

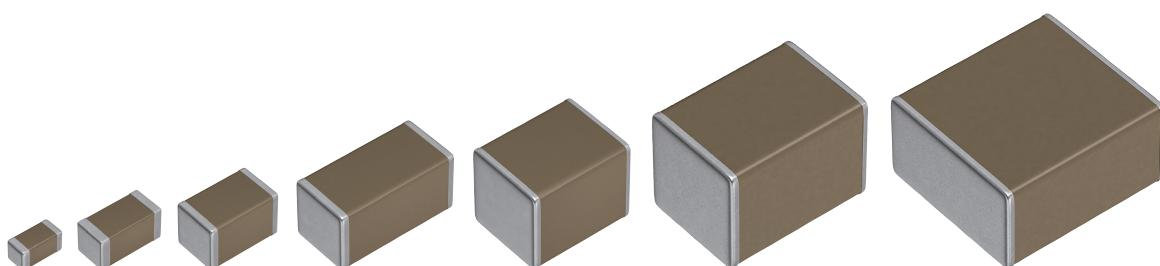
积层贴片陶瓷片式电容器

一般等级, 中耐压 (100 to 630V)

C系列

C1005	[0402 inch]
C1608	[0603 inch]
C2012	[0805 inch]
C3216	[1206 inch]
C3225	[1210 inch]
C4532	[1812 inch]
C5750	[2220 inch]

* 表示尺寸代码。JIS[EIA]



使用注意事项

在使用本产品前，请务必随附采购规格书。

安全注意事项

使用本产品时，请注意安全事项。

注意

1. 本产品目录中记载的产品是指在通用标准用途意义上使用于一般电子设备（AV设备，通信设备，家电产品，娱乐设备，计算机设备，个人设备，办公设备，计测设备，工业机器人），并且该一般电子设备要在通常的操作和使用方法下使用。
对于需要高度安全性和可靠性的，或者设备的故障，误动作，运转不良可能会给人的生命，身体及财产等造成损害，以及有可能产生莫大社会影响的以下用途（以下称‘特定用途’）中的适用性，性能发挥，品质，本公司不予保证。
客户预定在本产品目录的范围，条件之外，或者在特定用途中使用，请事先咨询本公司相关部门。本公司会配合客户需求，一起协商不同于本产品目录中所记载的使用用途。

- | | |
|----------------------------|--------------------|
| (1) 航空，航天设备 | (7) 交通工具控制设备 |
| (2) 运输设备（汽车，电车，船舶等） | (8) 公共性的高度信息处理设备 |
| (3) 医疗设备（除《药事法》分类中的Ⅰ、Ⅱ级以外） | (9) 军用设备 |
| (4) 发电控制设备 | (10) 电热用品，燃烧设备 |
| (5) 核动力相关设备 | (11) 防灾防盗设备 |
| (6) 海底设备 | (12) 各种安全装置 |
| | (13) 其他被认定为特定用途的用途 |

此外，在对使用本产品的设备进行设计时，请根据该设备的使用用途及状态确保保护电路及装置，并设置备份电路。

2. 本产品目录中记载的产品因改良及其他原因可能在不经预告的情况下进行变更或停止供应。
3. 关于本产品目录中记载的产品，本公司备有记载了各产品的规格及安全注意事项的“交货规格书”。在选用产品时，建议签定交货规格书。
4. 在出口本产品目录中记载的产品时，有时会被归为“外汇及外贸管理法”中规定的管制货物等。在这种情况下，需要有依据该法规定的出口许可。
5. 关于本产品目录的内容，未经本公司许可不得擅自转载或复制。
6. 因使用本产品目录中记载的产品而发生涉及本公司或第三者的知识产权及其他权利的问题时，本公司对此将不承担责任。并且，本公司不对该等权利的実施权办理许可。
7. 本产品目录适用于从本公司或本公司的正规代理商购买的产品。从其他第三者购买的产品不在适用范围之内。

注意： 伴随网站的更新，由于系统限制的原因以及统一产品目录型号的需要，从2013年1月开始，TDK将在产品目录中使用新型号。
新目录型号将在以后所有根据产品目录订货时使用，但不适用于OEM订购。
目录型号的最后5位数与产品标签上的交货型号（内部控制编号）不同，请注意。
详细信息请联系当地TDK销售代表。

（例）

产品目录发行日期	目录型号	交货型号（交货标签上的标识）
2012年12月以前	C1608C0G1E103J(080AA)	C1608C0G1E103JT000N
2013年1月及以后	C1608C0G1E103J080AA	C1608C0G1E103JT000N

C系列

中耐压 (100 to 630V)



Type: C1005 [0402 inch]、C1608 [0603 inch]、C2012 [0805 inch]、
C3216 [1206 inch]、C3225 [1210 inch]、C4532 [1812 inch]、
C5750 [2220 inch]

系列概要

一般等级中耐压C系列，是支持额定电压为100~630V的高压电路的产品。最大电容值为22μF。

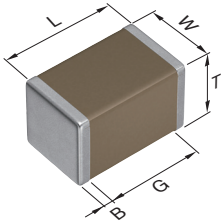
特点

- 5种额定电压：100V、250V、350V、450V、630V
- 拥有温度特性和DC偏压特性稳定的C0G品

用途

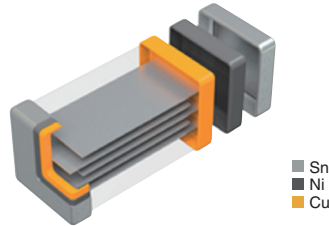
- 高电压电路中的去耦、平滑、缓冲、谐振回路等
- 无线充电单元、DC-DC转换器、逆变器等

形状与尺寸



L	主体长度
W	主体宽度
T	主体高度
B	端子宽度
G	端子间距

产品构造图



诱电体和内部电极交互叠层构造。利用单片回路的简单设计，拥有更优越的机械强度和更好的频率特性。

Dimensions in mm

Type	L	W	T	B	G
C1005	1.00±0.05	0.50±0.05	0.50±0.05	0.10 min.	0.30 min.
C1608	1.60±0.10	0.80±0.10	0.80±0.10	0.20 min.	0.30 min.
C2012	2.00±0.20	1.25±0.20	1.25±0.20	0.20 min.	0.50 min.
C3216	3.20±0.20	1.60±0.20	1.60±0.20	0.20 min.	1.00 min.
C3225	3.20±0.40	2.50±0.30	2.50±0.30	0.20 min.	—
C4532	4.50±0.40	3.20±0.40	3.20±0.30	0.20 min.	—
C5750	5.70±0.40	5.00±0.40	2.80±0.30	0.20 min.	—

* 尺寸公差是代表价值。

MULTILAYER CERAMIC CHIP CAPACITORS



■ 目录型号的识别法

C	2012	X7R	2A	225	K	125	A	C
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

(1) 系列名称

(2) 尺寸 L x W (mm)

代码	EIA	长度	宽度	端子宽度
1005	CC0402	1.00	0.50	0.10
1608	CC0603	1.60	0.80	0.20
2012	CC0805	2.00	1.25	0.20
3216	CC1206	3.20	1.60	0.20
3225	CC1210	3.20	2.50	0.20
4532	CC1812	4.50	3.20	0.20
5750	CC2220	5.70	5.00	0.20

(3) 温度特性

温度特性	温度系数或电容变化率	温度范围
C0G	0±30 ppm/ °C	-55 to +125 °C
X5R	±15%	-55 to +85 °C
X6S	±22%	-55 to +105 °C
X7R	±15%	-55 to +125 °C
X7S	±22%	-55 to +125 °C
X7T	+22,-33%	-55 to +125 °C

(4) 额定电压(DC)

代码	电压 (DC)
2A	100V
2E	250V
2V	350V
2W	450V
2J	630V

(5) 标称电容(pF)

电容量以pF(微微法拉)为单位，并用三个文字表示。最初两个文字表示电容的第一位和第二位有效数字。第三个文字表示接在有效数字后的零的个数。含有小数点时用R表示。

(例) 0R5 = 0.5pF
101 = 100pF
225 = 2,200,000pF = 2.2μF

(6) 电容容差

代码	容差
C	±0.25pF
D	±0.50pF
F	±1%
G	±2%
J	±5%
K	±10%
M	±20%

(7) 厚度

代码	产品厚度
050	0.50 mm
060	0.60 mm
080	0.80 mm
085	0.85 mm
115	1.15 mm
125	1.25 mm
130	1.30 mm
160	1.60 mm
200	2.00 mm
230	2.30 mm
250	2.50 mm
280	2.80 mm
320	3.20 mm

