



C Series Commercial Grade Mid Voltage (100 to 630V)

Type: C1005 [EIA CC0402]

C1608 [EIA CC0603] C2012 [EIA CC0805] C3216 [EIA CC1206] C3225 [EIA CC1210] C4532 [EIA CC1812] C5750 [EIA CC2220]

Issue date: Mar 2015



REMINDERS

Please read before using this product

SAFETY REMINDERS



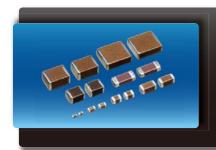
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(Example)

Catalog Issued date	Catalog Number	Item Description (On Delivery Label)
Prior to January 2013	C1608C0G1E103J	C1608C0G1E103JT000N
January 2013 and Later	C1608C0G1E103J080AA	C1608C0G1E103JT000N



C Series







Mid Voltage (100 to 630V)

Type: C1005 [EIA CC0402], C1608 [EIA CC0603], C2012 [EIA CC0805], C3216 [EIA CC1206], C3225 [EIA CC1210], C4532 [EIA CC1812], C5750 [EIA CC2220]

Features



- Voltage rating of 100V to 630V with capacitance range up to $15\mu F$.
- High capacitance has been achieved through precision technologies that enable the use of multiple thinner ceramic dielectric layers.
- Low residual inductance assures superior frequency characteristics.
- Excellent DC Bias properties.
- A lineup with wide-ranging rated voltages that enables selections that are suitable for needs.

Applications



- · Snubber in power supply
- · Electric flash circuits in digital still camera
- Power factor improvement
- · Input-output filter in power supply
- Driver circuit in plasma display
- Noise bypass

Shape & **Dimensions**





L	Body Length
W	Body Width
Т	Body Height
В	Terminal Width
G	Terminal Spacing

Catalog Number Construction

Series Name • Dimensions L x W (mm)

Code	Length	Width	Terminal
C1005	1.00 ± 0.05	0.50 ± 0.05	0.10 min.
C1608	1.60 ± 0.10	0.80 ± 0.10	0.20 min.
C2012	2.00 ± 0.20	1.25 ± 0.20	0.20 min.
C3216	3.20 ± 0.20	1.60 ± 0.20	0.20 min.
C3225	3.20 ± 0.40	2.50 ± 0.30	0.20 min.
C4532	4.50 ± 0.40	3.20 ± 0.40	0.20 min.
C5750	5.70 ± 0.40	5.00 ± 0.40	0.20 min.
*Dimension to	lerance are typical valu	es	

Temperature Characteristics •

Temperature Characteristics	Temperature Coefficient or Capacitance Change	Temperature Range
CH	0±60 ppm/°C	-25 to +85°C
C0G	0±30 ppm/°C	-55 to +125°C
JB	±10%	-25 to +85°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

Rated Voltage (DC) -

3225 • X7R • 2A • 105

Code	Voltage (DC)
2A	100V
2E	250V
2V	350V
2W	450V
2J	630V

Nominal Capacitance (pF) •

The capacitance is expressed in three digit codes and in units of pico Farads (pF). The first and second digits identify the first and second significant figures of the capacitance. The third digit identifies the multiplier. R designates a decimal point. Ex. 0R2 = 0.2pF; 103 = 10,000pF; 105 = 1,000,000pF = 100nF

Capacitance Tolerance

Code	Tolerance
С	± 0.25pF
D	± 0.50pF
F	± 1%
G	± 2%
J	± 5%
K	± 10%
M	+ 20%

Nominal Thickness

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

Packaging Style •

Code	Style
Α	178 mm Reel, 4 mm Pitch
В	178 mm Reel, 2 mm Pitch
K	178 mm Reel, 8 mm Pitch

Special Reserved Code •

Code	Description
A, B, C	TDK Internal Code

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EIA CC0402 [C1005]

Capacitance Range Chart

Temperature Characteristics: C0G (0 \pm 30ppm/°C), CH (0 \pm 60ppm/°C), X7S Rated Voltage: 100V (2A)

Canacitanas			C0G	СН	X7S
Capacitance (pF)	Code	Tolerance	2A (100V)	2A (100V)	2A (100V)
100	101	J: ±5%			
120	121	K: ± 10%			
150	151	M: ± 20%			
180	181				
220	221				
270	271				
330	331				
390	391				
470	471				
560	561				
680	681				
820	821				
1,000	102				
1,500	152				
2,200	222				
3,300	332				
4,700	472				
6,800	682				
10,000	103				

Standard Thickness 0.50 mm





EIA CC0603 [C1608]

Capacitance Range Chart

Temperature Characteristics: C0G (0 ± 30ppm/°C), CH (0 ± 60ppm/°C), JB (±10%), X5R (±15%), X7R (±15%), X7S (±22%) Rated Voltage: 250V (2E), 100V (2A)

Composite			C	C0G CH		JB	X5R	X7R	X7S	
Capacitance (pF)	Code	Tolerance	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2A (100V)	2A (100V)	2A (100V)	2A (100V)
1	010	C: ± 0.25pF								
1.5	1R5	D: ± 0.50pF								
2	020	F:±1%								
2.2	2R2	G: ±2%								
3	030	J: ±5%		-		-				
3.3	3R3	K: ±10%		-		-				
4	040	M: ±20%		-		-				
4.7 5	4R7 050	-		-		-				
6	060	-		-		-				
6.8	6R8	_		-						
7	070	_		-		•				
8	080	_		-		•				
9	090	-		-		-				
10	100	-				-				
12	120	-				-				
15	150	1								
18	180	1								
22	220	1								
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	-								
3,900	392	-								
4,700	472	-								
5,600	562	-								
6,800	682 822	-								
8,200		-								
10,000 15,000	103	-								
	153	-								
22,000	223 333	-								
33,000		-								
47,000 68,000	473	-								
	683	-								
100,000	104									

Standard Thickness
0.80 mm





EIA CC0805 [C2012]

Capacitance Range Chart

Temperature Characteristics: C0G (0 ± 30ppm/°C), CH (0 ± 60ppm/°C) Rated Voltage: 450V (2W), 250V (2E), 100V (2A)

0				COG		CH			
Capacitance (pF)	Code	Tolerance	2W (450V)	2E (250V)	2A (100V)	2W (450V)	2E (250V)	2A (100V)	
100	101	J: ±5%							
120	121	K: ±10%							
150	151	M: ±20%							
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	•							Standard Thickne
10,000	103								0.60 mm
15,000	153								
22,000	223								0.85 mm
33,000	333								1.25 mm

ard Thickness

Capacitance Range Chart

Temperature Characteristics: JB (±10%), X5R (±15%), X7R (±15%), X7S (±22%), X7T (+22/-33%) Rated Voltage: 450V (2W), 350V (2V), 250V (2E), 100V (2A)

Canacitanas			J	В	X	5R	X7	7R	X7S		X7T	
Capacitance (pF)	Code	Tolerance	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2A (100V)	2W (450V)	2V (350V)	2E (250V)
1,000	102	J: ± 5%										
1,500	152	K: ± 10%										
2,200	222	M: ± 20%										
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											
150,000	154											
220,000	224											
330,000	334											
470,000	474											
680,000	684											
1,000,000	105											

Standard Thickness 0.85 mm 1.25 mm

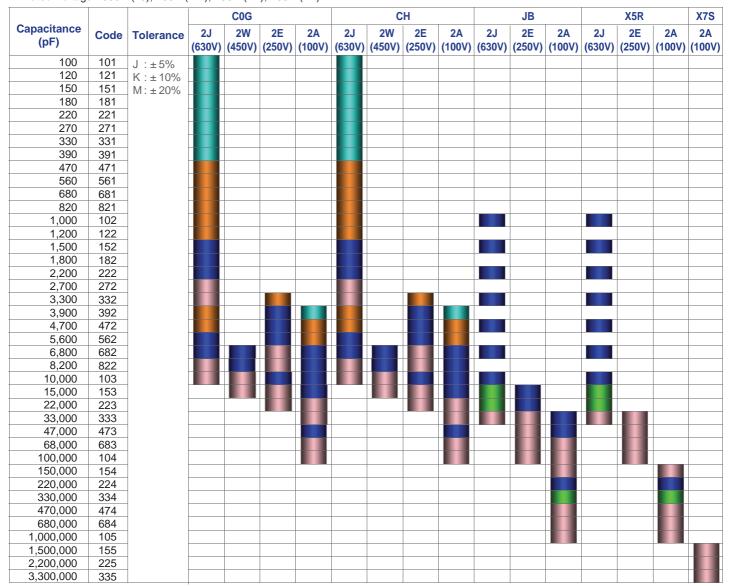




EIA CC1206 [C3216]

Capacitance Range Chart

Temperature Characteristics: C0G (0 ± 30ppm/°C), CH (0 ± 60ppm/°C), JB (±10%), X5R (±15%), X7S (±22%) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)











EIA CC1206 [C3216]

Capacitance Range Chart

Temperature Characteristics: X7R (±15%), X7S (±22%), X7T (+22/-33%) Rated Voltage: 630V (2J), 450V (2W), 350V (2V), 250V (2E), 100V (2A)

0				X7R			X.	7T		
Capacitance (pF)	Code	Tolerance	2J (630V)	2E (250V)	2A (100V)	2J (630V)	2W (450V)	2V (350V)	2E (250V)	
1,000	102	K: ± 10%								
1,500	152	M: ± 20%								
2,200	222									
3,300	332									
4,700	472									
6,800	682									
10,000	103									
15,000	153									
22,000	223									
33,000	333			-		_				
47,000	473			-						
68,000 100,000	683 104									0
150,000	154				-					Standard Thickness
220,000	224									0.85 mm
330,000	334									1.15 mm
470,000	474									
680,000	684									1.30 mm
1,000,000	105									1.60 mm





EIA CC1210 [C3225]

Capacitance Range Chart

Temperature Characteristics: C0G (0 \pm 30ppm/°C), CH (0 \pm 60ppm/°C), JB (\pm 10%) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)

