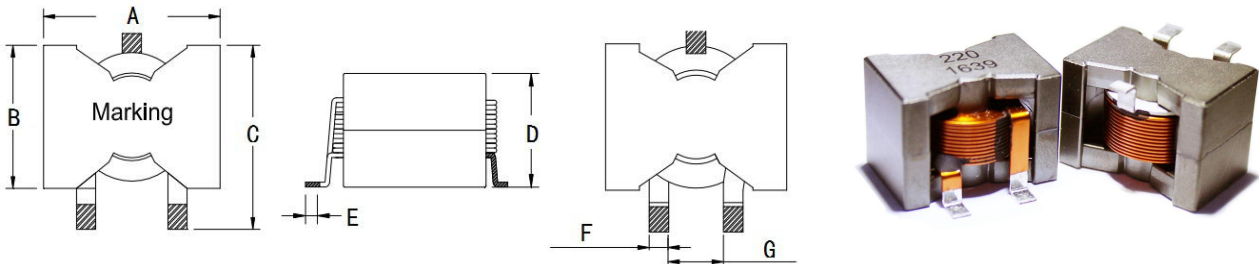


● EXTERNAL DIMENSIONS UNIT: mm (外形尺寸)



PART NO.	A	B	C (Max)	D (Max)	E (Min)	F	G	Packing
CMPQ2012	20.5±0.4	14.0±0.3	22.50	12.00	2.00	3.5±0.2	5.0±0.2	Bulk
CMPQ2014	20.5±0.4	14.0±0.3	22.50	14.50	2.00	3.5±0.2	5.0±0.2	Bulk
CMPQ2016	20.5±0.4	14.0±0.3	22.50	16.50	2.00	3.5±0.2	5.0±0.2	Bulk
CMPQ2915	27.5±0.5	19.5±0.5	27.90	15.40	3.80	3.8±0.2	6.6±0.5	Bulk
CMPQ2918	27.5±0.5	19.5±0.5	27.90	17.80	3.80	3.8±0.2	6.6±0.5	Bulk

● PART NUMBERING SYSTEM (品名系统)

CMPQ	2012	R50	M	B
1	2	3	4	5
1、SERIES NAME	品名	C代C. RD. , M指贴片系列, P代表扁平线圈, Q代表磁罐磁芯		
2、DIMENSIONS	尺寸	外围*高度		
3、INDUCTANCE	电感值	R50: 0.5 μH	4R7: 4.7 μH	470: 47 μH
4、TOLERANCE CODE	公差	M: ±20%, N: ±30%		
5、PACKING CODE	包装方式	T: Tape&Reel (卷装) B: In Bulk		

● FEATURES (特性)

损耗小, 温升高, 抗干扰性能好, 形状合理, 功率范围大 (50W-1000W), 能有效减少安装体积, 备有多个引脚, 绕制接线方便。组装成本低, 易满足安规要求

● APPLICATIONS (用途)

用于网络、通讯、电源、电器设备、医疗设备、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

CMPQ2012 TYPE

Part Number 型号	Inductance 电感量	DC Resistance 直流电阻		Saturation Current 饱和电流	Temperature rise current 温升电流
	@1MHz 0.25V	Max.	Typ.	Drop≤20%	Rise≤40℃
Units 单位	μH	mΩ		A	
Symbol 符号	L _{0A}	DCR		I sat.	I _{rms.}
CMPQ2012-R50MB	0.5±20%	0.4	0.35	75	35
CMPQ2012-1R0MB	1.0±20%	1.1	0.9	60	30
CMPQ2012-1R5MB	1.5±20%	1.3	1	55	30
CMPQ2012-2R2MB	2.2±20%	1.8	1.6	50	25
CMPQ2012-3R3MB	3.3±20%	6.0	4.3	49	20
CMPQ2012-4R7MB	4.7±20%	6.0	4.3	35	20
CMPQ2012-6R8MB	6.8±20%	6.0	4.3	26	20
CMPQ2012-8R2MB	8.2±20%	6.0	4.3	20	20
CMPQ2012-100MB	10±20%	7.0	5.8	20	16
CMPQ2012-150MB	15±20%	7.0	5.8	15	16
CMPQ2012-220MB	22±20%	7.0	5.8	10	16
CMPQ2012-330MB	33±20%	7.0	5.8	6	16