(8) 包装形式

代码	形式
A	178mm 卷筒, 4mm 间距
B	178mm 卷筒, 2mm 间距
K	178mm 卷筒, 8mm 间距

(9) 特殊指定代码

代码	内容
A,B,C,N	本公司内部管理符号

电容范围图

C1005 [0402 inch]

电容		COG	X7S
(pF)	代码	2A (100V)	2A (100V)
100	101		
150	151		
220	221		
330	331		
470	471		
680	681		
1,000	102		
1,500	152		
2,200	222		
3,300	332		
4,700	472		
6,800	682		
10,000	103		

标准厚度 0.50 mm

灰色涂层的品名为不推荐用于新设计中的产品。

单击图表, 可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

电容范围图

C1608 [0603 inch]

电容		COG		X5R	X7R	X7S
(pF)	代码	2E (250V)	2A (100V)	2A (100V)	2A (100V)	2A (100V)
1	010					
2	020					
3	030					
4	040					
5	050					
6	060					
7	070					
8	080					
9	090					
10	100					
15	150					
22	220					
33	330					
47	470					
68	680					
100	101					
150	151					
220	221					
330	331					
470	471					
680	681					
1,000	102					
1,200	122					
1,500	152					
1,800	182					
2,200	222					
2,700	272					
3,300	332					
3,900	392					
4,700	472					
5,600	562					
6,800	682					
8,200	822					
10,000	103					
15,000	153					
22,000	223					
33,000	333					
47,000	473					
68,000	683					
100,000	104					
1,000,000	105					

标准厚度 0.80 mm

灰色涂层的品名为不推荐用于新设计中的产品。

单击图表, 可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

电容范围图

C2012 [0805 inch]

电容		COG			X5R		X7R	
(pF)	代码	2W (450V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)
100	101							
150	151							
220	221							
330	331							
470	471							
680	681							
1,000	102							
1,200	122							
1,500	152							
1,800	182							
2,200	222							
2,700	272							
3,300	332							
3,900	392							
4,700	472							
5,600	562							
6,800	682							
8,200	822							
10,000	103							
15,000	153							
22,000	223							
33,000	333							
47,000	473							
68,000	683							
100,000	104							
2,200,000	225							
4,700,000	475							

电容		X7S	X7T		
(pF)	代码	2A (100V)	2W (450V)	2V (350V)	2E (250V)
10,000	103				
15,000	153				
22,000	223				
33,000	333				
47,000	473				
68,000	683				
100,000	104				
150,000	154				
220,000	224				
330,000	334				
470,000	474				
680,000	684				
1,000,000	105				

标准厚度 0.60 mm 0.85 mm 1.25 mm

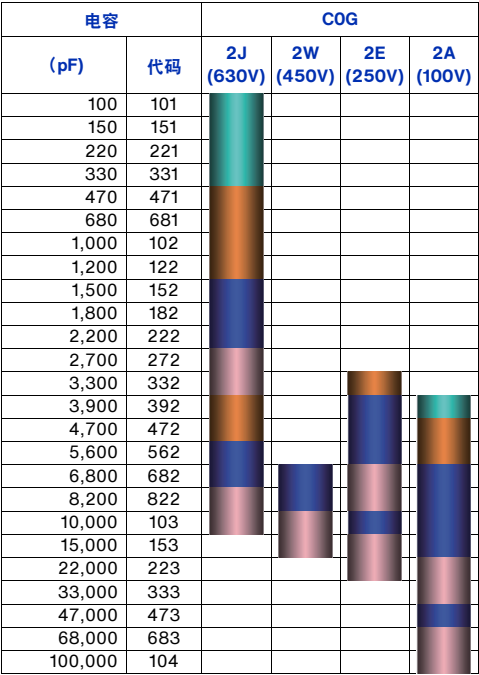
灰色涂层的品名为不推荐用于新设计中的产品。

单击图表,可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

电容范围图

C3216 [1206 inch]



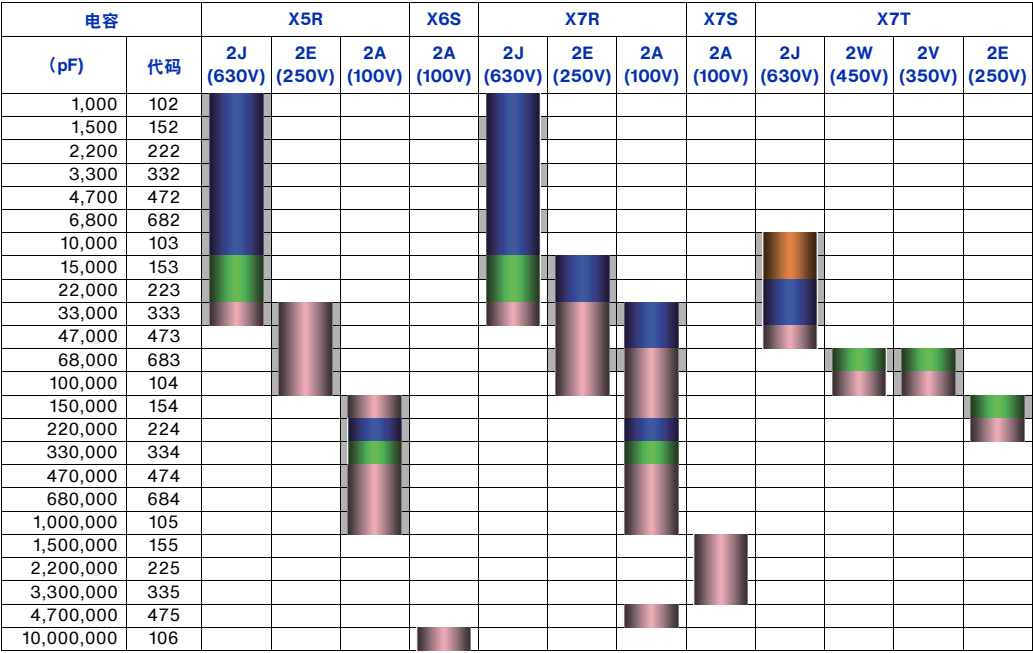
标准厚度 0.60 mm 0.85 mm 1.15 mm 1.60 mm

单击图表, 可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

电容范围图

C3216 [1206 inch]



标准厚度 0.85 mm 1.15 mm 1.30 mm 1.60 mm

- 灰色涂层的品名为不推荐用于新设计中的产品。
- 单击图表, 可查看产品详细信息。
- 关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

电容范围图

C3225 [1210 inch]

电容		COG			
(pF)	代码	2J (630V)	2W (450V)	2E (250V)	2A (100V)
3,900	392				
4,700	472				
5,600	562				
6,800	682				
8,200	822				
10,000	103				
15,000	153				
22,000	223				
33,000	333				
47,000	473				
68,000	683				

电容		X5R			X7R			X7S	X7T		
(pF)	代码	2J (630V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
47,000	473										
68,000	683										
100,000	104										
150,000	154										
220,000	224										
330,000	334										
470,000	474										
680,000	684										
1,000,000	105										
1,500,000	155										
2,200,000	225										
3,300,000	335										
4,700,000	475										
10,000,000	106										

标准厚度 1.25 mm 1.60 mm 2.00 mm 2.30 mm 2.50 mm

灰色涂层的品名为不推荐用于新设计中的产品。

单击图表, 可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

电容范围图

C4532 [1812 inch]

电容		COG			
(pF)	代码	2J (630V)	2W (450V)	2E (250V)	2A (100V)
8,200	822				
10,000	103				
15,000	153				
22,000	223				
33,000	333				
47,000	473				
68,000	683				
100,000	104				

电容		X5R		X7R			X7S	X7T		
(pF)	代码	2J (630V)	2E (250V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
68,000	683									
100,000	104									
150,000	154									
220,000	224									
300,000	304									
330,000	334									
470,000	474									
680,000	684									
1,000,000	105									
1,500,000	155									
2,200,000	225									
3,300,000	335									
4,700,000	475									