				C)G			С	H			JB		
Capacitance (pF)	Code	Tolerance	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	
3,900	392	J: ±5%												
4,700	472	K: ±10%												
5,600	562	M: ±20%												
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													Standard
150,000	154													Thickness
220,000	224													1.25 mm
330,000	334													1.60 mm
470,000	474													
680,000	684													2.00 mm
1,000,000	105													2.30 mm
1,500,000	155													
2,200,000	225													2.50 mm

Capacitance Range Chart

Temperature Characteristics: : X5R (±15%), X7R (±15%), X7S (±22%), X7T (+22/-33%) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)

Rated Voltage	e. 030V	(23), 450 (21)	1), 230 V	(∠⊏), 100	JV (ZA)							
Conneitance				X5R			X7R		X7S		X7T	
Capacitance (pF)	Code	Tolerance	2J (630V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
47,000	473	K: ± 10%										
68,000	683	M: ± 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											





EIA CC1812 [C4532]

Capacitance Range Chart

Temperature Characteristics: C0G (0 ± 30ppm/°C), CH (0 ± 60ppm/°C), JB (±10%) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)

				COG				C	Н			JB		
Capacitance (pF)	Code	Tolerance	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	
8,200	822	J: ±5%												
10,000	103	K: ±10%												
15,000	153	M: ±20%												
22,000	223													
33,000	333													
47,000	473													
68,000	683													Standard
100,000	104													Thickness
150,000	154													1.60 mm
220,000	224													
330,000	334													2.00 mm
680,000	684													2.30 mm
1,000,000	105													2.50 mm
1,500,000	155													
2,200,000	225													3.20 mm

Capacitance Range Chart

Temperature Characteristics: X5R (±15%), X7R (±15%), X7S (±22%), X7T(+22%/-33%) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)

Canacitanas			X	5R		X7R		X7S		X7T		
Capacitance (pF)	Code	Tolerance	2J (630V)	2E (250V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)	
68,000	683	K: ± 10%										
100,000	104	M: ± 20%										
150,000	154											
220,000	224											
300,000	304											
330,000	334											
470,000	474											Standard Thickness
680,000	684											1.60 mm
1,000,000	105											
1,500,000	155											2.00 mm
2,200,000	225											2.30 mm
3,300,000	335											
4,700,000	475											2.50 mm





Capacitance Range Chart

Temperature Characteristics: C0G (0 ±30ppm/°C), CH (0 ±60ppm/°C) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)

0 11				C)G			С	Н		
Capacitance (pF)	Code	Tolerance	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)	2A (100V)	Standard Thickne
68,000	683	K: ±10%									2.30 mm
100,000	104	J: ±5%									2.80 mm
150,000	154										2.00

ness

Capacitance Range Chart

Temperature Characteristics: JB (±10%), X5R (±15%), X6S (±22%)

Rated Voltage: 630V (2J), 250V (2E), 100V (2A)

Canacitanas				JB			X5R		X6S	
Capacitance (pF)	Code	Tolerance	2J (630V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	2W (450V)	
150,000	154	K: ± 10%								
220,000	224	M: ± 20%								
330,000	334									
470,000	474									
680,000	684									Ctondord Thickness
1,000,000	105									Standard Thicknes
1,500,000	155									1.60 mm
2,200,000	225									2.30 mm
3,300,000	335									
4,700,000	475									2.50 mm

Capacitance Range Chart

Temperature Characteristics: X7R (±15%), X7S (±22%), X7T (+22/-33%) Rated Voltage: 630V (2J), 450V (2W), 250V (2E), 100V (2A)

Consoitence				X7R		X7S		X7T		
Capacitance (pF)	Code	Tolerance	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)	
150,000	154	K: ± 10%								
220,000	224	M: ± 20%								
330,000	334									
470,000	474									
680,000	684									
1,000,000	105									
1,500,000	155									Standard Thickness
2,200,000	225									1.60 mm
3,300,000	335									
4,700,000	475									2.00 mm
6,800,000	685									2.30 mm
10,000,000	106									
15,000,000	156									2.50 mm





Class 1 (Temperature Compensating)

Canasitanas	C:==	Thickness	Capacitance	Catalog Number			
Capacitance	Size	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
1 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A010C080AA
1.5 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A1R5C080AA
2 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A020C080AA
2.2 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A2R2C080AA
3 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A030C080AA
3.3 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A3R3C080AA
4 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A040C080AA
4.7 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A4R7C080AA
5 pF	1608	0.80 ± 0.10	± 0.25pF				C1608C0G2A050C080AA
6 pF	1608	0.80 ± 0.10	± 0.50pF				C1608C0G2A060D080AA
6.8 pF	1608	0.80 ± 0.10	± 0.50pF				C1608C0G2A6R8D080AA
7 pF	1608	0.80 ± 0.10	± 0.50pF				C1608C0G2A070D080AA
8 pF	1608	0.80 ± 0.10	± 0.50pF				C1608C0G2A080D080AA
9 pF	1608	0.80 ± 0.10	± 0.50pF				C1608C0G2A090D080AA
10 pF	1608	0.80 ± 0.10	± 0.50pF				C1608C0G2A100D080AA
12 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A120J080AA
15 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A150J080AA
18 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A180J080AA
22 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A220J080AA
27 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A270J080AA
33 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A330J080AA
39 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A390J080AA
47 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A470J080AA
56 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A560J080AA
68 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A680J080AA
82 pF	1608	0.80 ± 0.10	± 5%				C1608C0G2A820J080AA
	1005	0.50 ± 0.05	± 10%				C1005C0G2A101K050BA
	1005	0.50 ± 0.05	± 5%				C1005C0G2A101J050BA
			± 10%			C1608C0G2E101K080AA	C1608C0G2A101K080AA
	1608	0.80 ± 0.10	± 5%			C1608C0G2E101J080AA	C1608C0G2A101J080AA
100 pF	1000	0.00 ± 0.10	± 2%				C1608C0G2A101G080AA
100 βΙ			± 1%				C1608C0G2A101F080AA
	2012	0.60 ± 0.15	± 10%		C2012C0G2W101K060AA		
	2012	0.00 ± 0.13	± 5%		C2012C0G2W101J060AA		
	3216	0.60 . 0.15	± 10%	C3216C0G2J101K060AA			
	3210	0.60 ± 0.15	± 5%	C3216C0G2J101J060AA			
	1005	0.50 . 0.05	± 10%				C1005C0G2A121K050BA
	1005	0.50 ± 0.05	± 5%				C1005C0G2A121J050BA
	1000	0.00 0.10	± 10%			C1608C0G2E121K080AA	C1608C0G2A121K080AA
100 5	1608	0.80 ± 0.10	± 5%			C1608C0G2E121J080AA	C1608C0G2A121J080AA
120 pF	0010	0.00 0.15	± 10%		C2012C0G2W121K060AA		
	2012	0.60 ± 0.15	± 5%		C2012C0G2W121J060AA		
		0.00 0.15	± 10%	C3216C0G2J121K060AA			
	3216	0.60 ± 0.15	± 5%	C3216C0G2J121J060AA			
			± 10%				C1005C0G2A151K050BA
	1005	0.50 ± 0.05	± 5%				C1005C0G2A151J050BA
			± 10%			C1608C0G2E151K080AA	C1608C0G2A151K080AA
	1608	0.80 ± 0.10	± 5%			C1608C0G2E151J080AA	C1608C0G2A151J080AA
150 pF	-		± 10%		C2012C0G2W151K060AA		
	2012	0.60 ± 0.15	± 5%		C2012C0G2W151J060AA		
			± 10%	C3216C0G2J151K060AA			
	3216	0.60 ± 0.15	± 5%	C3216C0G2J151J060AA			
			± 10%	32.5555.20.0000741			C1005C0G2A181K050BA
	1005	0.50 ± 0.05	± 5%				C1005C0G2A181J050BA
			± 10%			C1608C0G2E181K080AA	C1608C0G2A181K080AA
	1608	0.80 ± 0.10	± 5%			C1608C0G2E181J080AA	C1608C0G2A181J080AA
180 pF			± 10%		C2012C0G2W181K060AA	5 100000042E 10 10000AA	5 100000GZA 10 10000AA
	2012	0.60 ± 0.15	± 10% ± 5%		C2012C0G2W181J060AA		
			± 10%	C3216C0G2J181K060AA	5201200G2W1010000AA		
	3216	0.60 ± 0.15	± 5%	C3216C0G2J181J060AA			
			± 0 /0	002 1000G20 10 1000AA			





