



积层贴片陶瓷片式电容器



CGA系列 车载等级 中耐压 (100 to 630V)

Type:

CGA2 [EIA CC0402]
CGA3 [EIA CC0603]
CGA4 [EIA CC0805]
CGA5 [EIA CC1206]
CGA6 [EIA CC1210]
CGA8 [EIA CC1812]
CGA9 [EIA CC2220]

Issue date:
Dec 2014



使用注意事项

使用本产品前，请务必阅读

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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个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。

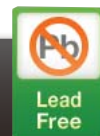
（构成例）

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

CGA 系列

中耐压 (100 to 630V)

Type: CGA2 [EIA CC0402]、CGA3 [EIA CC0603]、CGA4 [EIA CC0805]、CGA5 [EIA CC1206]、CGA6 [EIA CC1210]、CGA8 [EIA CC1812]、CGA9 [EIA CC2220]



特点



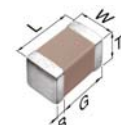
- 额定电压100V ~ 630V，电容最高到15μF。
- 随着陶瓷电介质层的薄层化和积层技术的进步，实现了高电容量。
- 残余电感低，保证优异的频率特性。
- 直流偏置特性优异。
- 丰富的额定电压产品系列，可满足客户的各种选择需求。
- 符合 AEC-Q200 车载标准。

用途



- HEV、EV的逆变器、直流-直流变换器类的去耦、平滑、缓冲电路
- 各种连接器部的浪涌电压、噪音对策

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



目录型号的识别法

CGA • 9 • P • 3 • X7S • 2A • 156 • M • 250 • K • B

系列名称

尺寸 L x W (mm)

代码	长度	宽度	端子
2	1.00 ± 0.05	0.50 ± 0.05	0.10 min.
3	1.60 ± 0.10	0.80 ± 0.10	0.20 min.
4	2.00 ± 0.20	1.25 ± 0.20	0.20 min.
5	3.20 ± 0.20	1.60 ± 0.20	0.20 min.
6	3.20 ± 0.40	2.50 ± 0.30	0.20 min.
8	4.50 ± 0.40	3.20 ± 0.40	0.20 min.
9	5.70 ± 0.40	5.00 ± 0.40	0.20 min.

*尺寸公差表示的是具有代表性的数值

厚度 T 代码 (mm)

代码	厚度
B	0.50 mm
C	0.60 mm
E	0.80 mm
F	0.85 mm
H	1.15 mm
J	1.25 mm
K	1.30 mm
L	1.60 mm
M	2.00 mm
N	2.30 mm
P	2.50 mm
Q	2.80 mm
R	3.20 mm

寿命试验的电压条件

代号	条件	代号	条件
1	1 × R.V.	3	1.5 × R.V.
2	2 × R.V.	4	1.2 × R.V.

温度特性

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
X7R	±15%	-55 to +125°C
X7S	±22%	-55 to +125°C
X7T	+22/-33%	-55 to +125°C

额定电压 (直流)

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

标称电容 (pF)

电容以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数。含有小数点时用R表示。

例：0R2 = 0.2pF; 103 = 10,000pF; 105 = 1,000,000pF = 1,000nF = 1μF

电容容差

代码	容差
C	± 0.25pF
D	± 0.50pF
J	± 5%
K	± 10%
M	± 20%

标称厚度

代码	厚度
050	0.50 mm
060	0.60 mm
125	1.25 mm
230	2.30 mm
280	2.80 mm
320	3.20 mm

*完整列表参见厚度 T 代码

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

特殊指定代码

代码	说明
A、B、C	本公司内部管理符号



电容
范围图

CGA2(1005) [EIA CC0402]

电容范围图

温度特性: C0G (0 ± 30ppm/°C)、X7S (±22%)
额定电压: 100V (2A)

电容		电容容差	C0G	X7S
(pF)	代码		2A (100V)	2A (100V)
100	101	J: ± 5% K: ± 10% M: ± 20%		
120	121			
150	151			
180	181			
220	221			
270	271			
330	331			
390	391			
470	471			
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



电容 范围图

CGA3(1608) [EIA CC0603]

电容范围图

温度特性: C0G ($0 \pm 30\text{ppm}/^\circ\text{C}$)、X7R ($\pm 15\%$)、X7S ($\pm 22\%$)
 额定电压: 250V (2E)、100V (2A)

电容		电容容差	C0G		X7R	X7S
(pF)	代码		2E (250V)	2A (100V)	2A (100V)	2A (100V)
1	010	C: $\pm 0.25\text{pF}$ D: $\pm 0.50\text{pF}$ J: $\pm 5\%$ K: $\pm 10\%$ M: $\pm 20\%$				
1.5	1R5					
2	020					
2.2	2R2					
3	030					
3.3	3R3					
4	040					
4.7	4R7					
5	050					
6	060					
6.8	6R8					
7	070					
8	080					
9	090					
10	100					
12	120					
15	150					
18	180					
22	220					
27	270					
33	330					
39	390					
47	470					
56	560					
68	680					
82	820					
100	101					
120	121					
150	151					
180	181					
220	221					
270	271					
330	331					
390	391					
470	471					
560	561					
680	681					
820	821					
1,000	102					
1,200	122					
1,500	152					
1,800	182					
2,200	222					
2,700	272					
3,300	332					
4,700	472					
6,800	682					
10,000	103					
15,000	153					
22,000	223					
33,000	333					
47,000	473					
68,000	683					
100,000	104					