标准厚度 1.60 mm 2.00 mm 2.30 mm 2.50 mm 3.20 mm

灰色涂层的品名为不推荐用于新设计中的产品。

单击图表, 可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

为了能够更加正确, 安全地使用产品, 请务必索取能进一步确认详细特性, 规格的采购规格书。
记载内容可能因为产品改良等原因不经预告而更改, 恕不另行通知。

电容范围图

C5750 [2220 inch]

电容		COG			
(pF)	代码	2J (630V)	2W (450V)	2E (250V)	2A (100V)
68,000	683				
100,000	104				
150,000	154				

电容		X5R			X6S	X7R			X7S	X7T		
(pF)	代码	2J (630V)	2E (250V)	2A (100V)	2W (450V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
150,000	154											
220,000	224											
330,000	334											
470,000	474											
680,000	684											
1,000,000	105											
1,500,000	155											
2,200,000	225											
3,300,000	335											
4,700,000	475											
6,800,000	685											
10,000,000	106											
15,000,000	156											
22,000,000	226											

标准厚度 1.60 mm 2.00 mm 2.30 mm 2.50 mm 2.80 mm

灰色涂层的品名为不推荐用于新设计中的产品。

单击图表, 可查看产品详细信息。

关于产品厚度, 静电容量公差等详细信息, 请参照P-13以后的静电容量范围表。

MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: COG (-55 to +125°C, 0±30ppm/°C)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 250V	额定电压 Edc: 100V
1pF	1608	0.80±0.10	±0.25pF				C1608C0G2A010C080AA
2pF	1608	0.80±0.10	±0.25pF				C1608C0G2A020C080AA
3pF	1608	0.80±0.10	±0.25pF				C1608C0G2A030C080AA
4pF	1608	0.80±0.10	±0.25pF				C1608C0G2A040C080AA
5pF	1608	0.80±0.10	±0.25pF				C1608C0G2A050C080AA
6pF	1608	0.80±0.10	±0.50pF				C1608C0G2A060D080AA
7pF	1608	0.80±0.10	±0.50pF				C1608C0G2A070D080AA
8pF	1608	0.80±0.10	±0.50pF				C1608C0G2A080D080AA
9pF	1608	0.80±0.10	±0.50pF				C1608C0G2A090D080AA
10pF	1608	0.80±0.10	±0.50pF				C1608C0G2A100D080AA
15pF	1608	0.80±0.10	±5%				C1608C0G2A150J080AA
22pF	1608	0.80±0.10	±5%				C1608C0G2A220J080AA
33pF	1608	0.80±0.10	±5%				C1608C0G2A330J080AA
47pF	1608	0.80±0.10	±5%				C1608C0G2A47J080AA
68pF	1608	0.80±0.10	±5%				C1608C0G2A68J080AA
100pF	1005	0.50±0.05	±10%				C1005C0G2A101K050BA
			±5%				C1005C0G2A101J050BA
			±10%		C1608C0G2E101K080AA		C1608C0G2A101K080AA
			±5%		C1608C0G2E101J080AA		C1608C0G2A101J080AA
	1608	0.80±0.10	±2%				C1608C0G2A101G080AA
			±1%				C1608C0G2A101F080AA
			±10%		C2012C0G2W101K060AA		
			±5%		C2012C0G2W101J060AA		
	2012	0.60±0.15	±10%	C3216C0G2J101K060AA			
			±5%	C3216C0G2J101J060AA			
150pF	1005	0.50±0.05	±10%				C1005C0G2A151K050BA
			±5%				C1005C0G2A151J050BA
			±10%		C1608C0G2E151K080AA		C1608C0G2A151K080AA
			±5%		C1608C0G2E151J080AA		C1608C0G2A151J080AA
	1608	0.80±0.10	±10%		C2012C0G2W151K060AA		
			±5%		C2012C0G2W151J060AA		
			±10%	C3216C0G2J151K060AA			
			±5%	C3216C0G2J151J060AA			
	2012	0.60±0.15	±10%		C2012C0G2W221K060AA		
			±5%		C2012C0G2W221J060AA		
220pF	1005	0.50±0.05	±10%				C1005C0G2A221K050BA
			±5%				C1005C0G2A221J050BA
			±10%		C1608C0G2E221K080AA		C1608C0G2A221K080AA
			±5%		C1608C0G2E221J080AA		C1608C0G2A221J080AA
	1608	0.80±0.10	±10%		C2012C0G2W221K060AA		
			±5%		C2012C0G2W221J060AA		
			±10%	C3216C0G2J221K060AA			
			±5%	C3216C0G2J221J060AA			
	2012	0.60±0.15	±10%		C2012C0G2W221K060AA		
			±5%		C2012C0G2W221J060AA		

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: C0G (-55 to +125°C, 0±30ppm/°C)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 250V	额定电压 Edc: 100V
330pF	1005	0.50±0.05	±10%				C1005C0G2A331K050BA
			±5%				C1005C0G2A331J050BA
	1608	0.80±0.10	±10%			C1608C0G2E331K080AA	C1608C0G2A331K080AA
			±5%			C1608C0G2E331J080AA	C1608C0G2A331J080AA
	2012	0.60±0.15	±10%		C2012C0G2W331K060AA		
			±5%		C2012C0G2W331J060AA		
470pF	3216	0.60±0.15	±10%	C3216C0G2J331K060AA			
			±5%	C3216C0G2J331J060AA			
	1005	0.50±0.05	±10%				C1005C0G2A471K050BA
			±5%				C1005C0G2A471J050BA
	1608	0.80±0.10	±10%			C1608C0G2E471K080AA	C1608C0G2A471K080AA
			±5%			C1608C0G2E471J080AA	C1608C0G2A471J080AA
680pF	2012	0.60±0.15	±10%		C2012C0G2W471K060AA		
			±5%		C2012C0G2W471J060AA		
	3216	0.85±0.15	±10%	C3216C0G2J471K085AA			
			±5%	C3216C0G2J471J085AA			
	1005	0.50±0.05	±10%				C1005C0G2A681K050BC
			±5%				C1005C0G2A681J050BC
1nF	1608	0.80±0.10	±10%			C1608C0G2E681K080AA	C1608C0G2A681K080AA
			±5%			C1608C0G2E681J080AA	C1608C0G2A681J080AA
	2012	0.60±0.15	±10%		C2012C0G2W681K060AA		
			±5%		C2012C0G2W681J060AA		
	3216	0.85±0.15	±10%	C3216C0G2J681K085AA			
			±5%	C3216C0G2J681J085AA			
1nF	1005	0.50±0.05	±10%				C1005C0G2A102K050BC
			±5%				C1005C0G2A102J050BC
	1608	0.80±0.10	±10%			C1608C0G2E102K080AA	C1608C0G2A102K080AA
			±5%			C1608C0G2E102J080AA	C1608C0G2A102J080AA
			±2%				C1608C0G2A102G080AA
			±1%				C1608C0G2A102F080AA
	2012	0.60±0.15	±10%		C2012C0G2W102K060AA		
			±5%		C2012C0G2W102J060AA		C2012C0G2A102J060AA
	3216	0.85±0.15	±10%			C2012C0G2E102K085AA	
			±5%			C2012C0G2E102J085AA	
	3216	0.85±0.15	±10%	C3216C0G2J102K085AA			
			±5%	C3216C0G2J102J085AA			