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
	1005	0.50 . 0.05	± 10%	rated voltage Ede. 666 v	rated vehage Ede. 100 v	raida voltago Edo. 200 v	C1005C0G2A221K050BA
	1005	0.50 ± 0.05	± 5%				C1005C0G2A221J050BA
	1608	0.80 ± 0.10	± 10%			C1608C0G2E221K080AA	C1608C0G2A221K080AA
220 pF	1000	0.80 ± 0.10	± 5%			C1608C0G2E221J080AA	C1608C0G2A221J080AA
220 pi	2012	0.60 ± 0.15	± 10%		C2012C0G2W221K060AA		
	2012	0.00 ± 0.10	± 5%		C2012C0G2W221J060AA		
	3216	0.60 ± 0.15	± 10%	C3216C0G2J221K060AA			
			± 5%	C3216C0G2J221J060AA			0.1005000010511105001
	1005	0.50 ± 0.05	± 10% ± 5%				C1005C0G2A271K050BA C1005C0G2A271J050BA
			± 5% ± 10%			C1608C0G2E271K080AA	C1608C0G2A271K080AA
	1608	0.80 ± 0.10	± 5%			C1608C0G2E271J080AA	C1608C0G2A271J080AA
270 pF			± 10%		C2012C0G2W271K060AA	01000000222710000711	0100000027127100007171
	2012	0.60 ± 0.15	± 5%		C2012C0G2W271J060AA		
	0010	0.00 0.15	± 10%	C3216C0G2J271K060AA			
	3216	0.60 ± 0.15	± 5%	C3216C0G2J271J060AA			
	1005	0.50 ± 0.05	± 10%				C1005C0G2A331K050BA
	1005	0.50 ± 0.05	± 5%				C1005C0G2A331J050BA
	1608	0.80 ± 0.10	± 10%			C1608C0G2E331K080AA	C1608C0G2A331K080AA
330 pF		0.00 ± 0.10	± 5%			C1608C0G2E331J080AA	C1608C0G2A331J080AA
I	2012	0.60 ± 0.15	± 10%		C2012C0G2W331K060AA		
			± 5%	000100000000000000000000000000000000000	C2012C0G2W331J060AA		
	3216	0.60 ± 0.15	± 10%	C3216C0G2J331K060AA			
			± 5% ± 10%	C3216C0G2J331J060AA			C1005C0G2A391K050BA
	1005	0.50 ± 0.05	± 10%				C1005C0G2A391J050BA
			± 10%			C1608C0G2E391K080AA	C1608C0G2A391K080AA
	1608	0.80 ± 0.10	± 5%			C1608C0G2E391J080AA	C1608C0G2A391J080AA
390 pF			± 10%		C2012C0G2W391K060AA		
	2012	0.60 ± 0.15	± 5%		C2012C0G2W391J060AA		
	2010	0.00 - 0.15	± 10%	C3216C0G2J391K060AA			
	3216	0.60 ± 0.15	± 5%	C3216C0G2J391J060AA			
	1005	0.50 ± 0.05	± 10%				C1005C0G2A471K050BA
	1000	0.00 ± 0.00	± 5%				C1005C0G2A471J050BA
	1608	0.80 ± 0.10	± 10%			C1608C0G2E471K080AA	C1608C0G2A471K080AA
470 pF			± 5%			C1608C0G2E471J080AA	C1608C0G2A471J080AA
	2012	0.60 ± 0.15	± 10%		C2012C0G2W471K060AA		
			± 5% ± 10%	C3216C0G2J471K085AA	C2012C0G2W471J060AA		
	3216	0.85 ± 0.15	± 5%	C3216C0G2J471J085AA			
			± 10%	00210000204710000777			C1005C0G2A561K050BC
	1005	0.50 ± 0.05	± 5%				C1005C0G2A561J050BC
	1000	0.00 0.10	± 10%			C1608C0G2E561K080AA	C1608C0G2A561K080AA
E60 pE	1608	0.80 ± 0.10	± 5%			C1608C0G2E561J080AA	C1608C0G2A561J080AA
560 pF	2012	0.60 ± 0.15	± 10%		C2012C0G2W561K060AA		
	ZU 1Z	0.00 ± 0.13	± 5%		C2012C0G2W561J060AA		
	3216	0.85 ± 0.15	± 10%	C3216C0G2J561K085AA			
			± 5%	C3216C0G2J561J085AA			040050000000000000000000000000000000000
	1005	0.50 ± 0.05	± 10%				C1005C0G2A681K050BC
			± 5%			C1609C0C0E0041/0004 *	C1005C0G2A681J050BC
	1608	0.80 ± 0.10	± 10%			C1608C0G2E681K080AA C1608C0G2E681J080AA	C1608C0G2A681K080AA C1608C0G2A681J080AA
680 pF			± 5% ± 10%		C2012C0G2W681K060AA	C 1008C0GZE08 IJ080AA	C 1008C0GZA68 IJU80AA
	2012	0.60 ± 0.15	± 10%		C2012C0G2W681K060AA C2012C0G2W681J060AA		
			± 10%	C3216C0G2J681K085AA	020120002VV00100007VV		
	3216	0.85 ± 0.15	± 5%	C3216C0G2J681J085AA			
	100=	0.50 0.05	± 10%				C1005C0G2A821K050BC
	1005	0.50 ± 0.05	± 5%				C1005C0G2A821J050BC
	1600	0.00 - 0.10	± 10%			C1608C0G2E821K080AA	C1608C0G2A821K080AA
820 pF	1608	0.80 ± 0.10	± 5%			C1608C0G2E821J080AA	C1608C0G2A821J080AA
ozo he	2012	0.60 ± 0.15	± 10%	<u> </u>	C2012C0G2W821K060AA	C2012C0G2E821K060AA	<u> </u>
	-012	5.50 ± 0.10	± 5%		C2012C0G2W821J060AA	C2012C0G2E821J060AA	
	3216	0.85 ± 0.15	± 10%	C3216C0G2J821K085AA			
			± 5%	C3216C0G2J821J085AA			





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness	Capacitance Tolerance	Catalog Number		B : 11/1: E : 250/	
'		(mm)		Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
	1005	0.50 ± 0.05	± 10% ± 5%				C1005C0G2A102K050BC C1005C0G2A102J050BC
			± 10%			C1608C0G2E102K080AA	C1608C0G2A102S0S0BC
			± 5%			C1608C0G2E102J080AA	C1608C0G2A102I080AA
	1608	0.80 ± 0.10	± 2%			C 1000C0GZE 1023000AA	C1608C0G2A102G080AA
			± 1%				C1608C0G2A102G080A/
1 nF			± 10%		C2012C0G2W102K060AA		0100000042711021 000717
		0.60 ± 0.15	± 5%		C2012C0G2W102J060AA		C2012C0G2A102J060AA
	2012		± 10%		020120002111020000711	C2012C0G2E102K085AA	02012000211102000011
		0.85 ± 0.15	± 5%			C2012C0G2E102J085AA	
	-		± 10%	C3216C0G2J102K085AA			
	3216	0.85 ± 0.15	± 5%	C3216C0G2J102J085AA			
			± 10%			C1608C0G2E122K080AA	C1608C0G2A122K080A
	1608	0.80 ± 0.10	± 5%			C1608C0G2E122J080AA	C1608C0G2A122J080A
		0.00 0.15	± 10%		C2012C0G2W122K060AA		
		0.60 ± 0.15	± 5%		C2012C0G2W122J060AA		C2012C0G2A122J060A
1.2 nF	2012		± 10%			C2012C0G2E122K085AA	
		0.85 ± 0.15	± 5%			C2012C0G2E122J085AA	
	0040	0.05 0.45	± 10%	C3216C0G2J122K085AA			
	3216	0.85 ± 0.15	± 5%	C3216C0G2J122J085AA			
	1000	0.00 - 0.10	± 10%			C1608C0G2E152K080AA	C1608C0G2A152K080A
	1608	0.80 ± 0.10	± 5%			C1608C0G2E152J080AA	C1608C0G2A152J080A
		0.00 - 0.15	± 10%				C2012C0G2A152K060A
1 5 55	0010	0.60 ± 0.15	± 5%				C2012C0G2A152J060A
1.5 nF	2012		± 10%		C2012C0G2W152K085AA	C2012C0G2E152K085AA	
		0.85 ± 0.15	± 5%		C2012C0G2W152J085AA	C2012C0G2E152J085AA	
	2010	1.15 . 0.15	± 10%	C3216C0G2J152K115AA			
	3216	1.15 ± 0.15	± 5%	C3216C0G2J152J115AA			
	1000	0.00 - 0.10	± 10%			C1608C0G2E182K080AA	C1608C0G2A182K080A
	1608	0.80 ± 0.10	± 5%			C1608C0G2E182J080AA	C1608C0G2A182J080A
		0.05 . 0.15	± 10%		C2012C0G2W182K085AA		C2012C0G2A182K085A
10.5	0010	0.85 ± 0.15	± 5%		C2012C0G2W182J085AA		C2012C0G2A182J085A
1.8 nF	2012		± 10%			C2012C0G2E182K125AA	
		1.25 ± 0.20	± 5%			C2012C0G2E182J125AA	
	3216	1.15 ± 0.15	± 10%	C3216C0G2J182K115AA			
	3210	1.15 ± 0.15	± 5%	C3216C0G2J182J115AA			
		0.80 ± 0.10	± 10%				C1608C0G2A222K080A
	1608		± 5%				C1608C0G2A222J080A
	1000	0.80 +0.15/-0.1	± 10%			C1608C0G2E222K080AA	
		0.00 +0.15/-0.1	± 5%			C1608C0G2E222J080AA	
2.2 nF		0.85 ± 0.15	± 10%		C2012C0G2W222K085AA		C2012C0G2A222K085A
2.2 111	2012		± 5%		C2012C0G2W222J085AA		C2012C0G2A222J085A
	2012	1.25 ± 0.20	± 10%			C2012C0G2E222K125AA	
		1.20 ± 0.20	± 5%			C2012C0G2E222J125AA	
	3216	1.15 ± 0.15	± 10%	C3216C0G2J222K115AA			
	02.10	± 0.10	± 5%	C3216C0G2J222J115AA			
	1608	0.80 +0.15/-0.1	± 10%				C1608C0G2A272K080A
	. 500	2.00 . 0.10, 0.1	± 5%				C1608C0G2A272J080A
2.7 nF	2012	1.25 ± 0.20	± 10%		C2012C0G2W272K125AA	C2012C0G2E272K125AA	C2012C0G2A272K125A
2.7		1.20 2 0.20	± 5%		C2012C0G2W272J125AA	C2012C0G2E272J125AA	C2012C0G2A272J125A
	3216	1.60 ± 0.20	± 10%	C3216C0G2J272K160AA			
	0210	1.00 ± 0.20	± 5%	C3216C0G2J272J160AA			
	1608	0.80 +0.15/-0.1	± 10%				C1608C0G2A332K080A
		3.00 10.10/ 0.1	± 5%				C1608C0G2A332J080A
		0.85 ± 0.15	± 10%			C2012C0G2E332K085AA	
	2012		± 5%			C2012C0G2E332J085AA	
3.3 nF	2012	1.25 ± 0.20	± 10%		C2012C0G2W332K125AA		C2012C0G2A332K125A
0.0111		1.20 £ 0.20	± 5%		C2012C0G2W332J125AA		C2012C0G2A332J125A
		0.85 ± 0.15	± 10%			C3216C0G2E332K085AA	
	2016		± 5%			C3216C0G2E332J085AA	
	3216		± 10%	C3216C0G2J332K160AA			
		1.60 ± 0.20	± 5%	C3216C0G2J332J160AA			