标准厚度
 0.80 mm

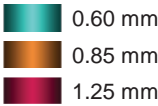


CGA4(2012) [EIA CC0805]

电容范围图

温度特性: C0G (0 ± 30ppm/°C)、X7R (±15%)、X7S (±22%)、X7T (+22/-33%)
额定电压: 450V (2W)、250V (2E)、100V (2A)

电容		电容容差	C0G			X7R		X7S	X7T	
(pF)	代码		2W (450V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2A (100V)	2W (450V)	2E (250V)
100	101	J : ± 5% K : ± 10% M : ± 20%								
120	121									
150	151									
180	181									
220	221									
270	271									
330	331									
390	391									
470	471									
560	561									
680	681									
820	821									
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									
330,000	334									
470,000	474									
680,000	684									
1,000,000	105									



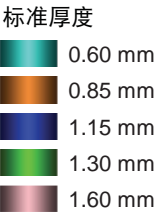


CGA5(3216) [EIA CC1206]

电容范围图

温度特性: C0G (0 ± 30ppm/°C)、X7R (±15%)、X7S (±22%)、X7T (+22/-33%)
额定电压: 630V (2J)、450V (2W)、250V (2E)、100V (2A)

电容		电容容差	C0G				X7R			X7S	X7T		
(pF)	代码		2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
100	101	J : ± 5% K : ± 10% M : ± 20%											
120	121												
150	151												
180	181												
220	221												
270	271												
330	331												
390	391												
470	471												
560	561												
680	681												
820	821												
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												
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												



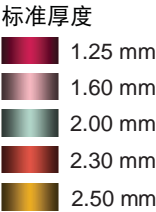


CGA6(3225) [EIA CC1210]

电容范围图

温度特性: C0G (0 ± 30ppm/°C)、X7R (±15%)、X7S (±22%)、X7T (+22/-33%)
额定电压: 630V (2J)、450V (2W)、250V (2E)、100V (2A)

电容		电容容差	C0G				X7R			X7S	X7T		
(pF)	代码		2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
3,900	392	J : ± 5% K : ± 10% M : ± 20%											
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												
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												





电容
范围图

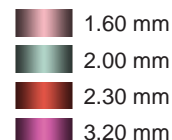
CGA8(4532) [EIA CC1812]

电容范围图

温度特性: C0G ($0 \pm 30\text{ppm}/^\circ\text{C}$)、X7R ($\pm 15\%$)、X7S ($\pm 22\%$)、X7T ($+22/-33\%$)
 额定电压: 630V (2J)、450V (2W)、250V (2E)、100V (2A)

电容		电容容差	C0G				X7R			X7S	X7T		
(pF)	代码		2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
8,200	822	J : $\pm 5\%$ K : $\pm 10\%$ M : $\pm 20\%$											
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												
1,500,000	155												
2,200,000	225												
3,300,000	335												
4,700,000	475												

标准厚度



电容
范围图

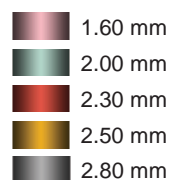
CGA9(5750) [EIA CC2220]

电容范围图

温度特性: C0G ($0 \pm 30\text{ppm}/^\circ\text{C}$)、X7R ($\pm 15\%$)、X7S ($\pm 22\%$)、X7T ($+22/-33\%$)
 额定电压: 630V (2J)、450V (2W)、250V (2E)、100V (2A)

电容		电容容差	C0G				X7R			X7S	X7T		
(pF)	代码		2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
68,000	683	J : $\pm 5\%$ K : $\pm 10\%$ M : $\pm 20\%$											
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												
6,800,000	685												
10,000,000	106												
15,000,000	156												

标准厚度





电容 范围表

种类 1 (温度补偿用)