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: C0G (-55 to +125°C, 0±30ppm/°C)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 250V	额定电压 Edc: 100V
1.2nF	1608	0.80±0.10	±10%			C1608C0G2E122K080AA	C1608C0G2A122K080AA
			±5%			C1608C0G2E122J080AA	C1608C0G2A122J080AA
	2012	0.60±0.15	±10%		C2012C0G2W122K060AA		
			±5%		C2012C0G2W122J060AA		C2012C0G2A122J060AA
		0.85±0.15	±10%			C2012C0G2E122K085AA	
			±5%			C2012C0G2E122J085AA	
1.5nF	3216	0.85±0.15	±10%	C3216C0G2J122K085AA			
			±5%	C3216C0G2J122J085AA			
	1608	0.80±0.10	±10%			C1608C0G2E152K080AA	C1608C0G2A152K080AA
			±5%			C1608C0G2E152J080AA	C1608C0G2A152J080AA
		0.60±0.15	±10%				C2012C0G2A152K060AA
			±5%				C2012C0G2A152J060AA
1.8nF	2012	0.85±0.15	±10%		C2012C0G2W152K085AA	C2012C0G2E152K085AA	
			±5%		C2012C0G2W152J085AA	C2012C0G2E152J085AA	
		1.15±0.15	±10%	C3216C0G2J152K115AA			
			±5%	C3216C0G2J152J115AA			
	3216	1.15±0.15	±10%				
			±5%				
2.2nF	1608	0.80±0.10	±10%			C1608C0G2E182K080AA	C1608C0G2A182K080AA
			±5%			C1608C0G2E182J080AA	C1608C0G2A182J080AA
		0.85±0.15	±10%		C2012C0G2W182K085AA		C2012C0G2A182K085AA
			±5%		C2012C0G2W182J085AA		C2012C0G2A182J085AA
	2012	1.25±0.20	±10%			C2012C0G2E182K125AA	
			±5%			C2012C0G2E182J125AA	
2.7nF	3216	1.15±0.15	±10%	C3216C0G2J182K115AA			
			±5%	C3216C0G2J182J115AA			
	1608	0.80±0.10	±10%				C1608C0G2A222K080AA
			±5%				C1608C0G2A222J080AA
		0.80±0.15, -0.10	±10%			C1608C0G2E222K080AA	
			±5%			C1608C0G2E222J080AA	
3.3nF	2012	0.85±0.15	±10%		C2012C0G2W222K085AA		C2012C0G2A222K085AA
			±5%		C2012C0G2W222J085AA		C2012C0G2A222J085AA
		1.25±0.20	±10%			C2012C0G2E222K125AA	
			±5%			C2012C0G2E222J125AA	
	3216	1.15±0.15	±10%	C3216C0G2J222K115AA			
			±5%	C3216C0G2J222J115AA			
3.9nF	1608	0.80±0.15, -0.10	±10%				C1608C0G2A272K080AA
			±5%				C1608C0G2A272J080AA
		1.25±0.20	±10%		C2012C0G2W272K125AA	C2012C0G2E272K125AA	C2012C0G2A272K125AA
			±5%		C2012C0G2W272J125AA	C2012C0G2E272J125AA	C2012C0G2A272J125AA
	3216	1.60±0.20	±10%	C3216C0G2J272K160AA			
			±5%	C3216C0G2J272J160AA			
3.9nF	1608	0.80±0.15, -0.10	±10%				C1608C0G2A332K080AA
			±5%				C1608C0G2A332J080AA
		0.85±0.15	±10%			C2012C0G2E332K085AA	
			±5%			C2012C0G2E332J085AA	
	2012	1.25±0.20	±10%		C2012C0G2W332K125AA		C2012C0G2A332K125AA
			±5%		C2012C0G2W332J125AA		C2012C0G2A332J125AA
3.9nF	3216	0.85±0.15	±10%			C3216C0G2E332K085AA	
			±5%			C3216C0G2E332J085AA	
		1.60±0.20	±10%	C3216C0G2J332K160AA			
			±5%	C3216C0G2J332J160AA			
	1608	0.80±0.10	±10%				C1608C0G2A392K080AC
			±5%				C1608C0G2A392J080AC
3.9nF	2012	1.25±0.20	±10%		C2012C0G2W392K125AA	C2012C0G2E392K125AA	C2012C0G2A392K125AA
			±5%		C2012C0G2W392J125AA	C2012C0G2E392J125AA	C2012C0G2A392J125AA
		0.60±0.15	±10%				C3216C0G2A392K060AA
			±5%				C3216C0G2A392J060AA
	3216	0.85±0.15	±10%	C3216C0G2J392K085AA			
			±5%	C3216C0G2J392J085AA			
3.9nF	3225	1.25±0.20	±10%	C3225C0G2J392K125AA		C3216C0G2E392K115AA	
			±5%	C3225C0G2J392J125AA		C3216C0G2E392J115AA	

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: C0G (-55 to +125°C, 0±30ppm/°C)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 250V	额定电压 Edc: 100V
4.7nF	1608	0.80±0.10	±10% ±5%				C1608C0G2A472K080AC C1608C0G2A472J080AC
	2012	1.25±0.20	±10% ±5%		C2012C0G2W472K125AA C2012C0G2W472J125AA	C2012C0G2E472K125AA C2012C0G2E472J125AA	C2012C0G2A472K125AA C2012C0G2A472J125AA
	3216	0.85±0.15	±10% ±5%	C3216C0G2J472K085AA C3216C0G2J472J085AA			C3216C0G2A472K085AA C3216C0G2A472J085AA
		1.15±0.15	±10% ±5%			C3216C0G2E472K115AA C3216C0G2E472J115AA	
	3225	1.60±0.20	±10% ±5%	C3225C0G2J472K160AA C3225C0G2J472J160AA			
	1608	0.80±0.10	±10% ±5%				C1608C0G2A562K080AC C1608C0G2A562J080AC
	2012	1.25±0.20	±10% ±5%		C2012C0G2W562K125AA C2012C0G2W562J125AA	C2012C0G2E562K125AA C2012C0G2E562J125AA	C2012C0G2A562K125AA C2012C0G2A562J125AA
	3216	0.85±0.15	±10% ±5%				C3216C0G2A562K085AA C3216C0G2A562J085AA
		1.15±0.15	±10% ±5%	C3216C0G2J562K115AA C3216C0G2J562J115AA		C3216C0G2E562K115AA C3216C0G2E562J115AA	
	3225	1.60±0.20	±10% ±5%	C3225C0G2J562K160AA C3225C0G2J562J160AA			
6.8nF	1608	0.80±0.10	±10% ±5%				C1608C0G2A682K080AC C1608C0G2A682J080AC
	2012	1.25±0.20	±10% ±5%			C2012C0G2E682K125AA C2012C0G2E682J125AA	C2012C0G2A682K125AA C2012C0G2A682J125AA
	3216	1.15±0.15	±10% ±5%	C3216C0G2J682K115AA C3216C0G2J682J115AA	C3216C0G2W682K115AA C3216C0G2W682J115AA		C3216C0G2A682K115AA C3216C0G2A682J115AA
		1.60±0.20	±10% ±5%			C3216C0G2E682K160AA C3216C0G2E682J160AA	
	3225	2.00±0.20	±10% ±5%	C3225C0G2J682K200AA C3225C0G2J682J200AA			
	1608	0.80±0.10	±10% ±5%				C1608C0G2A822K080AC C1608C0G2A822J080AC
	2012	1.25±0.20	±10% ±5%			C2012C0G2E822K125AA C2012C0G2E822J125AA	C2012C0G2A822K125AA C2012C0G2A822J125AA
	3216	1.15±0.15	±10% ±5%		C3216C0G2W822K115AA C3216C0G2W822J115AA		C3216C0G2A822K115AA C3216C0G2A822J115AA
		1.60±0.20	±10% ±5%	C3216C0G2J822K160AA C3216C0G2J822J160AA		C3216C0G2E822K160AA C3216C0G2E822J160AA	
	3225	1.25±0.20	±10% ±5%	C3225C0G2J822K125AA C3225C0G2J822J125AA			
8.2nF	4532	1.60±0.20	±10% ±5%	C4532C0G2J822K160KA C4532C0G2J822J160KA			
	1608	0.80±0.10	±10% ±5%				C1608C0G2A103K080AC C1608C0G2A103J080AC
	2012	1.25±0.20	±10% ±5%			C2012C0G2E103K125AA C2012C0G2E103J125AA	C2012C0G2A103K125AA C2012C0G2A103J125AA
	3216	1.15±0.15	±10% ±5%		C3216C0G2W103K115AA C3216C0G2W103J115AA		C3216C0G2A103K115AA C3216C0G2A103J115AA
		1.60±0.20	±10% ±5%	C3216C0G2J103K160AA C3216C0G2J103J160AA	C3216C0G2W103K160AA C3216C0G2W103J160AA		
	3225	1.25±0.20	±10% ±5%	C3225C0G2J103K125AA C3225C0G2J103J125AA			
	3216	1.15±0.15	±10% ±5%				
		1.60±0.20	±10% ±5%				
	3225	1.25±0.20	±10% ±5%				
	4532	1.60±0.20	±10% ±5%				
10nF	1608	0.80±0.10	±10% ±5%				C1608C0G2A103K080AC C1608C0G2A103J080AC
	2012	1.25±0.20	±10% ±5%			C2012C0G2E103K125AA C2012C0G2E103J125AA	C2012C0G2A103K125AA C2012C0G2A103J125AA
	3216	1.15±0.15	±10% ±5%				
		1.60±0.20	±10% ±5%	C3216C0G2J103K160AA C3216C0G2J103J160AA	C3216C0G2W103K160AA C3216C0G2W103J160AA		
	3225	1.25±0.20	±10% ±5%	C3225C0G2J103K125AA C3225C0G2J103J125AA			
	3216	1.15±0.15	±10% ±5%				
		1.60±0.20	±10% ±5%				
	3225	1.25±0.20	±10% ±5%				
	4532	1.60±0.20	±10% ±5%				
	4532	1.60±0.20	±10% ±5%	C4532C0G2J103K160KA C4532C0G2J103J160KA			

