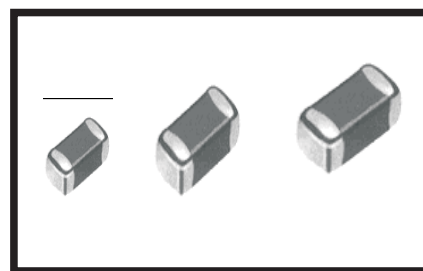


## 大電流型鐵氧體片式電感 FERRITE CHIP INDUCTORS(CMP)

OPERATING TEMP	-40~+85℃
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### ● 特征 FEATURES

- 超大的額定電流，極低的直流電阻
- 漏磁小，不產生耦合，可靠性高
- 無引綫，不產生跟踪性，適合高密度表面貼裝
- 優良的可焊性及耐熱衝擊性，適合波峰焊及回流焊
- Very large rated current and low direct-current resistance.
- No cross coupling between inductors due to low magnetic shield and high reliability.
- No lead, ideal for high density SMT installation, with no directionality.
- Superior solderability and resistance to soldering heat, ideal for wave or reflow soldering.

### ● 應用 APPLICATIONS

- VCD/DVD、數碼相機、電腦、數字電視、機頂盒
- VCD/DVD、digital cameras、personal computers etc.

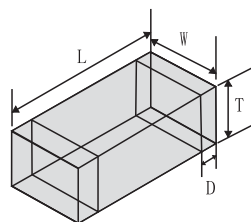
### ● 產品規格型號的表示方法 ORDERING CODE

<u>CMP</u>	<u>201209</u>	<u>V</u>	<u>D</u>	<u>47N</u>	<u>K</u>	<u>T</u>
①	②	③	④	⑤	⑥	⑦

① 產品代號 Product Code		② 規格尺寸(L×W×T) (mm) Dimensions		③ 材料代號 Material Code	④ 系列代號 Series Code	⑤ 感量(μH) Inductance	
CMP	疊層片式電感 Multilayer Chip Inductors	160808	1.6×0.8×0.8	U	D E	實例 Example	
		201209	2.0×1.2×0.9	V		47N	0.047
		321609	3.2×1.6×0.9	J		R10	0.10
		252009	2.5×2.0×0.9	X		1R0	1.0
						N=0.0(nH) R=0.0(μH)	
⑥ 誤差 Tolerance		⑦ 包裝方式 Packaging Style					
M	±20%	T	卷帶盤裝 Tape & Reel				
		B	散裝 Bulk				

## 大電流型鐵氧體片式電感 FERRITE CHIP INDUCTORS

### • 外形尺寸 SHAPE AND DIMENSIONS



Unit:mm(inch)

Part No.	L	W	T	D
160808 (0603)	1.6±0.2 (0.063±0.008)	0.8±0.2 (0.031±0.008)	0.8±0.2 (0.031±0.008)	0.3±0.2 (0.01±0.008)
201209 (0805)	2.0±0.2 (0.079±0.008)	1.2±0.2 (0.047±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)
321609 (1206)	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	1.1±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)
252009 (1008)	2.5±0.2 (0.098±0.008)	2.0±0.2 (0.079±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)

### • 電性能參數 ELECTRICAL CHARACTERISTICS

2012 TYPE

型号 Part No.	电感量 Inductance ( $\mu$ H)	测试频率 Test Fre. (MHz)	自谐振频率 SRF (MHz)Min	直流电阻 DCR ( $\Omega$ )Max	额定电流 I <sub>r</sub> (mA)Max
CMP201209VD47NM	0.047	1	280	0.10	1100
CMP201209VD56NM	0.056		280	0.10	1100
CMP201209VD68NM	0.068		250	0.15	1100
CMP201209VD82NM	0.082		250	0.15	1100
CMP201209VDR10M	0.10		210	0.15	1100
CMP201209VDR12M	0.12		200	0.15	1100
CMP201209VDR15M	0.15		175	0.15	1100
CMP201209VDR18M	0.18		160	0.15	1100
CMP201209VDR22M	0.22		150	0.15	1100
CMP201209VDR27M	0.27		130	0.15	1100
CMP201209VDR33M	0.33		120	0.15	1100
CMP201209VDR39M	0.39		110	0.15	1100
CMP201209VDR47M	0.47		100	0.15	1100
CMP201209VDR56M	0.56		100	0.20	800
CMP201209VDR68M	0.68		95	0.20	800
CMP201209VDR82M	0.82		90	0.20	800
CMP201209UD1R0M	1.0		75	0.24	800
CMP201209UD1R2M	1.2		65	0.24	800
CMP201209UD1R5M	1.5		60	0.30	700
CMP201209UD1R8M	1.8		55	0.36	600
CMP201209UD2R2M	2.2		50	0.36	600
CMP201209UD2R7M	2.7		45	0.36	600
CMP201209UD3R3M	3.3		41	0.40	350
CMP201209UD3R9M	3.9		38	0.40	350
CMP201209UD4R7M	4.7		35	0.40	350
CMP201209UD5R6M	5.6		32	0.50	250
CMP201209XD6R8M	6.8		29	0.50	250
CMP201209XD8R2M	8.2		26	0.56	250
CMP201209XD100M	10		24	0.56	250
CMP201209XD120M	12		22	0.56	250
CMP201209JD150M	15	19	0.65	100	
CMP201209JD180M	18	18	0.65	100	