温度特性: C0G (-55 ~ +125°C、0 ± 30 ppm/°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 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A010C080AA
1.5 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A1R5C080AA
2 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A020C080AA
2.2 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A2R2C080AA
3 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A030C080AA
3.3 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A3R3C080AA
4 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A040C080AA
4.7 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A4R7C080AA
5 pF	1608	0.80 ± 0.10	± 0.25pF				CGA3E2C0G2A050C080AA
6 pF	1608	0.80 ± 0.10	± 0.50pF				CGA3E2C0G2A060D080AA
6.8 pF	1608	0.80 ± 0.10	± 0.50pF				CGA3E2C0G2A6R8D080AA
7 pF	1608	0.80 ± 0.10	± 0.50pF				CGA3E2C0G2A070D080AA
8 pF	1608	0.80 ± 0.10	± 0.50pF				CGA3E2C0G2A080D080AA
9 pF	1608	0.80 ± 0.10	± 0.50pF				CGA3E2C0G2A090D080AA
10 pF	1608	0.80 ± 0.10	± 0.50pF				CGA3E2C0G2A100D080AA
12 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A120J080AA
15 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A150J080AA
18 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A180J080AA
22 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A220J080AA
27 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A270J080AA
33 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A330J080AA
39 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A390J080AA
47 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A470J080AA
56 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A560J080AA
68 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A680J080AA
82 pF	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A820J080AA
100 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A101J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E101J080AA	CGA3E2C0G2A101J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W101J060AA		CGA4C2C0G2A101J060AA
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J101J060AA			
120 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A121J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E121J080AA	CGA3E2C0G2A121J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W121J060AA		
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J121J060AA			
150 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A151J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E151J080AA	CGA3E2C0G2A151J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W151J060AA		
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J151J060AA			
180 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A181J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E181J080AA	CGA3E2C0G2A181J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W181J060AA		
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J181J060AA			
220 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A221J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E221J080AA	CGA3E2C0G2A221J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W221J060AA		CGA4C2C0G2A221J060AA
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J221J060AA			
270 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A271J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E271J080AA	CGA3E2C0G2A271J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W271J060AA		
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J271J060AA			
330 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A331J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E331J080AA	CGA3E2C0G2A331J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W331J060AA		
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J331J060AA			
390 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A391J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E391J080AA	CGA3E2C0G2A391J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W391J060AA		
	3216	0.60 ± 0.15	± 5%	CGA5C4C0G2J391J060AA			
470 pF	1005	0.50 ± 0.05	± 5%				CGA2B2C0G2A471J050BA
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E471J080AA	CGA3E2C0G2A471J080AA



电容 范围表

种类 1 (温度补偿用)

温度特性: C0G (-55 ~ +125°C、0 ± 30 ppm/°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
470 pF	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W471J060AA		CGA4C2C0G2A471J060AA
	3216	0.85 ± 0.15	± 5%	CGA5F4C0G2J471J085AA			
560 pF	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E561J080AA	CGA3E2C0G2A561J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W561J060AA		
680 pF	3216	0.85 ± 0.15	± 5%	CGA5F4C0G2J561J085AA			
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E681J080AA	CGA3E2C0G2A681J080AA
820 pF	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W681J060AA		
	3216	0.85 ± 0.15	± 5%	CGA5F4C0G2J681J085AA			
1 nF	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E821J080AA	CGA3E2C0G2A821J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W821J060AA	CGA4C3C0G2E821J060AA	
1.2 nF	3216	0.85 ± 0.15	± 5%	CGA5F4C0G2J821J085AA			
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E102J080AA	CGA3E2C0G2A102J080AA
1.5 nF	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W102J060AA		CGA4C2C0G2A102J060AA
	3216	0.85 ± 0.15	± 5%	CGA5F4C0G2J102J085AA		CGA4F3C0G2E102J085AA	
1.8 nF	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E122J080AA	CGA3E2C0G2A122J080AA
	2012	0.60 ± 0.15	± 5%		CGA4C4C0G2W122J060AA		CGA4C2C0G2A122J060AA
2.2 nF	3216	0.85 ± 0.15	± 5%	CGA5F4C0G2J122J085AA		CGA4F3C0G2E122J085AA	
	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E152J080AA	CGA3E2C0G2A152J080AA
2.7 nF	2012	0.60 ± 0.15	± 5%		CGA4F4C0G2W152J085AA	CGA4F3C0G2E152J085AA	
	3216	1.15 ± 0.15	± 5%	CGA5H4C0G2J152J115AA			
3.3 nF	1608	0.80 ± 0.10	± 5%			CGA3E3C0G2E182J080AA	CGA3E2C0G2A182J080AA
	2012	0.85 ± 0.15	± 5%		CGA4F4C0G2W182J085AA		CGA4F2C0G2A182J085AA
3.9 nF	3216	1.15 ± 0.15	± 5%	CGA5H4C0G2J182J115AA		CGA4J3C0G2E182J125AA	
	1608	0.80 ± 0.10	± 5%				CGA3E2C0G2A222J080AA
4.7 nF	2012	0.85 ± 0.15	± 5%			CGA3E3C0G2E222J080AA	
	3216	1.15 ± 0.15	± 5%	CGA5H4C0G2J222J115AA		CGA4F2C0G2A222J085AA	
5.6 nF	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A272J080AA
	2012	1.25 ± 0.20	± 5%		CGA4F4C0G2W222J085AA	CGA4J3C0G2E222J125AA	CGA4F2C0G2A222J085AA
6.8 nF	3216	1.15 ± 0.15	± 5%	CGA5H4C0G2J272J115AA		CGA4J3C0G2E272J125AA	
	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A332J080AA
8.2 nF	2012	0.85 ± 0.15	± 5%		CGA4F3C0G2E332J085AA		
	3216	1.25 ± 0.20	± 5%	CGA5L4C0G2J332J160AA		CGA4J2C0G2A332J125AA	
10 nF	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A392J080AA
	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W332J125AA	CGA4J3C0G2E392J125AA	CGA4J2C0G2A392J125AA
15 nF	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J392J160AA		CGA4J2C0G2A392J125AA	
	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A472J080AA
18 nF	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W392J125AA	CGA4J3C0G2E472J125AA	CGA4J2C0G2A472J125AA
	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J472J160AA		CGA4J2C0G2A472J125AA	
22 nF	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A562J080AA
	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W472J125AA	CGA4J3C0G2E562J125AA	CGA4J2C0G2A562J125AA
27 nF	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J562J160AA		CGA4J2C0G2A562J125AA	
	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A682J080AA
33 nF	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W562J125AA	CGA4J3C0G2E682J125AA	CGA4J2C0G2A682J125AA
	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J682J160AA		CGA4J2C0G2A682J125AA	
39 nF	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A822J080AA
	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W682J125AA	CGA4J3C0G2E822J125AA	CGA4J2C0G2A822J125AA
47 nF	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J822J160AA		CGA4J2C0G2A822J125AA	
	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A1000J080AA
56 nF	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W1000J125AA	CGA4J3C0G2E1000J125AA	CGA4J2C0G2A1000J125AA
	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J1000J160AA		CGA4J2C0G2A1000J125AA	
68 nF	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A1500J080AA
	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W1500J125AA	CGA4J3C0G2E1500J125AA	CGA4J2C0G2A1500J125AA
82 nF	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J1500J160AA		CGA4J2C0G2A1500J125AA	
	1608	0.80 ± 0.15/-0.1	± 5%				CGA3E2C0G2A2000J080AA
100 nF	2012	1.25 ± 0.20	± 5%		CGA4J4C0G2W2000J125AA	CGA4J3C0G2E2000J125AA	CGA4J2C0G2A2000J125AA
	3216	1.60 ± 0.20	± 5%	CGA5L4C0G2J2000J160AA		CGA4J2C0G2A2000J125AA	