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⚠ 为了能够更加正确, 安全地使用产品, 请务必索取能进一步确认详细特性, 规格的采购规格书。
记载内容可能因为产品改良等原因不经预告而更改, 恕不另行通知。

MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: C0G (-55 to +125°C, 0±30ppm/°C)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 250V	额定电压 Edc: 100V
15nF	2012	0.85±0.15	±10%				C2012C0G2A153K085AC
			±5%				C2012C0G2A153J085AC
	3216	1.15±0.15	±10%				C3216C0G2A153K115AA
			±5%				C3216C0G2A153J115AA
	3216	1.60±0.20	±10%			C3216C0G2E153K160AA	
			±5%			C3216C0G2E153J160AA	
		1.60+0.30,-0.10	±10%		C3216C0G2W153K160AA		
			±5%		C3216C0G2W153J160AA		
	3225	1.25±0.20	±10%				C3225C0G2A153K125AA
			±5%				C3225C0G2A153J125AA
		1.60±0.20	±10%	C3225C0G2J153K160AA			
			±5%	C3225C0G2J153J160AA			
	4532	2.50±0.30	±10%	C4532C0G2J153K250KA			
			±5%	C4532C0G2J153J250KA			
22nF	2012	1.25±0.20	±10%				C2012C0G2A223K125AC
			±5%				C2012C0G2A223J125AC
	3216	1.60±0.20	±10%				C3216C0G2A223K160AA
			±5%				C3216C0G2A223J160AA
	3216	1.60+0.30,-0.10	±10%			C3216C0G2E223K160AA	
			±5%			C3216C0G2E223J160AA	
		1.60±0.20	±10%			C3225C0G2A223K160AA	C3225C0G2A223K160AA
			±5%			C3225C0G2E223J160AA	C3225C0G2A223J160AA
	3225	2.30±0.20	±10%	C3225C0G2J223K230AA	C3225C0G2W223K230AA		
			±5%	C3225C0G2J223J230AA	C3225C0G2W223J230AA		
33nF	4532	1.60±0.20	±10%			C4532C0G2E223K160KA	
			±5%			C4532C0G2E223J160KA	
	4532	3.20±0.30	±10%	C4532C0G2J223K320KA			
			±5%	C4532C0G2J223J320KA			
	2012	1.25±0.20	±10%				C2012C0G2A333K125AC
			±5%				C2012C0G2A333J125AC
	3216	1.60+0.30,-0.10	±10%				C3216C0G2A333K160AA
			±5%				C3216C0G2A333J160AA
	3225	2.00±0.20	±10%				C3225C0G2A333K200AA
			±5%				C3225C0G2A333J200AA
47nF	3216	1.15±0.15	±10%				C3216C0G2A473K115AC
			±5%				C3216C0G2A473J115AC
	3225	2.30±0.20	±10%				C3225C0G2A473K230AA
			±5%				C3225C0G2A473J230AA
		2.50±0.30	±10%			C3225C0G2E473K250AA	
			±5%			C3225C0G2E473J250AA	
	4532	2.00±0.20	±10%				C4532C0G2A473K200KA
			±5%				C4532C0G2A473J200KA
	4532	2.30±0.20	±10%		C4532C0G2W473K230KA		
			±5%		C4532C0G2W473J230KA		
68nF	3216	1.60±0.20	±10%				C3216C0G2A683K160AC
			±5%				C3216C0G2A683J160AC
	3225	2.30±0.20	±10%				C3225C0G2A683K230AA
			±5%				C3225C0G2A683J230AA
		2.30±0.20	±10%			C4532C0G2E683K230KN	
			±5%			C4532C0G2E683J230KN	
	4532	2.50±0.30	±10%				C4532C0G2A683K250KA
			±5%				C4532C0G2A683J250KA
	5750	2.30±0.20	±10%	C5750C0G2J683K230KC			
			±5%	C5750C0G2J683J230KC			

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电容范围表

温度特性: C0G (-55 to +125°C, 0±30ppm/°C)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 250V	额定电压 Edc: 100V
100nF	3216	1.60±0.20	±10%				C3216C0G2A104K160AC
			±5%				C3216C0G2A104J160AC
	4532	3.20±0.30	±10%			C4532C0G2E104K320KN	C4532C0G2A104K320KA
			±5%			C4532C0G2E104J320KN	C4532C0G2A104J320KA
	5750	2.80±0.30	±10%	C5750C0G2J104K280KC	C5750C0G2W104K280KA		
			±5%	C5750C0G2J104J280KC	C5750C0G2W104J280KA		
150nF	5750	2.30±0.20	±10%			C5750C0G2E154K230KN	C5750C0G2A154K230KA
			±5%			C5750C0G2E154J230KN	C5750C0G2A154J230KA

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单击目录产品型号, 可查看产品详细信息。

MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X5R (-55 to +85°C, ±15%)

电容	尺寸	厚度 (mm)	电容容差	目录型号		
				额定电压 Edc: 630V	额定电压 Edc: 250V	额定电压 Edc: 100V
1nF	1608	0.80±0.10	±10%			C1608X5R2A102K080AA
			±20%			C1608X5R2A102M080AA
	2012	0.85±0.15	±10%		C2012X5R2E102K085AA	
			±20%		C2012X5R2E102M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J102K115AA		
			±20%	C3216X5R2J102M115AA		
1.5nF	1608	0.80±0.10	±10%			C1608X5R2A152K080AA
			±20%			C1608X5R2A152M080AA
	2012	0.85±0.15	±10%		C2012X5R2E152K085AA	
			±20%		C2012X5R2E152M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J152K115AA		
			±20%	C3216X5R2J152M115AA		
2.2nF	1608	0.80±0.10	±10%			C1608X5R2A222K080AA
			±20%			C1608X5R2A222M080AA
	2012	0.85±0.15	±10%		C2012X5R2E222K085AA	
			±20%		C2012X5R2E222M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J222K115AA		
			±20%	C3216X5R2J222M115AA		
3.3nF	1608	0.80±0.10	±10%			C1608X5R2A332K080AA
			±20%			C1608X5R2A332M080AA
	2012	0.85±0.15	±10%		C2012X5R2E332K085AA	
			±20%		C2012X5R2E332M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J332K115AA		
			±20%	C3216X5R2J332M115AA		
4.7nF	1608	0.80±0.10	±10%			C1608X5R2A472K080AA
			±20%			C1608X5R2A472M080AA
	2012	0.85±0.15	±10%		C2012X5R2E472K085AA	
			±20%		C2012X5R2E472M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J472K115AA		
			±20%	C3216X5R2J472M115AA		
6.8nF	1608	0.80±0.10	±10%			C1608X5R2A682K080AA
			±20%			C1608X5R2A682M080AA
	2012	1.25±0.20	±10%		C2012X5R2E682K125AA	
			±20%		C2012X5R2E682M125AA	
	3216	1.15±0.15	±10%	C3216X5R2J682K115AA		
			±20%	C3216X5R2J682M115AA		
10nF	1608	0.80±0.10	±10%			C1608X5R2A103K080AA
			±20%			C1608X5R2A103M080AA
	2012	1.25±0.20	±10%		C2012X5R2E103K125AA	
			±20%		C2012X5R2E103M125AA	
	3216	1.15±0.15	±10%	C3216X5R2J103K115AA		
			±20%	C3216X5R2J103M115AA		
15nF	1608	0.80±0.10	±10%			C1608X5R2A153K080AA
			±20%			C1608X5R2A153M080AA
	2012	1.25±0.20	±10%		C2012X5R2E153K125AA	
			±20%		C2012X5R2E153M125AA	
	3216	1.30±0.20	±10%	C3216X5R2J153K130AA		
			±20%	C3216X5R2J153M130AA		
22nF	1608	0.80±0.10	±10%			C1608X5R2A223K080AA
			±20%			C1608X5R2A223M080AA
	2012	1.25±0.20	±10%		C2012X5R2E223K125AA	
			±20%		C2012X5R2E223M125AA	
	3216	1.30±0.20	±10%	C3216X5R2J223K130AA		
			±20%	C3216X5R2J223M130AA		
33nF	2012	1.25±0.20	±10%			C2012X5R2A333K125AA
			±20%			C2012X5R2A333M125AA
	3216	1.60±0.20	±10%	C3216X5R2J333K160AA	C3216X5R2E333K160AA	
			±20%	C3216X5R2J333M160AA	C3216X5R2E333M160AA	
	2012	1.25±0.20	±10%			C2012X5R2A473K125AA
			±20%			C2012X5R2A473M125AA
47nF	3216	1.60±0.20	±10%		C3216X5R2E473K160AA	
			±20%		C3216X5R2E473M160AA	
	3225	2.00±0.20	±10%	C3225X5R2J473K200AA		
			±20%	C3225X5R2J473M200AA		
	2012	0.85±0.15	±10%			C2012X5R2A683K085AA
			±20%			C2012X5R2A683M085AA
68nF	3216	1.60±0.20	±10%		C3216X5R2E683K160AA	
			±20%		C3216X5R2E683M160AA	
	3225	2.00±0.20	±10%	C3225X5R2J683K200AA		
			±20%	C3225X5R2J683M200AA		