• 電性能參數 ELECTRICAL CHARACTERISTICS

2520 TYPE

型号 Part No.	电感量 Inductance ( $\mu$ H)	测试频率 Test Fre. (MHz)	自谐振频率 SRF (MHz)Min	直流电阻 DCR ( $\Omega$ )Max	额定电流 Ir (mA)Max
CMP252009UD1R0K/M/N	1.0	1	70	0.12	1500
CMP252009UD1R2K/M/N	1.2		50	0.15	1500
CMP252009UD1R5K/M/N	1.5		50	0.15	1500
CMP252009UD1R8K/M/N	1.8		40	0.18	1000
CMP252009UD2R2K/M/N	2.2		40	0.18	1000
CMP252009UD2R7K/M/N	2.7		30	0.22	1000
CMP252009UD3R3K/M/N	3.3		30	0.22	1000
CMP252009UD3R9K/M/N	3.9		25	0.26	1000
CMP252009UD4R7K/M/N	4.7		25	0.26	1000

3216 TYPE

型号 Part No.	电感量 Inductance ( $\mu$ H)	测试频率 Test Fre. (MHz)	自谐振频率 SRF (MHz)Min	直流电阻 DCR ( $\Omega$ )Max	额定电流 Ir (mA)Max
CMP321609UD1R0M	1.0	1	60	0.15	1200
CMP321609UD1R2M	1.2		65	0.15	1200
CMP321609UD1R5M	1.5		60	0.17	1000
CMP321609UD1R8M	1.8		55	0.24	900
CMP321609UD2R2M	2.2		50	0.24	900
CMP321609UD2R7M	2.7		45	0.30	800
CMP321609UD3R3M	3.3		41	0.30	800
CMP321609UD3R9M	3.9		38	0.38	700
CMP321609UD4R7M	4.7		35	0.38	700
CMP321609UD5R6M	5.6		32	0.45	500
CMP321609XD6R8M	6.8		29	0.45	500
CMP321609XD8R2M	8.2		26	0.55	300
CMP321609XD100M	10		24	0.55	300
CMP321609XD120M	12		22	0.55	300
CMP321609JD150M	15		19	0.65	100
CMP321609JD180M	18		18	0.65	100

## 大電流型鐵氧體片式電感 FERRITE CHIP INDUCTORS

### 1608 TYPE

型号 Part No.	电感量 Inductance ( $\mu$ H)	测试频率 Test Fre. (MHz)	自谐振频率 SRF (MHz)Min	直流电阻 DCR ( $\Omega$ )Max	额定电流 Ir (mA)Max
CMP160808VE47NM	0.047	1	260	0.12	150
CMP160808VE56NM	0.056		260	0.12	150
CMP160808VE68NM	0.068		250	0.12	150
CMP160808VE82NM	0.082		245	0.12	150
CMP160808VER10M	0.10		240	0.15	150
CMP160808VER12M	0.12		205	0.20	150
CMP160808VER15M	0.15		180	0.20	150
CMP160808VER18M	0.18		165	0.20	150
CMP160808VER22M	0.22		150	0.25	150
CMP160808VER27M	0.27		136	0.30	100
CMP160808VER33M	0.33		125	0.30	100
CMP160808VER39M	0.39		110	0.35	100
CMP160808VER47M	0.47		105	0.45	100
CMP160808VER56M	0.56		95	0.45	100
CMP160808VER68M	0.68		90	0.55	100
CMP160808VER82M	0.82		85	0.60	100
CMP160808UE1R0M	1.0		75	0.30	150
CMP160808UE1R2M	1.2		65	0.30	150
CMP160808UE1R5M	1.5		60	0.35	120
CMP160808UE1R8M	1.8		55	0.40	120
CMP160808UE2R2M	2.2		50	0.50	120
CMP160808UE2R7M	2.7		45	0.60	100
CMP160808UE3R3M	3.3		40	0.65	100
CMP160808UE3R9M	3.9		35	0.70	80
CMP160808XE4R7M	4.7		33	0.75	80
CMP160808JE5R6M	5.6		22	0.90	60
CMP160808JE6R8M	6.8		20	0.90	60
CMP160808JE8R2M	8.2		18	1.05	60
CMP160808JE100M	10		17	1.15	60
CMP160808JE120M	12		15	1.25	60