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
	1608	0.80 ± 0.10	± 10%	Nated Voltage Edc. 030V	Nated Voltage Luc. 400V	Nated Voltage Edd. 200V	C1608C0G2A392K080AC
	1000	0.00 ± 0.10	± 5%				C1608C0G2A392J080AC
	2012	1.25 ± 0.20	± 10%		C2012C0G2W392K125AA	C2012C0G2E392K125AA	C2012C0G2A392K125AA
	2012	1.20 ± 0.20	± 5%		C2012C0G2W392J125AA	C2012C0G2E392J125AA	C2012C0G2A392J125AA
		0.60 ± 0.15	± 10%				C3216C0G2A392K060AA
3.9 nF	_	0.00 ± 0.15	± 5%				C3216C0G2A392J060AA
3.9111	3216	0.85 ± 0.15	± 10%	C3216C0G2J392K085AA			
	3210	0.00 ± 0.10	± 5%	C3216C0G2J392J085AA			
	_	1.15 . 0.15	± 10%			C3216C0G2E392K115AA	
		1.15 ± 0.15	± 5%			C3216C0G2E392J115AA	
	0005	1.05 0.00	± 10%	C3225C0G2J392K125AA			
	3225	1.25 ± 0.20	± 5%	C3225C0G2J392J125AA			
	1000	0.00 0.10	± 10%				C1608C0G2A472K080A0
	1608	0.80 ± 0.10	± 5%				C1608C0G2A472J080A0
	0010	1.05 0.00	± 10%		C2012C0G2W472K125AA	C2012C0G2E472K125AA	C2012C0G2A472K125A
	2012	1.25 ± 0.20	± 5%		C2012C0G2W472J125AA	C2012C0G2E472J125AA	C2012C0G2A472J125A
			± 10%	C3216C0G2J472K085AA			C3216C0G2A472K085A
4.7 nF		0.85 ± 0.15	± 5%	C3216C0G2J472J085AA			C3216C0G2A472J085A
	3216 -		± 10%			C3216C0G2E472K115AA	
		1.15 ± 0.15	± 5%			C3216C0G2E472J115AA	
			± 10%	C3225C0G2J472K160AA		002.0000022.020.000	
	3225	1.60 ± 0.20	± 5%	C3225C0G2J472J160AA			
			± 10%	C3223C0G234720100AA			C1608C0G2A562K080A
	1608	0.80 ± 0.10	± 5%				C1608C0G2A562J080A
					C2012C0C2WE62V12E A A	C2012C0C2EE62K12E A A	
	2012	1.25 ± 0.20	± 10%		C2012C0G2W562K125AA	C2012C0G2E562K125AA	C2012C0G2A562K125A
			± 5%		C2012C0G2W562J125AA	C2012C0G2E562J125AA	C2012C0G2A562J125A
5.6 nF		0.85 ± 0.15	± 10%				C3216C0G2A562K085A
	3216 -		± 5%				C3216C0G2A562J085A
		1.15 ± 0.15	± 10%	C3216C0G2J562K115AA		C3216C0G2E562K115AA	
			± 5%	C3216C0G2J562J115AA		C3216C0G2E562J115AA	
	3225	1.60 ± 0.20	± 10%	C3225C0G2J562K160AA			
			± 5%	C3225C0G2J562J160AA			
	1608	0.80 ± 0.10	± 10%				C1608C0G2A682K080A
	1608	0.80 ± 0.10	± 5%				C1608C0G2A682J080A
	2012	2 1.25 ± 0.20	± 10%			C2012C0G2E682K125AA	C2012C0G2A682K125A
	2012	1.20 ± 0.20	± 5%			C2012C0G2E682J125AA	C2012C0G2A682J125A
6.8 nF		1.15 ± 0.15	± 10%	C3216C0G2J682K115AA	C3216C0G2W682K115AA		C3216C0G2A682K115A
0.0111	3216 -		± 5%	C3216C0G2J682J115AA	C3216C0G2W682J115AA		C3216C0G2A682J115A
	3210 -		± 10%			C3216C0G2E682K160AA	
		1.60 ± 0.20	± 5%			C3216C0G2E682J160AA	
	2005	0.00 0.00	± 10%	C3225C0G2J682K200AA			
	3225	2.00 ± 0.20	± 5%	C3225C0G2J682J200AA			
	1000	0.00 0.10	± 10%				C1608C0G2A822K080A
	1608	0.80 ± 0.10	± 5%				C1608C0G2A822J080A0
			± 10%			C2012C0G2E822K125AA	C2012C0G2A822K125A
	2012	1.25 ± 0.20	± 5%			C2012C0G2E822J125AA	C2012C0G2A822J125A
			± 10%		C3216C0G2W822K115AA		C3216C0G2A822K115A
		1.15 ± 0.15	± 5%		C3216C0G2W822J115AA		C3216C0G2A822J115A
8.2 nF	3216 -		± 10%	C3216C0G2J822K160AA	002100002V0220110/V1	C3216C0G2E822K160AA	0021000027022011070
		1.60 ± 0.20	± 5%	C3216C0G2J822J160AA		C3216C0G2E822J160AA	
						C3210C0G2L0220100AA	
	3225	1.25 ± 0.20	± 10%	C3225C0G2J822K125AA			
			± 5%	C3225C0G2J822J125AA			
	4532	1.60 ± 0.20	± 10%	C4532C0G2J822K160KA			
			± 5%	C4532C0G2J822J160KA			01000000001100115
	1608	0.80 ± 0.10	± 10%				C1608C0G2A103K080A
		- ·	± 5%				C1608C0G2A103J080A
	2012	1.25 ± 0.20	± 10%			C2012C0G2E103K125AA	C2012C0G2A103K125A
10 nF		0 _ 0.20	± 5%			C2012C0G2E103J125AA	C2012C0G2A103J125A
. 5 111		1.15 ± 0.15	± 10%			C3216C0G2E103K115AA	C3216C0G2A103K115A
	3216 -	1.10 ± 0.10	± 5%			C3216C0G2E103J115AA	C3216C0G2A103J115A
	UZ 10 -	1.60 ± 0.20	± 10%	C3216C0G2J103K160AA	C3216C0G2W103K160AA		
			± 5%	C3216C0G2J103J160AA	C3216C0G2W103J160AA		





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100\	
		(11111)	± 10%	C3225C0G2J103K125AA	Rated Voltage Edd. 450V	Rated Voltage Edd. 250V	Rated Voltage Edd. 1001	
		1.25 ± 0.20	± 5%	C3225C0G2J103J125AA				
	3225		± 10%	00220000201000120AA		C3225C0G2E103K160AA		
10 nF		1.60 ± 0.20	± 5%			C3225C0G2E103J160AA		
			± 10%	C4532C0G2J103K160KA		C3223C0G2L 1033 100AA		
	4532	1.60 ± 0.20	± 5%	C4532C0G2J103J160KA				
			± 10%	C4332C0G2310331001X			C2012C0G2A153K085A	
	2012	0.85 ± 0.15	± 5%				C2012C0G2A153J085A	
			± 10%				C3216C0G2A153K115A	
		1.15 ± 0.15	± 5%				C3216C0G2A153J115A	
			± 10%			C3216C0G2E153K160AA	0021000042/11000110/	
	3216	1.60 ± 0.20	± 5%			C3216C0G2E153J160AA		
			± 10%		C3216C0G2W153K160AA	00210004221000100741		
		1.60 +0.3/-0.1	± 5%		C3216C0G2W153J160AA			
15 nF			± 10%		002100002VV1000100/VV		C3225C0G2A153K125A	
		1.25 ± 0.20	± 5%				C3225C0G2A153J125A	
			± 10%	C3225C0G2J153K160AA			0022000027110001207	
	3225	1.60 ± 0.20	± 5%	C3225C0G2J153J160AA				
			± 10%	00223000201300100707		C3225C0G2E153K200AA		
		2.00 ± 0.20	± 5%			C3225C0G2E153J200AA		
			± 10%	C4532C0G2J153K250KA		032230002L 1333200AA		
	4532	2.50 ± 0.30	± 5%	C4532C0G2J153J250KA				
			± 10%	043320002313332301XA			C2012C0G2A223K125A	
	2012	1.25 ± 0.20	± 10%				C2012C0G2A223K123A	
			± 10%				C3216C0G2A223K160A	
		1.60 ± 0.20	± 5%				C3216C0G2A223J160A	
	3216					C3216C0G2E223K160AA	C32 10C0G2A223J 100A	
		1.60 +0.3/-0.1	± 10% ± 5%			C3216C0G2E223J160AA		
						C3225C0G2E223K160AA	C222EC0C2A222V160A	
22 nF		1.60 ± 0.20	± 10%				C3225C0G2A223K160A	
	3225		± 5%	C220EC0C2 1222K220 A A	C220EC0C0M202K220AA	C3225C0G2E223J160AA	C3225C0G2A223J160A	
		2.30 ± 0.20	± 10%	C3225C0G2J223K230AA	C3225C0G2W223K230AA			
			± 5%	C3225C0G2J223J230AA	C3225C0G2W223J230AA	C4E22C0C0E222K100K4		
		1.60 ± 0.20	± 10%			C4532C0G2E223K160KA		
	4532		± 5%	0.45000000 10001/0001/4		C4532C0G2E223J160KA		
		3.20 ± 0.30	± 10%	C4532C0G2J223K320KA				
			± 5%	C4532C0G2J223J320KA			000100000000000000000000000000000000000	
	2012	1.25 ± 0.20	± 10%				C2012C0G2A333K125A	
			± 5%				C2012C0G2A333J125A	
	3216	1.60 +0.3/-0.1	± 10%				C3216C0G2A333K160A	
			± 5%				C3216C0G2A333J160A	
		2.00 ± 0.20	± 10%				C3225C0G2A333K200A	
33 nF			± 5%				C3225C0G2A333J200A	
	3225	2.30 ± 0.20	± 10%			C3225C0G2E333K230AA		
			± 5%	000000000000000000000000000000000000000	0000500000140001405044	C3225C0G2E333J230AA		
		2.50 ± 0.30	± 10%	C3225C0G2J333K250AA	C3225C0G2W333K250AA			
			± 5%	C3225C0G2J333J250AA	C3225C0G2W333J250AA			
	4532	2.00 ± 0.20	± 10%	C4532C0G2J333K200KA		C4532C0G2E333K200KA		
			± 5%	C4532C0G2J333J200KA		C4532C0G2E333J200KA		
	3216	1.15 ± 0.15	± 10%				C3216C0G2A473K115A	
			± 5%				C3216C0G2A473J115A	
		2.30 ± 0.20	± 10%				C3225C0G2A473K230A	
	3225		± 5%				C3225C0G2A473J230A	
		2.50 ± 0.30	± 10%			C3225C0G2E473K250AA		
47 nF		2.00 ± 0.00	± 5%			C3225C0G2E473J250AA		
17 111		2.00 ± 0.20	± 10%				C4532C0G2A473K200k	
		2.00 ± 0.20	± 5%				C4532C0G2A473J200k	
	4532	2.30 ± 0.20	± 10%		C4532C0G2W473K230KA			
	4002	Z.00 ± 0.20	± 5%		C4532C0G2W473J230KA			
	-	_	3.20 ± 0.30	± 10%	C4532C0G2J473K320KA		C4532C0G2E473K320KA	