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⚠ 为了能够更加正确, 安全地使用产品, 请务必索取能进一步确认详细特性, 规格的采购规格书。
记载内容可能因为产品改良等原因不经预告而更改, 恕不另行通知。

MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X5R (-55 to +85°C, ±15%)

电容	尺寸	厚度 (mm)	电容容差	目录型号		
				额定电压 Edc: 630V	额定电压 Edc: 250V	额定电压 Edc: 100V
100nF	2012	1.25±0.20	±10%			C2012X5R2A104K125AA
			±20%			C2012X5R2A104M125AA
	3216	1.60±0.20	±10%		C3216X5R2E104K160AA	
			±20%		C3216X5R2E104M160AA	
	4532	2.30±0.20	±10%	C4532X5R2J104K230KA		
			±20%	C4532X5R2J104M230KA		
150nF	3216	1.60±0.20	±10%			C3216X5R2A154K160AA
			±20%			C3216X5R2A154M160AA
	3225	2.00±0.20	±10%		C3225X5R2E154K200AA	
			±20%		C3225X5R2E154M200AA	
	5750	1.60±0.20	±10%	C5750X5R2J154K160KA		
			±20%	C5750X5R2J154M160KA		
220nF	3216	1.15±0.15	±10%			C3216X5R2A224K115AA
			±20%			C3216X5R2A224M115AA
	3225	2.00±0.20	±10%		C3225X5R2E224K200AA	
			±20%		C3225X5R2E224M200AA	
	5750	2.30±0.20	±10%	C5750X5R2J224K230KA		
			±20%	C5750X5R2J224M230KA		
330nF	3216	1.30±0.20	±10%			C3216X5R2A334K130AA
			±20%			C3216X5R2A334M130AA
	4532	2.30±0.20	±10%	C4532X5R2E334K230KA		
			±20%	C4532X5R2E334M230KA		
	3216	1.60±0.20	±10%			C3216X5R2A474K160AA
			±20%			C3216X5R2A474M160AA
470nF	4532	2.30±0.20	±10%	C4532X5R2E474K230KA		
			±20%	C4532X5R2E474M230KA		
	3216	1.60±0.20	±10%			C3216X5R2A684K160AA
			±20%			C3216X5R2A684M160AA
	5750	2.30±0.20	±10%	C5750X5R2E684K230KA		
			±20%	C5750X5R2E684M230KA		
680nF	3216	1.60±0.20	±10%			C3216X5R2A105K160AA
			±20%			C3216X5R2A105M160AA
	5750	2.30±0.20	±10%	C5750X5R2E105K230KA		
			±20%	C5750X5R2E105M230KA		
	3225	2.00±0.20	±10%			C3225X5R2A155K200AB
			±20%			C3225X5R2A155M200AB
1µF	3225	2.30±0.20	±10%			C3225X5R2A225K230AB
			±20%			C3225X5R2A225M230AB
	5750	2.30±0.20	±10%			C5750X5R2A335K230KA
			±20%			C5750X5R2A335M230KA
	2012	1.25±0.25, -0.15	±10%			C2012X5R2A475K125AC
			±20%			C5750X5R2A475K230KA
4.7µF	5750	2.30±0.20	±10%			C5750X5R2A475M230KA
			±20%			C5750X5R2A475M230KA

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电容范围表

温度特性: X6S (-55 to +105°C, ±22%)

电容	尺寸	厚度 (mm)	电容容差	目录型号	
				额定电压 Edc: 450V	额定电压 Edc: 100V
1µF	5750	2.50±0.30	±10%	C5750X6S2W105K250KA	
			±20%	C5750X6S2W105M250KA	
2.2µF	5750	2.50±0.30	±10%	C5750X6S2W225K250KA	
			±20%	C5750X6S2W225M250KA	
10µF	3216	1.60±0.30, -0.10	±10%		C3216X6S2A106K160AC

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X7R (-55 to +125°C, ±15%)

电容	尺寸	厚度 (mm)	电容容差	目录型号		
				额定电压 Edc: 630V	额定电压 Edc: 250V	额定电压 Edc: 100V
1nF	1608	0.80±0.10	±10%			C1608X7R2A102K080AA
			±20%			C1608X7R2A102M080AA
	2012	0.85±0.15	±10%		C2012X7R2E102K085AA	C2012X7R2A102K085AA
			±20%		C2012X7R2E102M085AA	C2012X7R2A102M085AA
	3216	1.15±0.15	±10%	C3216X7R2J102K115AA		
			±20%	C3216X7R2J102M115AA		
1.5nF	1608	0.80±0.10	±10%			C1608X7R2A152K080AA
			±20%			C1608X7R2A152M080AA
	2012	0.85±0.15	±10%		C2012X7R2E152K085AA	C2012X7R2A152K085AA
			±20%		C2012X7R2E152M085AA	C2012X7R2A152M085AA
	3216	1.15±0.15	±10%	C3216X7R2J152K115AA		
			±20%	C3216X7R2J152M115AA		
2.2nF	1608	0.80±0.10	±10%			C1608X7R2A222K080AA
			±20%			C1608X7R2A222M080AA
	2012	0.85±0.15	±10%		C2012X7R2E222K085AA	C2012X7R2A222K085AA
			±20%		C2012X7R2E222M085AA	C2012X7R2A222M085AA
	3216	1.15±0.15	±10%	C3216X7R2J222K115AA		
			±20%	C3216X7R2J222M115AA		
3.3nF	1608	0.80±0.10	±10%			C1608X7R2A332K080AA
			±20%			C1608X7R2A332M080AA
	2012	0.85±0.15	±10%		C2012X7R2E332K085AA	C2012X7R2A332K085AA
			±20%		C2012X7R2E332M085AA	C2012X7R2A332M085AA
	3216	1.15±0.15	±10%	C3216X7R2J332K115AA		
			±20%	C3216X7R2J332M115AA		
4.7nF	1608	0.80±0.10	±10%			C1608X7R2A472K080AA
			±20%			C1608X7R2A472M080AA
	2012	0.85±0.15	±10%		C2012X7R2E472K085AA	C2012X7R2A472K085AA
			±20%		C2012X7R2E472M085AA	C2012X7R2A472M085AA
	3216	1.15±0.15	±10%	C3216X7R2J472K115AA		
			±20%	C3216X7R2J472M115AA		
6.8nF	1608	0.80±0.10	±10%			C1608X7R2A682K080AA
			±20%			C1608X7R2A682M080AA
	2012	0.85±0.15	±10%			C2012X7R2A682K085AA
			±20%			C2012X7R2A682M085AA
	3216	1.15±0.15	±10%	C3216X7R2J682K115AA		
			±20%	C3216X7R2J682M115AA		
10nF	1608	0.80±0.10	±10%			C1608X7R2A103K080AA
			±20%			C1608X7R2A103M080AA
	2012	0.85±0.15	±10%			C2012X7R2A103K085AA
			±20%			C2012X7R2A103M085AA
	3216	1.15±0.15	±10%	C3216X7R2J103K115AA		
			±20%	C3216X7R2J103M115AA		
15nF	1608	0.80±0.10	±10%			C1608X7R2A153K080AA
			±20%			C1608X7R2A153M080AA
	2012	1.25±0.20	±10%		C2012X7R2E153K125AA	C2012X7R2A153K125AA
			±20%		C2012X7R2E153M125AA	C2012X7R2A153M125AA
	3216	1.15±0.15	±10%		C3216X7R2E153K115AA	
			±20%		C3216X7R2E153M115AA	
22nF	1608	0.80±0.10	±10%			C1608X7R2A223K080AA
			±20%			C1608X7R2A223M080AA
	2012	1.25±0.20	±10%		C2012X7R2E223K125AA	C2012X7R2A223K125AA
			±20%		C2012X7R2E223M125AA	C2012X7R2A223M125AA
	3216	1.15±0.15	±10%		C3216X7R2E223K115AA	
			±20%		C3216X7R2E223M115AA	
33nF	2012	1.25±0.20	±10%			C2012X7R2A333K125AA
			±20%			C2012X7R2A333M125AA
	3216	1.15±0.15	±10%			C3216X7R2A333K115AA
			±20%			C3216X7R2A333M115AA
	3216	1.60±0.20	±10%	C3216X7R2J333K160AA	C3216X7R2E333K160AA	
			±20%	C3216X7R2J333M160AA	C3216X7R2E333M160AA	