CMPQ2014 TYPE

Part Number 型号	Inductance 电感量	DC Resistance 直流电阻		Saturation Current 饱和电流	Temperature rise current 温升电流
	@1MHz 0.25V	Max.	Typ.	Drop≤20%	Rise≤40℃
Units 单位	μH	mΩ		A	
Symbol 符号	L _{0A}	DCR		I sat.	I _{rms.}
CMPQ2014-2R2MB	2.2±20%	2.2	1.8	60	28
CMPQ2014-3R3MB	3.3±20%	3.2	2.4	48	24
CMPQ2014-4R7MB	4.7±20%	3.2	2.4	35	24
CMPQ2014-5R6MB	5.6±20%	3.2	2.4	30	24
CMPQ2014-6R8MB	6.8±20%	7.3	6.6	34	18
CMPQ2014-8R2MB	8.2±20%	7.3	6.6	29	17
CMPQ2014-100MB	10±20%	7.3	6.6	23	16
CMPQ2014-150MB	15±20%	9.5	8.6	18	16
CMPQ2014-220MB	22±20%	9.5	8.6	13	16
CMPQ2014-330MB	33±20%	9.5	8.6	9	16

CMPQ2016 TYPE

Part Number	Inductance	DC Resistance	Saturation	Temperature
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Part Number 型号	Inductance 电感量	DC Resistance 直流电阻		Saturation Current 饱和电流	Temperature rise current 温升电流
	@1MHz 0.25V	Max.	Typ.	Drop≤20%	Rise≤40℃
Units 单位	μH	mΩ		A	
Symbol 符号	L _{0A}	DCR		I sat.	I _{rms.}
CMPQ2016-6R8MB	6.8±20%	3.5	3.1	25	20
CMPQ2016-8R2MB	8.2±20%	3.5	3.1	27	20
CMPQ2016-100MB	10±20%	6.0	4.6	24	18
CMPQ2016-220MB	22±20%	6.0	4.6	11	18
CMPQ2016-470MB	47±20%	10.5	9.6	6.5	15

CMPQ2915 TYPE

Part Number 型号	Inductance 电感量	DC Resistance 直流电阻		Saturation Current 饱和电流	Temperature rise current 温升电流
	@1MHz 0.25V	Max.	Typ.	Drop≤20%	Rise≤40℃
Units 单位	μH	mΩ		A	
Symbol 符号	L _{0A}	DCR		I sat.	I _{rms.}
CMPQ2915-1R5MB	1.5±20%	1.76	1.6	100	80
CMPQ2915-2R2MB	2.2±20%	1.9	1.78	100	80
CMPQ2915-3R3MB	3.3±20%	2.5	2.1	55	45
CMPQ2915-4R7MB	4.7±20%	3.5	3.1	37	30
CMPQ2915-6R8MB	6.8±20%	6	4.8	26	20
CMPQ2915-100MB	10±20%	8.5	6.75	16.5	12
CMPQ2915-220MB	22±20%	10	8.6	12	9
CMPQ2915-330MB	33±20%	13	11	10	8
CMPQ2915-470MB	47±20%	15	12.3	8	6

CMPQ2918 TYPE

Part Number 型号	Inductance 电感量	DC Resistance 直流电阻		Saturation Current 饱和电流	Temperature rise current 温升电流
	@1MHz 0.25V	Max.	Typ.	Drop≤20%	Rise≤40℃
Units 单位	μH	mΩ		A	
Symbol 符号	L _{0A}	DCR		I sat.	I _{rms.}
CMPQ2918-3R3MB	3.3±20%	2.86	2.6	92.5	75
CMPQ2918-4R7MB	4.7±20%	3.5	2.6	62	55
CMPQ2918-6R8MB	6.8±20%	4.3	3.7	45	38
CMPQ2918-100MB	10±20%	5.2	4.6	22	16
CMPQ2918-150MB	15±20%	7.0	5.8	22	16
CMPQ2918-220MB	22±20%	11	9.5	16	12
CMPQ2918-330MB	33±20%	15	12	14	10