Class 1 (Temperature Compensating)

Canasitanas	C:==	Thickness	Capacitance	Catalog Number			
Capacitance	Size	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
	3216	1.60 ± 0.20	± 10%				C3216C0G2A683K160AC
	3210	1.60 ± 0.20	± 5%				C3216C0G2A683J160AC
	3225	2.30 ± 0.20	± 10%				C3225C0G2A683K230AA
	3223	2.30 ± 0.20	± 5%				C3225C0G2A683J230AA
		2.30 ± 0.20	± 10%			C4532C0G2E683K230KN	
68 nF		2.30 ± 0.20	± 5%			C4532C0G2E683J230KN	
00 11	4532	2.50 ± 0.30	± 10%				C4532C0G2A683K250KA
	4002	2.50 ± 0.50	± 5%				C4532C0G2A683J250KA
		3.20 ± 0.30	± 10%		C4532C0G2W683K320KA		
		3.20 ± 0.30	± 5%		C4532C0G2W683J320KA		
	5750	2.30 ± 0.20	± 10%	C5750C0G2J683K230KC			
	3730	2.30 ± 0.20	± 5%	C5750C0G2J683J230KC			
	3216	1.60 ± 0.20	± 10%				C3216C0G2A104K160AC
	3210	1.00 ± 0.20	± 5%				C3216C0G2A104J160AC
100 nF	4532	3.20 ± 0.30	± 10%			C4532C0G2E104K320KN	C4532C0G2A104K320KA
100 111	4002	3.20 ± 0.30	± 5%			C4532C0G2E104J320KN	C4532C0G2A104J320KA
	5750	2.80 ± 0.30	± 10%	C5750C0G2J104K280KC	C5750C0G2W104J280KA		
	3730	2.00 ± 0.30	± 5%	C5750C0G2J104J280KC	C5750C0G2W104K280KA		
150 nF	5750	2.30 ± 0.20	± 10%			C5750C0G2E154K230KN	C5750C0G2A154K230KA
130 HF	3730	2.30 ± 0.20	± 5%			C5750C0G2E154J230KN	C5750C0G2A154J230KA





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness	Capacitance	Catalog Number			
		(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
1 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A010C080AA
1.5 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A1R5C080AA
2 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A020C080AA
2.2 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A2R2C080AA
3 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A030C080AA
3.3 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A3R3C080AA
4 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A040C080AA
4.7 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A4R7C080AA
5 pF	1608	0.80 ± 0.10	± 0.25pF				C1608CH2A050C080AA
6 pF	1608	0.80 ± 0.10	± 0.50pF				C1608CH2A060D080AA
6.8 pF	1608	0.80 ± 0.10	± 0.50pF				C1608CH2A6R8D080AA
7 pF	1608	0.80 ± 0.10	± 0.50pF				C1608CH2A070D080AA
8 pF	1608	0.80 ± 0.10	± 0.50pF				C1608CH2A080D080AA
9 pF	1608	0.80 ± 0.10	± 0.50pF				C1608CH2A090D080AA
10 pF	1608	0.80 ± 0.10	± 0.50pF				C1608CH2A100D080AA
12 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A120J080AA
15 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A150J080AA
18 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A180J080AA
22 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A220J080AA
27 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A270J080AA
33 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A330J080AA
39 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A390J080AA
47 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A470J080AA
56 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A560J080AA
68 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A680J080AA
82 pF	1608	0.80 ± 0.10	± 5%				C1608CH2A820J080AA
	1005	0.50 ± 0.05	± 10%				C1005CH2A101K050BA
			± 5%			04000011054041400044	C1005CH2A101J050BA
	1608	0.80 ± 0.10	± 10%			C1608CH2E101K080AA	C1608CH2A101K080AA
100 pF			± 5%		0004001101140414041400044	C1608CH2E101J080AA	C1608CH2A101J080AA
	2012	0.60 ± 0.15	± 10%		C2012CH2W101K060AA		
			± 5%	00040011014041400044	C2012CH2W101J060AA		
	3216	0.60 ± 0.15	± 10%	C3216CH2J101K060AA			
-			± 5% ± 10%	C3216CH2J101J060AA			C1005CH2A121K050BA
	1005	0.50 ± 0.05	± 10%				C1005CH2A121X050BA
			± 10%			C1608CH2E121K080AA	C1608CH2A121K080AA
	1608	0.80 ± 0.10	± 5%			C1608CH2E121J080AA	C1608CH2A121J080AA
120 pF			± 10%		C2012CH2W121K060AA	C 1008CH2L 12 13000AA	C 1008CH2A 12 13080AA
	2012	0.60 ± 0.15	± 5%		C2012CH2W121X000AA		
			± 10%	C3216CH2J121K060AA	C2012C112W1213000AA		
	3216	0.60 ± 0.15	± 5%	C3216CH2J121J060AA			
			± 10%	C32 10CH23 12 13000AA			C1005CH2A151K050BA
	1005	0.50 ± 0.05	± 10%				C1005CH2A151J050BA
			± 10%			C1608CH2E151K080AA	C1608CH2A151K080AA
	1608	0.80 ± 0.10	± 5%			C1608CH2E151J080AA	C1608CH2A151J080AA
150 pF			± 10%		C2012CH2W151K060AA	0.100001122.10.100007.07	0.100001127(10.100007)(1
	2012	0.60 ± 0.15	± 5%		C2012CH2W151J060AA		
			± 10%	C3216CH2J151K060AA	020120112001010000701		
	3216	0.60 ± 0.15	± 5%	C3216CH2J151J060AA			
			± 10%	302 1001 120 10 10000/1A			C1005CH2A181K050BA
	1005	0.50 ± 0.05	± 5%				C1005CH2A181J050BA
			± 10%			C1608CH2E181K080AA	C1608CH2A181K080AA
	1608	0.80 ± 0.10	± 5%			C1608CH2E181J080AA	C1608CH2A181J080AA
180 pF			± 10%		C2012CH2W181K060AA		
	2012	0.60 ± 0.15	± 5%		C2012CH2W181J060AA		
			± 10%	C3216CH2J181K060AA			
	3216	0.60 ± 0.15	± 5%	C3216CH2J181J060AA			
			± 10%				C1005CH2A221K050BA
	1005	0.50 ± 0.05	± 5%				C1005CH2A221J050BA
220 pF			± 10%			C1608CH2E221K080AA	C1608CH2A221K080AA
	1608	0.80 ± 0.10	± 5%			C1608CH2E221J080AA	C1608CH2A221J080AA
			- · · ·				