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X7R (-55 to +125°C, ±15%)

电容	尺寸	厚度 (mm)	电容容差	目录型号		
				额定电压 Edc: 630V	额定电压 Edc: 250V	额定电压 Edc: 100V
47nF	2012	1.25±0.20	±10%			C2012X7R2A473K125AA
			±20%			C2012X7R2A473M125AA
	3216	1.15±0.15	±10%			C3216X7R2A473K115AA
			±20%			C3216X7R2A473M115AA
		1.60±0.20	±10%		C3216X7R2E473K160AA	
			±20%		C3216X7R2E473M160AA	
68nF	3225	2.00±0.20	±10%	C3225X7R2J473K200AA		
			±20%	C3225X7R2J473M200AA		
	2012	0.85±0.15	±10%			C2012X7R2A683K085AA
			±20%			C2012X7R2A683M085AA
	3216	1.60±0.20	±10%		C3216X7R2E683K160AA	C3216X7R2A683K160AA
			±20%		C3216X7R2E683M160AA	C3216X7R2A683M160AA
100nF	3225	2.00±0.20	±10%	C3225X7R2J683K200AA		
			±20%	C3225X7R2J683M200AA		
	4532	1.60±0.20	±10%	C4532X7R2J683K160KA		
			±20%	C4532X7R2J683M160KA		
	2012	1.25±0.20	±10%			C2012X7R2A104K125AA
			±20%			C2012X7R2A104M125AA
150nF	3216	1.60±0.20	±10%		C3216X7R2E104K160AA	C3216X7R2A104K160AA
			±20%		C3216X7R2E104M160AA	C3216X7R2A104M160AA
	3225	2.00±0.20	±10%		C3225X7R2E104K200AA	
			±20%		C3225X7R2E104M200AA	
	4532	2.30±0.20	±10%	C4532X7R2J104K230KA		
			±20%	C4532X7R2J104M230KA		
220nF	3216	1.60±0.20	±10%			C3216X7R2A154K160AA
			±20%			C3216X7R2A154M160AA
	3225	2.00±0.20	±10%		C3225X7R2E154K200AA	
			±20%		C3225X7R2E154M200AA	
	4532	1.60±0.20	±10%		C4532X7R2E154K160KA	
			±20%		C4532X7R2E154M160KA	
330nF	5750	1.60±0.20	±10%	C5750X7R2J154K160KA		
			±20%	C5750X7R2J154M160KA		
	3216	1.15±0.15	±10%			C3216X7R2A224K115AA
			±20%			C3216X7R2A224M115AA
	3225	2.00±0.20	±10%		C3225X7R2E224K200AA	
			±20%		C3225X7R2E224M200AA	
470nF	4532	2.30±0.20	±10%	C4532X7R2E224K230KA		
			±20%	C4532X7R2E224M230KA		
	5750	2.30±0.20	±10%	C5750X7R2J224K230KA		
			±20%	C5750X7R2J224M230KA		
	3216	1.30±0.20	±10%			C3216X7R2A334K130AA
			±20%			C3216X7R2A334M130AA
680nF	3225	2.00±0.20	±10%			C3225X7R2A334K200AA
			±20%			C3225X7R2A334M200AA
	4532	2.30±0.20	±10%		C4532X7R2E334K230KA	
			±20%		C4532X7R2E334M230KA	
	5750	1.60±0.20	±10%		C5750X7R2E334K160KA	
			±20%		C5750X7R2E334M160KA	
750nF	3216	1.60±0.20	±10%			C3216X7R2A474K160AA
			±20%			C3216X7R2A474M160AA
	3225	2.00±0.20	±10%			C3225X7R2A474K200AA
			±20%			C3225X7R2A474M200AA
	4532	2.30±0.20	±10%	C4532X7R2E474K230KA		
			±20%	C4532X7R2E474M230KA		
1000nF	5750	2.30±0.20	±10%		C5750X7R2E474K230KA	
			±20%		C5750X7R2E474M230KA	
	3216	1.60±0.20	±10%			C3216X7R2A684K160AA
			±20%			C3216X7R2A684M160AA
	3225	1.60±0.20	±10%			C3225X7R2A684K160AA
			±20%			C3225X7R2A684M160AA
1500nF	4532	2.30±0.20	±10%		C4532X7R2A684K230KA	
			±20%		C4532X7R2A684M230KA	
	5750	1.60±0.20	±10%		C5750X7R2A684K160KA	
			±20%		C5750X7R2A684M160KA	
	5750	2.30±0.20	±10%	C5750X7R2E684K230KA		
			±20%	C5750X7R2E684M230KA		

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X7R (-55 to +125°C,±15%)

电容	尺寸	厚度 (mm)	电容容差	目录型号	
				额定电压 Edc: 250V	额定电压 Edc: 100V
1μF	1608	0.80±0.20,-0.10	±10%		C1608X7R2A105K080AC
	3216	1.60±0.20	±10%		C3216X7R2A105K160AA
			±20%		C3216X7R2A105M160AA
	3225	2.00±0.20	±10%		C3225X7R2A105K200AA
			±20%		C3225X7R2A105M200AA
	4532	2.30±0.20	±10%		C4532X7R2A105K230KA
1.5μF			±20%		C4532X7R2A105M230KA
	5750	2.30±0.20	±10%	C5750X7R2E105K230KA	C5750X7R2A105K230KA
			±20%	C5750X7R2E105M230KA	C5750X7R2A105M230KA
	3225	2.00±0.20	±10%		C3225X7R2A155K200AB
			±20%		C3225X7R2A155M200AB
	4532	2.30±0.20	±10%		C4532X7R2A155K230KA
2.2μF			±20%		C4532X7R2A155M230KA
	5750	2.30±0.20	±10%		C5750X7R2A155K230KA
			±20%		C5750X7R2A155M230KA
	2012	1.25±0.25,-0.15	±10%		C2012X7R2A225K125AC
	3225	2.30±0.20	±10%		C3225X7R2A225K230AB
			±20%		C3225X7R2A225M230AB
3.3μF	4532	2.30±0.20	±10%		C4532X7R2A225K230KA
			±20%		C4532X7R2A225M230KA
	5750	2.30±0.20	±10%		C5750X7R2A225K230KA
			±20%		C5750X7R2A225M230KA
4.7μF	5750	2.30±0.20	±10%		C5750X7R2A335K230KA
			±20%		C5750X7R2A335M230KA
	3216	1.60±0.30,-0.10	±10%		C3216X7R2A475K160AC
10μF	5750	2.30±0.20	±10%		C5750X7R2A475K230KA
			±20%		C5750X7R2A475M230KA
	3225	2.50±0.35,-0.30	±10%		C3225X7R2A106K250AC

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单击目录产品型号,可查看产品详细信息。

MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X7S (-55 to +125°C, ±22%)