2012 TYPE

型号 Part No.	电感量 Inductance ( $\mu$ H)	测试频率 Test Fre. (MHz)	自谐振频率 SRF (MHz)Min	直流电阻 DCR ( $\Omega$ )Max	额定电流 Ir (mA)Max
CMP201209VE47NM	0.047	1	320	0.15	350
CMP201209VE56NM	0.056		320	0.15	350
CMP201209VE68NM	0.068		280	0.20	350
CMP201209VE82NM	0.082		280	0.20	350
CMP201209VER10M	0.10		235	0.20	350
CMP201209VER12M	0.12		220	0.20	350
CMP201209VER15M	0.15		200	0.20	350
CMP201209VER18M	0.18		185	0.25	300
CMP201209VER22M	0.22		170	0.25	300
CMP201209VER27M	0.27		150	0.25	300
CMP201209VER33M	0.33		145	0.25	300
CMP201209VER39M	0.39		135	0.30	250
CMP201209VER47M	0.47		125	0.30	250
CMP201209VER56M	0.56		115	0.36	200
CMP201209VER68M	0.68		105	0.36	200
CMP201209VER82M	0.82		100	0.36	200
CMP201209UE1R0M	1.0		75	0.26	220
CMP201209UE1R2M	1.2		65	0.26	220
CMP201209UE1R5M	1.5		60	0.30	180
CMP201209UE1R8M	1.8		55	0.30	180
CMP201209UE2R2M	2.2		50	0.36	150
CMP201209UE2R7M	2.7		45	0.36	150
CMP201209UE3R3M	3.3		41	0.40	120
CMP201209UE3R9M	3.9		38	0.40	120
CMP201209UE4R7M	4.7		35	0.40	120
CMP201209XE5R6M	5.6		32	0.60	100
CMP201209XE6R8M	6.8		29	0.60	100
CMP201209XE8R2M	8.2		26	0.65	100
CMP201209XE100M	10		24	0.65	100
CMP201209XE120M	12		22	0.65	100
CMP201209JE150M	15		19	0.75	50
CMP201209JE180M	18		18	0.75	50
CMP201209JE220M	22	16	0.75	50	

## 大電流型鐵氧體片式電感 FERRITE CHIP INDUCTORS

### 3216 TYPE

型号 Part No.	电感量 Inductance ( $\mu$ H)	测试频率 Test Fre. (MHz)	自谐振频率 SRF (MHz)Min	直流电阻 DCR ( $\Omega$ )Max	额定电流 Ir (mA)Max
CMP321609VE47NM	0.047	1	320	0.15	450
CMP321609VE56NM	0.056		320	0.15	450
CMP321609VE68NM	0.068		280	0.20	450
CMP321609VE82NM	0.082		280	0.20	450
CMP321609VER10M	0.10		235	0.20	350
CMP321609VER12M	0.12		220	0.20	350
CMP321609VER15M	0.15		200	0.20	350
CMP321609VER18M	0.18		185	0.20	350
CMP321609VER22M	0.22		170	0.20	350
CMP321609VER27M	0.27		150	0.20	350
CMP321609VER33M	0.33		145	0.20	350
CMP321609VER39M	0.39		135	0.30	220
CMP321609VER47M	0.47		125	0.30	220
CMP321609VER56M	0.56		115	0.30	220
CMP321609VER68M	0.68		105	0.30	220
CMP321609VER82M	0.82		100	0.30	220
CMP321609UE1R0M	1.0		75	0.20	250
CMP321609UE1R2M	1.2		65	0.20	250
CMP321609UE1R5M	1.5		60	0.25	250
CMP321609UE1R8M	1.8		55	0.25	250
CMP321609UE2R2M	2.2		50	0.30	200
CMP321609UE2R7M	2.7		45	0.30	200
CMP321609UE3R3M	3.3		41	0.30	200
CMP321609UE3R9M	3.9		38	0.35	150
CMP321609UE4R7M	4.7		35	0.35	150
CMP321609UE5R6M	5.6		32	0.50	100
CMP321609XE6R8M	6.8		29	0.50	100
CMP321609XE8R2M	8.2		26	0.50	100
CMP321609XE100M	10		24	0.50	100
CMP321609XE120M	12		22	0.60	50
CMP321609JE150M	15		19	0.80	50
CMP321609JE180M	18		18	0.80	50
CMP321609JE220M	22	16	1.00	50	