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness	Capacitance	Catalog Number			
- apaoitario	OIZE	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100\
	2012	0.60 ± 0.15	± 10%		C2012CH2W221K060AA		
220 pF	2012	0.00 ± 0.10	± 5%		C2012CH2W221J060AA		
220 pi	3216	0.60 ± 0.15	± 10%	C3216CH2J221K060AA			
	3210	0.00 ± 0.13	± 5%	C3216CH2J221J060AA			
	1005	0.50 0.05	± 10%				C1005CH2A271K050B
	1005	0.50 ± 0.05	± 5%				C1005CH2A271J050BA
			± 10%			C1608CH2E271K080AA	C1608CH2A271K080A
	1608	0.80 ± 0.10	± 5%			C1608CH2E271J080AA	C1608CH2A271J080A
270 pF			± 10%		C2012CH2W271K060AA		
	2012	0.60 ± 0.15	± 5%		C2012CH2W271J060AA		
			± 10%	C3216CH2J271K060AA	0201201121121110000711		
	3216	0.60 ± 0.15	± 5%	C3216CH2J271J060AA			
			± 10%	00210011202110000777			C1005CH2A331K050B
	1005	0.50 ± 0.05	± 5%				C1005CH2A331J050B
						C1609CH2E221K090AA	
	1608	0.80 ± 0.10	± 10%			C1608CH2E331K080AA	C1608CH2A331K080A
330 pF			± 5%		00010011011001100011	C1608CH2E331J080AA	C1608CH2A331J080A
	2012	0.60 ± 0.15	± 10%		C2012CH2W331K060AA		
			± 5%		C2012CH2W331J060AA		
	3216	0.60 ± 0.15	± 10%	C3216CH2J331K060AA			
	02.0	0.00 = 0.10	± 5%	C3216CH2J331J060AA			
	1005	0.50 ± 0.05	± 10%				C1005CH2A391K050B
	1005	0.50 ± 0.05	± 5%				C1005CH2A391J050B
	1000	0.00 0.40	± 10%			C1608CH2E391K080AA	C1608CH2A391K080A
=	1608	0.80 ± 0.10	± 5%			C1608CH2E391J080AA	C1608CH2A391J080A
390 pF			± 10%		C2012CH2W391K060AA		
	2012	0.60 ± 0.15	± 5%		C2012CH2W391J060AA		
			± 10%	C3216CH2J391K060AA			
	3216	0.60 ± 0.15	± 5%	C3216CH2J391J060AA			
			± 10%	002 1001 12003 100007 7 1			C1005CH2A471K050B
	1005	0.50 ± 0.05					
			± 5%			04000011054741400044	C1005CH2A471J050B
	1608		± 10%			C1608CH2E471K080AA	C1608CH2A471K080A
470 pF			± 5%			C1608CH2E471J080AA	C1608CH2A471J080A
	2012		± 10%		C2012CH2W471K060AA		
			± 5%		C2012CH2W471J060AA		
	3216	0.85 ± 0.15	± 10%	C3216CH2J471K085AA			
	0210	0.00 ± 0.10	± 5%	C3216CH2J471J085AA			
	1005	0.50 . 0.05	± 10%				C1005CH2A561K050B
	1005	0.50 ± 0.05	± 5%				C1005CH2A561J050B
			± 10%			C1608CH2E561K080AA	C1608CH2A561K080A
	1608	0.80 ± 0.10	± 5%			C1608CH2E561J080AA	C1608CH2A561J080A
560 pF			± 10%		C2012CH2W561K060AA		
	2012	0.60 ± 0.15	± 5%		C2012CH2W561J060AA		
			± 10%	C3216CH2J561K085AA	220.20.32.400.100007.01		
	3216	0.85 ± 0.15	± 10%	C3216CH2J561J085AA			
				502 1001 12000 10000AA			C1005CH2A681K050B
	1005	0.50 ± 0.05	± 10%				
			± 5%			0400001105004100004	C1005CH2A681J050B
	1608	0.80 ± 0.10	± 10%			C1608CH2E681K080AA	C1608CH2A681K080A
680 pF			± 5%		000100:	C1608CH2E681J080AA	C1608CH2A681J080A
F.	2012	0.60 ± 0.15	± 10%		C2012CH2W681K060AA		
			± 5%		C2012CH2W681J060AA		
	3216	0.85 ± 0.15	± 10%	C3216CH2J681K085AA			
	UZ 1U	0.00 ± 0.10	± 5%	C3216CH2J681J085AA			
	1005	0.50 . 0.05	± 10%				C1005CH2A821K050B
	1005	0.50 ± 0.05	± 5%				C1005CH2A821J050B
-			± 10%			C1608CH2E821K080AA	C1608CH2A821K080A
	1608	0.80 ± 0.10	± 5%			C1608CH2E821J080AA	C1608CH2A821J080A
820 pF			± 10%		C2012CH2W821K060AA	C2012CH2E821K060AA	3
·	2012	0.60 ± 0.15				C2012CH2E821J060AA	
	2012		+ 5%				
	2012		± 5% ± 10%	C3216CH2J821K085AA	C2012CH2W821J060AA	G2012G112L0213000AA	





Class 1 (Temperature Compensating)

1005	Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number	Detect Valters Ed. 4507	Detect Valters Ed. 0507	Dete d \/elt E-l (00)
1608			(111111)		Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100\
1668		1005	0.50 ± 0.05					C1005CH2A102K050BC
106							0.100001105100110011	C1005CH2A102J050BC
1606		1608	0.80 ± 0.10					C1608CH2A102K080AA
12 2012 2015 1 15% C.2012CH2W102J080AA C.2012CH2E102J080AA C.2012CH2E102							C1608CH2E102J080AA	C1608CH2A102J080AA
2016	1 nF		0.60 ± 0.15					000100110110010001
1.5 1.5 1.0		2012				C2012CH2W102J060AA		C2012CH2A102J060AA
18 16 18 18 18 18 18 18								
12 nF 1608							C2012CH2E102J085AA	
1.2 nF 2012		3216	0.85 ± 0.15					
12 nF 2012					C3216CH2J102J085AA			
1.2 mF		1608	0.80 ± 0.10					C1608CH2A122K080AA
12 nF							C1608CH2E122J080AA	C1608CH2A122J080AA
2012 \$\frac{\f			0.60 ± 0.15					
1.8 1.0	1.2 nF	2012				C2012CH2W122J060AA		C2012CH2A122J060AA
1.5 m								
1.5 mF 1608 0.85 ± 0.15 ± 5% C3216CH2J122J08SAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C1608CH2E15ZJ08DAA C2012CH2W15ZW08SAA C2012CH2W15ZW08SAA C2012CH2W15ZW08SAA C2012CH2E15ZJ08DAA C2012CH2W15ZJ08SAA C2012CH2W15Z				± 5%			C2012CH2E122J085AA	
1.5 m 1		3216	0.85 + 0.15					
1.5 nF		02.0	0.00 = 0.10		C3216CH2J122J085AA			
1.5 nF		1608	0.80 + 0.10					C1608CH2A152K080A
1.5 nF			0.00 = 0.10	± 5%			C1608CH2E152J080AA	C1608CH2A152J080A
1.5 nF			0.60 + 0.15					C2012CH2A152K060A
1.8 1.15 ± 0.15	1.5 nF	2012		± 5%				C2012CH2A152J060AA
# 5% C2012CH2W152J085AA C2012CH2W152J085AA C2012CH2W152J085AA C2012CH2W152J085AA C2012CH2W152J085AA C2012CH2W152J085AA C1608CH2 C1608CH2E182K080AA C2012CH2 C1608CH2E182K080AA C2012CH2 C1608CH2E182K125AA C2012CH2 C2012CH2W182K085AA C2012CH2	1.5 111	2012		± 10%		C2012CH2W152K085AA	C2012CH2E152K085AA	
1.15 ± 0.15			0.03 ± 0.13	± 5%		C2012CH2W152J085AA	C2012CH2E152J085AA	
1608		3216	1 15 ± 0 15	± 10%	C3216CH2J152K115AA			
1.8 nF		3210	1.15 ± 0.15	± 5%	C3216CH2J152J115AA			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1609	0.90 + 0.10	± 10%			C1608CH2E182K080AA	C1608CH2A182K080A
1.8 nF		1000	0.00 ± 0.10	± 5%			C1608CH2E182J080AA	C1608CH2A182J080AA
1.8 nF			0.05 . 0.15	± 10%		C2012CH2W182K085AA		C2012CH2A182K085A
1.25 ± 0.20	1 0 nE	2012		± 5%		C2012CH2W182J085AA		C2012CH2A182J085AA
1.15 ± 0.15 ± 10% C3216CH2J18ZH115AA ± 5% C3216CH2J18ZJ115AA ± 5% C3216CH2J18ZJ115AA C1608CH2 2.2 nF 2012 1.25 ± 0.20 ± 10% C3216CH2J2ZZH15AA ± 5% C2012CH2W22ZK085AA C2012CH2 2.7 nF 2012 1.25 ± 0.20 ± 10% C3216CH2J2ZZH15AA C2012CH2W2ZZJI15AA C2012CH2W2ZZJI1	1.011	2012		± 10%			C2012CH2E182K125AA	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			1.25 ± 0.20	± 5%			C2012CH2E182J125AA	
		2010	1.15 . 0.15	± 10%	C3216CH2J182K115AA			
$ \begin{array}{c} 1608 \\ 1$		3210	1.15 ± 0.15	± 5%	C3216CH2J182J115AA			
$ 2.2 \mathrm{nF} \\ $			0.00 - 0.10	± 10%				C1608CH2A222K080A
2.2 nF		1000		± 5%				C1608CH2A222J080AA
$ 2.2 \mathrm{nF} = \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1608		± 10%			C1608CH2E222K080AA	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			0.80 +0.15/-0.1	± 5%			C1608CH2E222J080AA	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	00 5		0.05 0.15	± 10%		C2012CH2W222K085AA		C2012CH2A222K085AA
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2.2 nF			± 5%		C2012CH2W222J085AA		C2012CH2A222J085A
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2012		± 10%			C2012CH2E222K125AA	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			1.25 ± 0.20				C2012CH2E222J125AA	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				± 10%	C3216CH2J222K115AA			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		3216	1.15 ± 0.15		C3216CH2J222J115AA			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				+ 10%				C1608CH2A272K080A
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1608	0.80 +0.15/-0.1					C1608CH2A272J080AA
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$						C2012CH2W272K125AA	C2012CH2E272K125AA	C2012CH2A272K125A
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2.7 nF	2012	1.25 ± 0.20					C2012CH2A272J125AA
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					C3216CH2J272K160AA			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		3216	1.60 ± 0.20					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					00210011202120100701			C1608CH2A332K080A
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1608	0.80 +0.15/-0.1					C1608CH2A332J080A
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$							C2012CH2E333K085 V V	0 100001 12A0020000A/
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			0.85 ± 0.15					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2012	-			C2012CH2/M222M12EAA	OZU IZOI IZESSZJUOSAA	C2012CH2A222V10EA
$ \begin{array}{c} 0.85 \pm 0.15 \\ \pm 10\% \\ \pm 5\% \\ \end{array} \qquad \begin{array}{c} \pm 10\% \\ \pm 5\% \\ \end{array} \qquad \begin{array}{c} \text{C3216CH2E332K085AA} \\ \text{C3216CH2E332J085AA} \end{array} $	3.3 nF		1.25 ± 0.20					C2012CH2A332K125A
0.85 ± 0.15 ± 5% C3216CH2E332J085AA						U2U12UH2W332J125AA	000400110500010054	C2012CH2A332J125A
3216 ± 5% C3216CH2E332J085AA			0.85 ± 0.15					
		3216			0004001101000111001		C3216CH2E332J085AA	
160 + 020				± 10%	C3216CH2J332K160AA			
± 5% C3216CH2J332J160AA				± 5%	C3216CH2J332J160AA			