电容 范围表

种类 1 (温度补偿用)

温度特性: C0G (-55 ~ +125°C、0 ± 30 ppm/°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
8.2 nF	3225	1.25 ± 0.20	± 5%	CGA6J4C0G2J822J125AA			
	4532	1.60 ± 0.20	± 5%	CGA8L4C0G2J822J160KA			
10 nF	2012	1.25 ± 0.20	± 5%			CGA4J3C0G2E103J125AA	CGA4J2C0G2A103J125AA
	3216	1.15 ± 0.15	± 5%			CGA5H3C0G2E103J115AA	CGA5H2C0G2A103J115AA
		1.60 ± 0.20	± 5%	CGA5L4C0G2J103J160AA	CGA5L4C0G2W103J160AA		
	3225	1.25 ± 0.20	± 5%	CGA6J4C0G2J103J125AA			
		1.60 ± 0.20	± 5%			CGA6L3C0G2E103J160AA	
	4532	1.60 ± 0.20	± 5%	CGA8L4C0G2J103J160KA			
15 nF	3216	1.15 ± 0.15	± 5%				CGA5H2C0G2A153J115AA
		1.60 ± 0.20	± 5%			CGA5L3C0G2E153J160AA	
		1.60 ± 0.3/-0.1	± 5%		CGA5L4C0G2W153J160AA		
	3225	1.25 ± 0.20	± 5%				CGA6J2C0G2A153J125AA
		1.60 ± 0.20	± 5%	CGA6L4C0G2J153J160AA			
	4532	2.00 ± 0.20	± 5%			CGA6M3C0G2E153J200AA	
22 nF	3216	1.60 ± 0.20	± 5%	CGA8P4C0G2J153J250KA			CGA5L2C0G2A223J160AA
		1.60 ± 0.3/-0.1	± 5%			CGA5L3C0G2E223J160AA	
		2.30 ± 0.20	± 5%			CGA6L3C0G2E223J160AA	CGA6L2C0G2A223J160AA
	3225	2.30 ± 0.20	± 5%	CGA6N4C0G2J223J230AA	CGA6N4C0G2W223J230AA		
		1.60 ± 0.20	± 5%			CGA8L3C0G2E223J160KA	
	4532	3.20 ± 0.30	± 5%	CGA8R4C0G2J223J320KA			
33 nF	3216	1.60 ± 0.20	± 5%				CGA5L2C0G2A333J160AA
		1.60 ± 0.3/-0.1	± 5%				CGA6M2C0G2A333J200AA
		2.00 ± 0.20	± 5%				
	3225	2.30 ± 0.20	± 5%			CGA6N3C0G2E333J230AA	
		2.50 ± 0.30	± 5%	CGA6P4C0G2J333J250AA	CGA6P4C0G2W333J250AA		
	4532	2.00 ± 0.20	± 5%	CGA8M4C0G2J333J200KA		CGA8M3C0G2E333J200KA	
47 nF	3225	2.30 ± 0.20	± 5%				CGA6N2C0G2A473J230AA
		2.50 ± 0.30	± 5%			CGA6P3C0G2E473J250AA	
		2.00 ± 0.20	± 5%				CGA8M2C0G2A473J200KA
	4532	2.30 ± 0.20	± 5%		CGA8N4C0G2W473J230KA		
		3.20 ± 0.30	± 5%	CGA8R4C0G2J473J320KA	CGA8R3C0G2E473J320KA		
	3225	2.30 ± 0.20	± 5%				CGA6N2C0G2A683J230AA
68 nF	4532	2.30 ± 0.20	± 5%			CGA8N4C0G2E683J230KN	
		2.50 ± 0.30	± 5%				CGA8P2C0G2A683J250KA
		3.20 ± 0.30	± 5%		CGA8R4C0G2W683J320KA		
	5750	2.30 ± 0.20	± 5%	CGA9N1C0G2J683J230KC			
	4532	3.20 ± 0.30	± 5%			CGA8R4C0G2E104J320KN	CGA8R2C0G2A104J320KA
		2.80 ± 0.30	± 5%	CGA9Q1C0G2J104J280KC	CGA9Q4C0G2W104J280KA		
150nF	5750	2.30 ± 0.20	± 5%			CGA9N4C0G2E154J230KN	CGA9N2C0G2A154J230KA