电容	尺寸	厚度 (mm)	电容容差	目录型号
				额定电压 E _{dc} : 100V
1nF	1005	0.50±0.05	±10%	C1005X7S2A102K050BB
			±20%	C1005X7S2A102M050BB
1.5nF	1005	0.50±0.05	±10%	C1005X7S2A152K050BB
			±20%	C1005X7S2A152M050BB
2.2nF	1005	0.50±0.05	±10%	C1005X7S2A222K050BB
			±20%	C1005X7S2A222M050BB
3.3nF	1005	0.50±0.05	±10%	C1005X7S2A332K050BB
			±20%	C1005X7S2A332M050BB
4.7nF	1005	0.50±0.05	±10%	C1005X7S2A472K050BB
			±20%	C1005X7S2A472M050BB
6.8nF	1005	0.50±0.05	±10%	C1005X7S2A682K050BB
			±20%	C1005X7S2A682M050BB
10nF	1005	0.50±0.05	±10%	C1005X7S2A103K050BB
			±20%	C1005X7S2A103M050BB
33nF	1608	0.80±0.10	±10%	C1608X7S2A333K080AB
			±20%	C1608X7S2A333M080AB
47nF	1608	0.80±0.10	±10%	C1608X7S2A473K080AB
			±20%	C1608X7S2A473M080AB
68nF	1608	0.80±0.10	±10%	C1608X7S2A683K080AB
			±20%	C1608X7S2A683M080AB
100nF	1608	0.80±0.10	±10%	C1608X7S2A104K080AB
			±20%	C1608X7S2A104M080AB
150nF	2012	0.85±0.15	±10%	C2012X7S2A154K085AB
			±20%	C2012X7S2A154M085AB
220nF	2012	0.85±0.15	±10%	C2012X7S2A224K085AB
			±20%	C2012X7S2A224M085AB
330nF	2012	1.25±0.20	±10%	C2012X7S2A334K125AB
			±20%	C2012X7S2A334M125AB
470nF	2012	1.25±0.20	±10%	C2012X7S2A474K125AB
			±20%	C2012X7S2A474M125AB
680nF	2012	1.25±0.20	±10%	C2012X7S2A684K125AB
			±20%	C2012X7S2A684M125AB
1μF	2012	1.25±0.20	±10%	C2012X7S2A105K125AB
			±20%	C2012X7S2A105M125AB
1.5μF	3216	1.60±0.20	±10%	C3216X7S2A155K160AB
			±20%	C3216X7S2A155M160AB
2.2μF	3216	1.60±0.20	±10%	C3216X7S2A225K160AB
			±20%	C3216X7S2A225M160AB
3.3μF	3216	1.60±0.30, -0.10	±10%	C3216X7S2A335K160AB
			±20%	C3216X7S2A335M160AB
	3225	2.00±0.20	±10%	C3225X7S2A335K200AB
			±20%	C3225X7S2A335M200AB
	4532	2.00±0.20	±10%	C4532X7S2A335K200KB
			±20%	C4532X7S2A335M200KB
4.7μF	3225	2.00±0.20	±10%	C3225X7S2A475K200AB
			±20%	C3225X7S2A475M200AB
	4532	2.30±0.20	±10%	C4532X7S2A475K230KB
6.8μF	5750	2.00±0.20	±10%	C5750X7S2A685K200KB
			±20%	C5750X7S2A685M200KB
10μF	5750	2.30±0.20	±10%	C5750X7S2A106K230KB
			±20%	C5750X7S2A106M230KB
15μF	5750	2.50±0.30	±20%	C5750X7S2A156M250KB
22μF	5750	2.80±0.30	±20%	C5750X7S2A226M280KB

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MULTILAYER CERAMIC CHIP CAPACITORS



电容范围表

温度特性: X7T (-55 to +125°C, +22, -33%)

电容	尺寸	厚度 (mm)	电容容差	目录型号			
				额定电压 Edc: 630V	额定电压 Edc: 450V	额定电压 Edc: 350V	额定电压 Edc: 250V
10nF	2012	0.85±0.15	±10% ±20%		C2012X7T2W103K085AA C2012X7T2W103M085AA	C2012X7T2V103K085AA C2012X7T2V103M085AA	
	3216	0.85±0.15	±10% ±20%	C3216X7T2J103K085AC C3216X7T2J103M085AC			
15nF	2012	0.85±0.15	±10% ±20%		C2012X7T2W153K085AA C2012X7T2W153M085AA	C2012X7T2V153K085AA C2012X7T2V153M085AA	
	3216	0.85±0.15	±10% ±20%	C3216X7T2J153K085AC C3216X7T2J153M085AC			
22nF	2012	1.25±0.20	±10% ±20%		C2012X7T2W223K125AA C2012X7T2W223M125AA	C2012X7T2V223K125AA C2012X7T2V223M125AA	
	3216	1.15±0.15	±10% ±20%	C3216X7T2J223K115AC C3216X7T2J223M115AC			
33nF	2012	1.25±0.20	±10% ±20%		C2012X7T2W333K125AA C2012X7T2W333M125AA	C2012X7T2V333K125AA C2012X7T2V333M125AA	C2012X7T2E333K125AA C2012X7T2E333M125AA
	3216	1.15±0.15	±10% ±20%	C3216X7T2J333K115AC C3216X7T2J333M115AC			
47nF	2012	1.25±0.20	±10% ±20%		C2012X7T2W473K125AA C2012X7T2W473M125AA	C2012X7T2V473K125AA C2012X7T2V473M125AA	C2012X7T2E473K125AA C2012X7T2E473M125AA
	3216	1.60±0.20	±10% ±20%	C3216X7T2J473K160AC C3216X7T2J473M160AC			
68nF	2012	1.25±0.20	±10% ±20%				C2012X7T2E683K125AA C2012X7T2E683M125AA
	3216	1.30±0.20	±10% ±20%		C3216X7T2W683K130AA C3216X7T2W683M130AA	C3216X7T2V683K130AA C3216X7T2V683M130AA	
100nF	2012	1.25±0.20	±10% ±20%				C2012X7T2E104K125AA C2012X7T2E104M125AA
	3216	1.60±0.20	±10% ±20%		C3216X7T2W104K160AA C3216X7T2W104M160AA	C3216X7T2V104K160AA C3216X7T2V104M160AA	
150nF	3225	1.60±0.20	±10% ±20%	C3225X7T2J104K160AC C3225X7T2J104M160AC			
	3216	1.30±0.20	±10% ±20%				C3216X7T2E154K130AA C3216X7T2E154M130AA
220nF	3225	2.00±0.20	±10% ±20%	C3225X7T2J154K200AC C3225X7T2J154M200AC			
	4532	1.60±0.20	±10% ±20%	C4532X7T2J154K160KC C4532X7T2J154M160KC			
300nF	3216	1.60±0.20	±10% ±20%				C3216X7T2E224K160AA C3216X7T2E224M160AA
	3225	2.00±0.20	±10% ±20%		C3225X7T2W224K200AA C3225X7T2W224M200AA		
330nF	4532	2.00±0.20	±10% ±20%	C4532X7T2J224K200KC C4532X7T2J224M200KC			
	4532	2.50±0.30	±10% ±20%	C4532X7T2J304K250KA C4532X7T2J304M250KA			
470nF	3225	2.00±0.20	±10% ±20%				C3225X7T2E334K200AA C3225X7T2E334M200AA
	4532	1.60±0.20	±10% ±20%		C4532X7T2W334K160KA C4532X7T2W334M160KA		
680nF	5750	2.00±0.20	±10% ±20%	C5750X7T2J334K200KC C5750X7T2J334M200KC			
	4532	2.30±0.20	±10% ±20%		C4532X7T2W474K230KA C4532X7T2W474M230KA		
1µF	5750	2.50±0.30	±10% ±20%	C5750X7T2J474K250KC C5750X7T2J474M250KC			
	4532	1.60±0.20	±10% ±20%				C4532X7T2E684K160KA C4532X7T2E684M160KA
1.5µF	5750	2.00±0.20	±10% ±20%		C5750X7T2W684K200KA C5750X7T2W684M200KA		
	4532	2.50±0.30	±10% ±20%				C4532X7T2E105K250KA C4532X7T2E105M250KA
2.2µF	5750	2.50±0.30	±10% ±20%		C5750X7T2W105K250KA C5750X7T2W105M250KA		
	5750	2.00±0.20	±10% ±20%				C5750X7T2E155K200KA C5750X7T2E155M200KA
	5750	2.50±0.30	±10% ±20%				C5750X7T2E225K250KA C5750X7T2E225M250KA

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