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
		, ,	± 10%	Nated Voltage Ede. 000 V	raica voltage Luc. 400 v	Maica Vollage Luc. 200 V	C1608CH2A392K080AC
	1608	0.80 ± 0.10	± 5%				C1608CH2A392J080AC
			± 10%		C2012CH2W392K125AA	C2012CH2E392K125AA	C2012CH2A392K125AA
	2012	1.25 ± 0.20	± 5%		C2012CH2W392J125AA	C2012CH2E392J125AA	C2012CH2A392J125AA
		0.00 0.15	± 10%				C3216CH2A392K060AA
20.5		0.60 ± 0.15	± 5%				C3216CH2A392J060AA
3.9 nF	3216	0.85 ± 0.15	± 10%	C3216CH2J392K085AA			
	3210	0.65 ± 0.15	± 5%	C3216CH2J392J085AA			
		1.15 ± 0.15	± 10%			C3216CH2E392K115AA	
		1.10 ± 0.10	± 5%			C3216CH2E392J115AA	
	3225	1.25 ± 0.20	± 10%	C3225CH2J392K125AA			
	0220	2 0.20	± 5%	C3225CH2J392J125AA			
	1608	0.80 ± 0.10	± 10%				C1608CH2A472K080AC
			± 5%				C1608CH2A472J080AC
	2012	1.25 ± 0.20	± 10%		C2012CH2W472K125AA	C2012CH2E472K125AA	C2012CH2A472K125AA
			± 5%	00010011011001100	C2012CH2W472J125AA	C2012CH2E472J125AA	C2012CH2A472J125AA
4.7 nF		0.85 ± 0.15	± 10%	C3216CH2J472K085AA			C3216CH2A472K085AA
	3216 -		± 5%	C3216CH2J472J085AA		0004001105470144544	C3216CH2A472J085AA
		1.15 ± 0.15	± 10%			C3216CH2E472K115AA	
			± 5%	C3225CH2J472K160AA		C3216CH2E472J115AA	
	3225	1.60 ± 0.20	± 10% ± 5%	C3225CH2J472J160AA			
			± 10%	C3223CH2J472J160AA			C1608CH2A562K080AC
	1608	0.80 ± 0.10	± 5%				C1608CH2A562J080AC
			± 10%		C2012CH2W562K125AA	C2012CH2E562K125AA	C2012CH2A562K125AA
	2012	1.25 ± 0.20	± 5%		C2012CH2W562J125AA	C2012CH2E562J125AA	C2012CH2A562J125AA
			± 10%		020120112W3020123AA	020120112L3020120AA	C3216CH2A562K085AA
5.6 nF		0.85 ± 0.15	± 5%				C3216CH2A562J085AA
	3216 -		± 10%	C3216CH2J562K115AA		C3216CH2E562K115AA	002 1001 12/100200007 1/1
		1.15 ± 0.15	± 5%	C3216CH2J562J115AA		C3216CH2E562J115AA	
			± 10%	C3225CH2J562K160AA		00210011220020110711	
	3225	1.60 ± 0.20	± 5%	C3225CH2J562J160AA			
			± 10%				C1608CH2A682K080AC
	1608	0.80 ± 0.10	± 5%				C1608CH2A682J080AC
	0010	1.05 . 0.00	± 10%			C2012CH2E682K125AA	C2012CH2A682K125AA
	2012	1.25 ± 0.20	± 5%			C2012CH2E682J125AA	C2012CH2A682J125AA
6.8 nF		1.15 ± 0.15	± 10%	C3216CH2J682K115AA	C3216CH2W682K115AA		C3216CH2A682K115AA
0.011	3216 -		± 5%	C3216CH2J682J115AA	C3216CH2W682J115AA		C3216CH2A682J115AA
	3210	1.60 ± 0.20	± 10%			C3216CH2E682K160AA	
		1.00 ± 0.20	± 5%			C3216CH2E682J160AA	
	3225	2.00 ± 0.20	± 10%	C3225CH2J682K200AA			
	0220	2.00 ± 0.20	± 5%	C3225CH2J682J200AA			
	1608	0.80 ± 0.10	± 10%				C1608CH2A822K080AC
			± 5%			000100::	C1608CH2A822J080AC
	2012	1.25 ± 0.20	± 10%			C2012CH2E822K125AA	C2012CH2A822K125AA
			± 5%		0004001101100511115	C2012CH2E822J125AA	C2012CH2A822J125AA
		1.15 ± 0.15	± 10%		C3216CH2W822K115AA		C3216CH2A822K115AA
8.2 nF	3216 -		± 5%	0001001101001110011	C3216CH2W822J115AA	00010011050001110011	C3216CH2A822J115AA
		1.60 ± 0.20	± 10%	C3216CH2J822K160AA		C3216CH2E822K160AA	
			± 5%	C3216CH2J822J160AA		C3216CH2E822J160AA	
	3225	1.25 ± 0.20	± 10%	C3225CH2J822K125AA			
			± 5%	C3225CH2J822J125AA			
	4532	1.60 ± 0.20	± 10%	C4532CH2J822K160KA			
			± 5%	C4532CH2J822J160KA			C1600CH3A103K000AC
	1608	0.80 ± 0.10	± 10% ± 5%				C1608CH2A103K080AC C1608CH2A103J080AC
						C2012CH2E103K125AA	
	2012	1.25 ± 0.20	± 10% ± 5%				C2012CH2A103K125AA
10 nF						C2012CH2E103J125AA C3216CH2E103K115AA	C2012CH2A103J125AA
10 n⊢ -		1.15 ± 0.15	± 10% ± 5%			C3216CH2E103J115AA	C3216CH2A103K115AA
			± 0 %			002 1001 12E 1001 1 10AA	C3216CH2A103J115AA
	3216 -		± 10%	C3216CH2J103K160AA	C3216CH2W103K160AA		





Class 1 (Temperature Compensating)

Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number	Detective English	D-4-41/4 E : 0-011	D-(-4)/// = : :::
<u>'</u>		(mm)		Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100
		1.25 ± 0.20	± 10%	C3225CH2J103K125AA			
	3225		± 5%	C3225CH2J103J125AA		00005011054001/40044	
10 nF		1.60 ± 0.20	± 10%			C3225CH2E103K160AA	
			± 5%			C3225CH2E103J160AA	
	4532	1.60 ± 0.20	± 10%	C4532CH2J103K160KA			
			± 5%	C4532CH2J103J160KA			
	2012	0.85 ± 0.15	± 10%				C2012CH2A153K085A
			± 5%				C2012CH2A153J085A
		1.15 ± 0.15	± 10%				C3216CH2A153K115A
			± 5%				C3216CH2A153J115A
	3216	1.60 ± 0.20	± 10%			C3216CH2E153K160AA	
			± 5%			C3216CH2E153J160AA	
		1.60 +0.3/-0.1	± 10%		C3216CH2W153K160AA		
15 nF			± 5%		C3216CH2W153J160AA		
		1.25 ± 0.20	± 10%				C3225CH2A153K125A
			± 5%				C3225CH2A153J125A
	3225	1.60 ± 0.20	± 10%	C3225CH2J153K160AA			
			± 5%	C3225CH2J153J160AA			
		2.00 ± 0.20	± 10%			C3225CH2E153K200AA	
			± 5%			C3225CH2E153J200AA	
	4532	2.50 ± 0.30	± 10%	C4532CH2J153K250KA			
			± 5%	C4532CH2J153J250KA			
	2012	1.25 ± 0.20	± 10%				C2012CH2A223K125A
			± 5%				C2012CH2A223J125A
		1.60 ± 0.20	± 10%				C3216CH2A223K160A
	3216		± 5%				C3216CH2A223J160A
	0210	1.60 +0.3/-0.1	± 10%			C3216CH2E223K160AA	
		1.00 10.0/ 0.1	± 5%			C3216CH2E223J160AA	
22 nF		1.60 ± 0.20	± 10%			C3225CH2E223K160AA	C3225CH2A223K160A
22.111	3225		± 5%			C3225CH2E223J160AA	C3225CH2A223J160A
	0220	2.30 ± 0.20	± 10%	C3225CH2J223K230AA	C3225CH2W223K230AA		
		2.30 ± 0.20	± 5%	C3225CH2J223J230AA	C3225CH2W223J230AA		
		1.60 ± 0.20	± 10%			C4532CH2E223K160KA	
	4532		± 5%			C4532CH2E223J160KA	
	4002	3.20 ± 0.30	± 10%	C4532CH2J223K320KA			
		3.20 ± 0.30	± 5%	C4532CH2J223J320KA			
	2012	1.05 . 0.00	± 10%				C2012CH2A333K125A
	2012	1.25 ± 0.20	± 5%				C2012CH2A333J125A
	2010	100.00/01	± 10%				C3216CH2A333K160A
	3216	1.60 +0.3/-0.1	± 5%				C3216CH2A333J160A
		0.00 - 0.00	± 10%				C3225CH2A333K200A
00 mF		2.00 ± 0.20	± 5%				C3225CH2A333J200A
33 nF	2005	0.00 - 0.00	± 10%			C3225CH2E333K230AA	
	3225	2.30 ± 0.20	± 5%			C3225CH2E333J230AA	
		0.50 0.00	± 10%	C3225CH2J333K250AA	C3225CH2W333K250AA		
		2.50 ± 0.30	± 5%	C3225CH2J333J250AA	C3225CH2W333J250AA		
			± 10%			C4532CH2E333K200KA	
	4532	2.00 ± 0.20	± 5%			C4532CH2E333J200KA	
			± 10%				C3216CH2A473K115A
	3216	1.15 ± 0.15	± 5%				C3216CH2A473J115A
			± 10%				C3225CH2A473K230A
3225		2.30 ± 0.20	± 5%				C3225CH2A473J230A
	3225		± 10%			C3225CH2E473K250AA	302200112114100200F
		2.50 ± 0.30	± 10%			C3225CH2E473J250AA	
47 nF						UUZZUUI IZE4/ UUZUUAA	C4539CH34473K3001
		2.00 ± 0.20	± 10%				C4532CH2A473K200k
			± 5%		C4E000LI0W470V000V		C4532CH2A473J200K
	4532	2.30 ± 0.20	± 10%		C4532CH2W473K230KA		
			± 5%	0.45000110.1.501/0007	C4532CH2W473J230KA	0.450001105.5501000111	
		3.20 ± 0.30	± 10%	C4532CH2J473K320KA		C4532CH2E473K320KA	
			± 5%	C4532CH2J473J320KA		C4532CH2E473J320KA	