电容 范围表

种类 2 (高介电率类)

温度特性: X7R (-55 ~ +125℃、±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 : 450V	额定电压 Edc : 250V	额定电压 Edc : 100V	
1 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A102K080AA	
			± 20%				CGA3E2X7R2A102M080AA	
	3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J102K115AA				
			± 20%	CGA5H4X7R2J102M115AA				
1.5 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A152K080AA	
			± 20%				CGA3E2X7R2A152M080AA	
	3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J152K115AA				
			± 20%	CGA5H4X7R2J152M115AA				
2.2 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A222K080AA	
			± 20%				CGA3E2X7R2A222M080AA	
	3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J222K115AA				
			± 20%	CGA5H4X7R2J222M115AA				
3.3 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A332K080AA	
			± 20%				CGA3E2X7R2A332M080AA	
	3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J332K115AA				
			± 20%	CGA5H4X7R2J332M115AA				
4.7 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A472K080AA	
			± 20%				CGA3E2X7R2A472M080AA	
	3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J472K115AA				
			± 20%	CGA5H4X7R2J472M115AA				
6.8 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A682K080AA	
			± 20%				CGA3E2X7R2A682M080AA	
	2012	1.25 ± 0.20	± 10%		CGA4J3X7R2E682K125AA			
			± 20%		CGA4J3X7R2E682M125AA			
3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J682K115AA					
		± 20%	CGA5H4X7R2J682M115AA					
	10 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A103K080AA
				± 20%				CGA3E2X7R2A103M080AA
2012		1.25 ± 0.20	± 10%		CGA4J3X7R2E103K125AA			
			± 20%		CGA4J3X7R2E103M125AA			
3216	1.15 ± 0.15	± 10%	CGA5H4X7R2J103K115AA					
		± 20%	CGA5H4X7R2J103M115AA					
	15 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A153K080AA
				± 20%				CGA3E2X7R2A153M080AA
2012		1.25 ± 0.20	± 10%		CGA4J3X7R2E153K125AA	CGA4J2X7R2A153K125AA		
			± 20%		CGA4J3X7R2E153M125AA	CGA4J2X7R2A153M125AA		
3216	1.15 ± 0.15	± 10%		CGA5H3X7R2E153K115AA				
		± 20%		CGA5H3X7R2E153M115AA				
	1.30 ± 0.20	± 10%	CGA5K4X7R2J153K130AA					
		± 20%	CGA5K4X7R2J153M130AA					
22 nF	1608	0.80 ± 0.10	± 10%				CGA3E2X7R2A223K080AA	
			± 20%				CGA3E2X7R2A223M080AA	
	2012	1.25 ± 0.20	± 10%		CGA4J3X7R2E223K125AA	CGA4J2X7R2A223K125AA		
			± 20%		CGA4J3X7R2E223M125AA	CGA4J2X7R2A223M125AA		
3216	1.15 ± 0.15	± 10%		CGA5H3X7R2E223K115AA				
		± 20%		CGA5H3X7R2E223M115AA				
22 nF	3216	1.30 ± 0.20	± 10%	CGA5K4X7R2J223K130AA				
			± 20%	CGA5K4X7R2J223M130AA				
33 nF	2012	1.25 ± 0.20	± 10%				CGA4J2X7R2A333K125AA	
			± 20%				CGA4J2X7R2A333M125AA	
	3216	1.15 ± 0.15	± 10%				CGA5H2X7R2A333K115AA	
			± 20%				CGA5H2X7R2A333M115AA	
1.60 ± 0.20	3216	1.60 ± 0.20	± 10%	CGA5L4X7R2J333K160AA		CGA5L3X7R2E333K160AA		
			± 20%	CGA5L4X7R2J333M160AA		CGA5L3X7R2E333M160AA		



电容 范围表

种类 2 (高介电率类)

温度特性: X7R (-55 ~ +125℃、±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 : 450V	额定电压 Edc : 250V	额定电压 Edc : 100V
47 nF	2012	1.25 ± 0.20	± 10%				CGA4J2X7R2A473K125AA
			± 20%				CGA4J2X7R2A473M125AA
	3216	1.15 ± 0.15	± 10%				CGA5H2X7R2A473K115AA
			± 20%				CGA5H2X7R2A473M115AA
		1.60 ± 0.20	± 10%			CGA5L3X7R2E473K160AA	
			± 20%			CGA5L3X7R2E473M160AA	
68 nF	3225	2.00 ± 0.20	± 10%	CGA6M4X7R2J473K200AA			
			± 20%	CGA6M4X7R2J473M200AA			
	3216	1.60 ± 0.20	± 10%			CGA5L3X7R2E683K160AA	CGA5L2X7R2A683K160AA
			± 20%			CGA5L3X7R2E683M160AA	CGA5L2X7R2A683M160AA
	3225	2.00 ± 0.20	± 10%	CGA6M4X7R2J683K200AA			
			± 20%	CGA6M4X7R2J683M200AA			
100 nF	4532	1.60 ± 0.20	± 10%	CGA8L4X7R2J683K160KA			
			± 20%	CGA8L4X7R2J683M160KA			
	2012	1.25 ± 0.20	± 10%				CGA4J2X7R2A104K125AA
			± 20%				CGA4J2X7R2A104M125AA
	3216	1.60 ± 0.20	± 10%			CGA5L3X7R2E104K160AA	CGA5L2X7R2A104K160AA
			± 20%			CGA5L3X7R2E104M160AA	CGA5L2X7R2A104M160AA
150 nF	3225	2.00 ± 0.20	± 10%			CGA6M3X7R2E104K200AA	
			± 20%			CGA6M3X7R2E104M200AA	
	4532	1.60 ± 0.20	± 10%	CGA8N4X7R2J104K230KA			
			± 20%	CGA8N4X7R2J104M230KA			
	3216	1.60 ± 0.20	± 10%				CGA5L2X7R2A154K160AA
			± 20%				CGA5L2X7R2A154M160AA
220 nF	3225	2.00 ± 0.20	± 10%			CGA6M3X7R2E154K200AA	
			± 20%			CGA6M3X7R2E154M200AA	
	4532	1.60 ± 0.20	± 10%			CGA8L3X7R2E154K160KA	
			± 20%			CGA8L3X7R2E154M160KA	
	5750	1.60 ± 0.20	± 10%	CGA9L4X7R2J154K160KA			
			± 20%	CGA9L4X7R2J154M160KA			
330 nF	3216	1.15 ± 0.15	± 10%				CGA5H2X7R2A224K115AA
			± 20%				CGA5H2X7R2A224M115AA
	3225	2.00 ± 0.20	± 10%			CGA6M3X7R2E224K200AA	
			± 20%			CGA6M3X7R2E224M200AA	
	4532	2.30 ± 0.20	± 10%			CGA8N3X7R2E224K230KA	
			± 20%			CGA8N3X7R2E224M230KA	
470 nF	5750	2.30 ± 0.20	± 10%	CGA9N4X7R2J224K230KA			
			± 20%	CGA9N4X7R2J224M230KA			
	3216	1.30 ± 0.20	± 10%				CGA5K2X7R2A334K130AA
			± 20%				CGA5K2X7R2A334M130AA
	3225	2.00 ± 0.20	± 10%				CGA6M2X7R2A334K200AA
			± 20%				CGA6M2X7R2A334M200AA
470 nF	4532	2.30 ± 0.20	± 10%			CGA8N3X7R2E334K230KA	
			± 20%			CGA8N3X7R2E334M230KA	
	5750	1.60 ± 0.20	± 10%			CGA9L3X7R2E334K160KA	
			± 20%			CGA9L3X7R2E334M160KA	
	3216	1.60 ± 0.20	± 10%				CGA5L2X7R2A474K160AA
			± 20%				CGA5L2X7R2A474M160AA
470 nF	3225	2.00 ± 0.20	± 10%				CGA6M2X7R2A474K200AA
			± 20%				CGA6M2X7R2A474M200AA
	4532	2.30 ± 0.20	± 10%			CGA8N3X7R2E474K230KA	
			± 20%			CGA8N3X7R2E474M230KA	
	5750	2.30 ± 0.20	± 10%			CGA9N3X7R2E474K230KA	
			± 20%			CGA9N3X7R2E474M230KA	



电容 范围表

种类 2 (高介电率类)

温度特性: X7R (-55 ~ +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 : 450V	额定电压 Edc : 250V	额定电压 Edc : 100V
680 nF	3216	1.60 ± 0.20	± 10%				CGA5L2X7R2A684K160AA
			± 20%				CGA5L2X7R2A684M160AA
	3225	1.60 ± 0.20	± 10%				CGA6L2X7R2A684K160AA
			± 20%				CGA6L2X7R2A684M160AA
	4532	2.30 ± 0.20	± 10%				CGA8N2X7R2A684K230KA
			± 20%				CGA8N2X7R2A684M230KA
1 μF	5750	2.30 ± 0.20	± 10%			CGA9N3X7R2E684K230KA	CGA9L2X7R2A684K160KA
			± 20%			CGA9N3X7R2E684M230KA	CGA9L2X7R2A684M160KA
	3216	1.60 ± 0.20	± 10%				CGA5L2X7R2A105K160AA
			± 20%				CGA5L2X7R2A105M160AA
	3225	2.00 ± 0.20	± 10%				CGA6M2X7R2A105K200AA
			± 20%				CGA6M2X7R2A105M200AA
1.5 μF	4532	2.30 ± 0.20	± 10%				CGA8N2X7R2A105K230KA
			± 20%				CGA8N2X7R2A105M230KA
	5750	2.30 ± 0.20	± 10%			CGA9N3X7R2E105K230KA	CGA9N2X7R2A105K230KA
			± 20%			CGA9N3X7R2E105M230KA	CGA9N2X7R2A105M230KA
	3225	2.00 ± 0.20	± 10%				CGA6M3X7R2A155K200AB
			± 20%				CGA6M3X7R2A155M200AB
2.2 μF	4532	2.30 ± 0.20	± 10%				CGA8N2X7R2A155K230KA
			± 20%				CGA8N2X7R2A155M230KA
	5750	2.30 ± 0.20	± 10%				CGA9N2X7R2A155K230KA
			± 20%				CGA9N2X7R2A155M230KA
	3225	2.30 ± 0.20	± 10%				CGA6N3X7R2A225K230AB
			± 20%				CGA6N3X7R2A225M230AB
3.3 μF	4532	2.30 ± 0.20	± 10%				CGA8N2X7R2A225K230KA
			± 20%				CGA8N2X7R2A225M230KA
	5750	2.30 ± 0.20	± 10%				CGA9N2X7R2A225K230KA
			± 20%				CGA9N2X7R2A225M230KA
	3225	2.30 ± 0.20	± 10%				CGA6N3X7R2A225K230AB
			± 20%				CGA6N3X7R2A225M230AB
4.7 μF	5750	2.30 ± 0.20	± 10%				CGA9N2X7R2A335K230KA
			± 20%				CGA9N2X7R2A335M230KA
	3225	2.30 ± 0.20	± 10%				CGA6N3X7R2A225K230AB
			± 20%				CGA6N3X7R2A225M230AB
	4532	2.30 ± 0.20	± 10%				CGA8N2X7R2A225K230KA
			± 20%				CGA8N2X7R2A225M230KA



电容 范围表

种类 2 (高介电率类)

温度特性: X7S (-55 ~ +125℃、±22%)

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 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A102K050BB
			± 20%				CGA2B3X7S2A102M050BB
1.5 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A152K050BB
			± 20%				CGA2B3X7S2A152M050BB
2.2 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A222K050BB
			± 20%				CGA2B3X7S2A222M050BB
3.3 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A332K050BB
			± 20%				CGA2B3X7S2A332M050BB
4.7 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A472K050BB
			± 20%				CGA2B3X7S2A472M050BB
6.8 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A682K050BB
			± 20%				CGA2B3X7S2A682M050BB
10 nF	1005	0.50 ± 0.05	± 10%				CGA2B3X7S2A103K050BB
			± 20%				CGA2B3X7S2A103M050BB
33 nF	1608	0.80 ± 0.10	± 10%				CGA3E3X7S2A333K080AB
			± 20%				CGA3E3X7S2A333M080AB
47 nF	1608	0.80 ± 0.10	± 10%				CGA3E3X7S2A473K080AB
			± 20%				CGA3E3X7S2A473M080AB
68 nF	1608	0.80 ± 0.10	± 10%				CGA3E3X7S2A683K080AB
			± 20%				CGA3E3X7S2A683M080AB
100 nF	1608	0.80 ± 0.10	± 10%				CGA3E3X7S2A104K080AB
			± 20%				CGA3E3X7S2A104M080AB
330 nF	2012	1.25 ± 0.20	± 10%				CGA4J3X7S2A334K125AB
			± 20%				CGA4J3X7S2A334M125AB
470 nF	2012	1.25 ± 0.20	± 10%				CGA4J3X7S2A474K125AB
			± 20%				CGA4J3X7S2A474M125AB
680 nF	2012	1.25 ± 0.20	± 10%				CGA4J3X7S2A684K125AB
			± 20%				CGA4J3X7S2A684M125AB
1 μF	2012	1.25 ± 0.20	± 10%				CGA4J3X7S2A105K125AB
			± 20%				CGA4J3X7S2A105M125AB
1.5 μF	3216	1.60 ± 0.20	± 10%				CGA5L3X7S2A155K160AB
			± 20%				CGA5L3X7S2A155M160AB
2.2 μF	3216	1.60 ± 0.20	± 10%				CGA5L3X7S2A225K160AB
			± 20%				CGA5L3X7S2A225M160AB
3.3 μF	3216	1.60 ± 0.20	± 10%				CGA5L3X7S2A335K160AB
			± 20%				CGA5L3X7S2A335M160AB
	3225	2.00 ± 0.20	± 10%				CGA6M3X7S2A335K200AB
			± 20%				CGA6M3X7S2A335M200AB
	4532	2.00 ± 0.20	± 10%				CGA8M3X7S2A335K200KB
			± 20%				CGA8M3X7S2A335M200KB
4.7 μF	3225	2.00 ± 0.20	± 10%				CGA6M3X7S2A475K200AB
			± 20%				CGA6M3X7S2A475M200AB
	4532	2.30 ± 0.20	± 10%				CGA8N3X7S2A475K230KB
			± 20%				CGA8N3X7S2A475M230KB
6.8 μF	5750	2.00 ± 0.20	± 10%				CGA9M3X7S2A685K200KB
			± 20%				CGA9M3X7S2A685M200KB
10 μF	5750	2.30 ± 0.20	± 10%				CGA9N3X7S2A106K230KB
			± 20%				CGA9N3X7S2A106M230KB
15 μF	5750	2.50 ± 0.30	± 20%				CGA9P3X7S2A156M250KB



电容 范围表

种类 2 (高介电率类)

温度特性: X7T (-55 ~ +125°C、+22、-33%)

电容	尺寸	厚度 (mm)	电容容差	目录型号	额定电压 E _{dc} : 630V	额定电压 E _{dc} : 450V	额定电压 E _{dc} : 250V	额定电压 E _{dc} : 100V
22 nF	2012	1.25 ± 0.20	± 10%			CGA4J4X7T2W223K125AA		
			± 20%			CGA4J4X7T2W223M125AA		
	3216	1.15 ± 0.15	± 10%	CGA5H1X7T2J223K115AC				
			± 20%	CGA5H1X7T2J223M115AC				
33 nF	2012	1.25 ± 0.20	± 10%			CGA4J4X7T2W333K125AA	CGA4J3X7T2E333K125AA	
			± 20%			CGA4J4X7T2W333M125AA	CGA4J3X7T2E333M125AA	
	3216	1.15 ± 0.15	± 10%	CGA5H1X7T2J333K115AC				
			± 20%	CGA5H1X7T2J333M115AC				
47 nF	2012	1.25 ± 0.20	± 10%			CGA4J4X7T2W473K125AA	CGA4J3X7T2E473K125AA	
			± 20%			CGA4J4X7T2W473M125AA	CGA4J3X7T2E473M125AA	
	3216	1.60 ± 0.20	± 10%	CGA5L1X7T2J473K160AC				
			± 20%	CGA5L1X7T2J473M160AC				
68 nF	2012	1.25 ± 0.20	± 10%				CGA4J3X7T2E683K125AA	
			± 20%				CGA4J3X7T2E683M125AA	
	3216	1.30 ± 0.20	± 10%			CGA5K4X7T2W683K130AA		
			± 20%			CGA5K4X7T2W683M130AA		
100 nF	2012	1.25 ± 0.20	± 10%				CGA4J3X7T2E104K125AA	
			± 20%				CGA4J3X7T2E104M125AA	
	3216	1.60 ± 0.20	± 10%			CGA5L4X7T2W104K160AA		
			± 20%			CGA5L4X7T2W104M160AA		
150 nF	3216	1.30 ± 0.20	± 10%				CGA5K3X7T2E154K130AA	
			± 20%				CGA5K3X7T2E154M130AA	
	3225	2.00 ± 0.20	± 10%	CGA6M1X7T2J154K200AC				
			± 20%	CGA6M1X7T2J154M200AC				
220 nF	4532	1.60 ± 0.20	± 10%	CGA8L1X7T2J154K160KC				
			± 20%	CGA8L1X7T2J154M160KC				
	3216	1.60 ± 0.20	± 10%				CGA5L3X7T2E224K160AA	
			± 20%				CGA5L3X7T2E224M160AA	
330 nF	3225	2.00 ± 0.20	± 10%			CGA6M4X7T2W224K200AA		
			± 20%			CGA6M4X7T2W224M200AA		
	4532	2.00 ± 0.20	± 10%	CGA8M1X7T2J224K200KC				
			± 20%	CGA8M1X7T2J224M200KC				
470 nF	3225	2.00 ± 0.20	± 10%				CGA6M3X7T2E334K200AA	
			± 20%				CGA6M3X7T2E334M200AA	
	4532	1.60 ± 0.20	± 10%			CGA8L4X7T2W334K160KA		
			± 20%			CGA8L4X7T2W334M160KA		
680 nF	5750	2.00 ± 0.20	± 10%	CGA9M1X7T2J334K200KC				
			± 20%	CGA9M1X7T2J334M200KC				
	4532	1.60 ± 0.20	± 10%			CGA8N4X7T2W474K230KA		
			± 20%			CGA8N4X7T2W474M230KA		
1 μF	5750	2.50 ± 0.30	± 10%	CGA9P1X7T2J474K250KC				
			± 20%	CGA9P1X7T2J474M250KC				
	4532	1.60 ± 0.20	± 10%				CGA8L3X7T2E684K160KA	
			± 20%				CGA8L3X7T2E684M160KA	
1.5 μF	5750	2.00 ± 0.20	± 10%			CGA9M4X7T2W684K200KA		
			± 20%			CGA9M4X7T2W684M200KA		
	4532	2.50 ± 0.30	± 10%				CGA8P3X7T2E105K250KA	
			± 20%				CGA8P3X7T2E105M250KA	
2.2 μF	5750	2.50 ± 0.30	± 10%			CGA9P4X7T2W105K250KA		
			± 20%			CGA9P4X7T2W105M250KA		
	5750	2.00 ± 0.20	± 10%				CGA9M3X7T2E155K200KA	
			± 20%				CGA9M3X7T2E155M200KA	
2.2 μF	5750	2.50 ± 0.30	± 10%				CGA9P3X7T2E225K250KA	
			± 20%				CGA9P3X7T2E225M250KA	