Class 1 (Temperature Compensating)

Temperature Characteristics: CH (-25 to +85°C, 0±60 ppm/°C)

Consoitones	Size	Thickness	Capacitance	Catalog Number			
Capacitance	Size	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 450V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
	3216	1.60 ± 0.20	± 10%				C3216CH2A683K160AC
	3210	1.60 ± 0.20	± 5%				C3216CH2A683J160AC
	3225	0.00 . 0.00	± 10%				C3225CH2A683K230AA
	3225	2.30 ± 0.20	± 5%				C3225CH2A683J230AA
		0.00 . 0.00	± 10%			C4532CH2E683K230KN	
68 nF		2.30 ± 0.20	± 5%			C4532CH2E683J230KN	
00 11	4532	2.50 ± 0.30	± 10%				C4532CH2A683K250KA
	4532		± 5%				C4532CH2A683J250KA
		3.20 ± 0.30	± 10%		C4532CH2W683K320KA		
		3.20 ± 0.30	± 5%		C4532CH2W683J320KA		
	5750	2.30 ± 0.20	± 10%	C5750CH2J683K230KC			
	3730	2.30 ± 0.20	± 5%	C5750CH2J683J230KC			
	3216	1.60 ± 0.20	± 10%				C3216CH2A104K160AC
	3210	1.00 ± 0.20	± 5%				C3216CH2A104J160AC
100 nF	4532	3.20 ± 0.30	± 10%			C4532CH2E104K320KN	C4532CH2A104K320KA
100 111	4552	3.20 ± 0.30	± 5%			C4532CH2E104J320KN	C4532CH2A104J320KA
	5750	2.80 ±0.30	± 10%	C5750CH2J104K280KC	C5750CH2W104J280KA		
	3730	2.00 ±0.30	± 5%	C5750CH2J104J280KC	C5750CH2W104K280KA		
150 nF	5750	2.30 ± 0.20	± 10%			C5750CH2E154K230KN	C5750CH2A154K230KA
150 115	3730	2.30 ± 0.20	± 5%			C5750CH2E154J230KN	C5750CH2A154J230KA

Class 2 (Temperature Stable)

Temperature Characteristics: JB (-25 to +85°C, ±10%)

Canacitanaa	Size	Thickness	Capacitance	Catalog Number		
Capacitance	Size	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V
	1608	0.80 ± 0.10	± 10%			C1608JB2A102K080AA
	1000	0.60 ± 0.10	± 20%			C1608JB2A102M080AA
1 nF	2012	0.85 ± 0.15	± 10%		C2012JB2E102K085AA	C2012JB2A102K085AA
THE	2012	0.65 ± 0.15	± 20%		C2012JB2E102M085AA	C2012JB2A102M085AA
	3216	1.15 ± 0.15	± 10%	C3216JB2J102K115AA		
	3210	1.15 ± 0.15	± 20%	C3216JB2J102M115AA		
	1608	0.80 ± 0.10	± 10%			C1608JB2A152K080AA
	1000	0.00 ± 0.10	± 20%			C1608JB2A152M080AA
1.5 nF	2012	0.85 ± 0.15	± 10%		C2012JB2E152K085AA	C2012JB2A152K085AA
	2012	0.65 ± 0.15	± 20%		C2012JB2E152M085AA	C2012JB2A152M085AA
	3216	1.15 ± 0.15	± 10%	C3216JB2J152K115AA		
	3210	1.15 ± 0.15	± 20%	C3216JB2J152M115AA		
	1608	0.80 ± 0.10	± 10%			C1608JB2A222K080AA
	1608	0.80 ± 0.10	± 20%			C1608JB2A222M080AA
0.0 [0010	0.85 ± 0.15	± 10%		C2012JB2E222K085AA	C2012JB2A222K085AA
2.2 nF	2012	0.05 ± 0.15	± 20%		C2012JB2E222M085AA	C2012JB2A222M085AA
	2010	1.15 ± 0.15	± 10%	C3216JB2J222K115AA		
	3216	1.15 ± 0.15	± 20%	C3216JB2J222M115AA		
	1608	0.00 0.10	± 10%			C1608JB2A332K080AA
	1608	0.80 ± 0.10	± 20%			C1608JB2A332M080AA
0.0 5	0040		± 10%		C2012JB2E332K085AA	C2012JB2A332K085AA
3.3 nF	2012	0.85 ± 0.15	± 20%		C2012JB2E332M085AA	C2012JB2A332M085AA
	2010	1.15 . 0.15	± 10%	C3216JB2J332K115AA		
	3216	1.15 ± 0.15	± 20%	C3216JB2J332M115AA		
	1000	0.00 0.10	± 10%			C1608JB2A472K080AA
	1608	0.80 ± 0.10	± 20%			C1608JB2A472M080AA
47	2012	0.05 0.45	± 10%		C2012JB2E472K085AA	C2012JB2A472K085AA
4.7 nF	2012	0.85 ± 0.15	± 20%		C2012JB2E472M085AA	C2012JB2A472M085AA
	0040	4.45 0.45	± 10%	C3216JB2J472K115AA		
	3216	1.15 ± 0.15	± 20%	C3216JB2J472M115AA		
	1000	0.00 0.40	± 10%			C1608JB2A682K080AA
0.0 5	1608	0.80 ± 0.10	± 20%			C1608JB2A682M080AA
6.8 nF	0010	0.05 0.45	± 10%			C2012JB2A682K085AA
	2012	0.85 ± 0.15	± 20%			C2012JB2A682M085AA





Class 2 (Temperature Stable)

Temperature Characteristics: JB (-25 to +85°C, ±10%)

Capacitance	Size	Thickness	Capacitance	Catalog Number		
		(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100\
	2012	1.25 ± 0.20	± 10%		C2012JB2E682K125AA	
6.8 nF			± 20%	C2010 ID0 I000K11EA A	C2012JB2E682M125AA	
	3216	1.15 ± 0.15	± 10%	C3216JB2J682K115AA C3216JB2J682M115AA		
			± 20% ± 10%	C32 10JB2J002WI 13AA		C1608JB2A103K080AA
	1608	0.80 ± 0.10	± 10%			C1608JB2A103M080AA
			± 10%			C2012JB2A103K085AA
		0.85 ± 0.15	± 10%			C2012JB2A103M085AA
10 nF	2012 -		± 10%		C2012JB2E103K125AA	OZO IZOBZ/ (TOOMIOOC/ V
		1.25 ± 0.20	± 20%		C2012JB2E103M125AA	
			± 10%	C3216JB2J103K115AA		
	3216	1.15 ± 0.15	± 20%	C3216JB2J103M115AA		
	1000	0.00 0.10	± 10%			C1608JB2A153K080AA
	1608	0.80 ± 0.10	± 20%			C1608JB2A153M080A
	0010	1.05 0.00	± 10%		C2012JB2E153K125AA	C2012JB2A153K125AA
1 <i>C</i> ~ C	2012	1.25 ± 0.20	± 20%		C2012JB2E153M125AA	C2012JB2A153M125A
15 nF		1.15 . 0.15	± 10%		C3216JB2E153K115AA	
	3216 -	1.15 ± 0.15	± 20%		C3216JB2E153M115AA	
	3210	1.30 ± 0.20	± 10%	C3216JB2J153K130AA		
		1.30 ± 0.20	± 20%	C3216JB2J153M130AA		
	1608	0.80 ± 0.10	± 10%			C1608JB2A223K080AA
	1000	0.00 ± 0.10	± 20%			C1608JB2A223M080A
	2012	1.25 ± 0.20	± 10%		C2012JB2E223K125AA	C2012JB2A223K125A
22 nF	2012	1.20 ± 0.20	± 20%		C2012JB2E223M125AA	C2012JB2A223M125A
22111		1.15 ± 0.15	± 10%		C3216JB2E223K115AA	
	3216 -	1.10 ± 0.10	± 20%		C3216JB2E223M115AA	
	0210	1.30 ± 0.20	± 10%	C3216JB2J223K130AA		
		1.00 _ 0.20	± 20%	C3216JB2J223M130AA		
	2012	1.25 ± 0.20	± 10%			C2012JB2A333K125A
			± 20%			C2012JB2A333M125A
33 nF		1.15 ± 0.15	± 10%			C3216JB2A333K115A
	3216 -		± 20%			C3216JB2A333M115A
		1.60 ± 0.20	± 10%	C3216JB2J333K160AA	C3216JB2E333K160AA	
			± 20%	C3216JB2J333M160AA	C3216JB2E333M160AA	00040 1004 4701/4054
	2012	1.25 ± 0.20	± 10%			C2012JB2A473K125A
			± 20%			C2012JB2A473M125A
		1.15 ± 0.15	± 10% ± 20%			C3216JB2A473K115A
47 nF	3216 -				C2010 ID0E 470K100 A A	C3216JB2A473M115A
		1.60 ± 0.20	± 10%		C3216JB2E473K160AA	
			± 20%	C3225JB2J473K200AA	C3216JB2E473M160AA	
	3225	2.00 ± 0.20	± 10% ± 20%	C3225JB2J473M200AA		
			± 10%	032233B23473W200AA		C2012JB2A683K085A
	2012	0.85 ± 0.15	± 20%			C2012JB2A683M085A
			± 10%		C3216JB2E683K160AA	C3216JB2A683K160A
	3216	1.60 ± 0.20	± 20%		C3216JB2E683M160AA	C3216JB2A683M160A
68 nF			± 10%	C3225JB2J683K200AA	002100B22000W1007W1	002 100B2/1000W100/W
	3225	2.00 ± 0.20	± 20%	C3225JB2J683M200AA		
			± 10%	C4532JB2J683K160KA		
	4532	1.60 ± 0.20	± 20%	C4532JB2J683M160KA		
			± 10%			C2012JB2A104K125A
	2012	1.25 ± 0.20	± 20%			C2012JB2A104M125A
		1.00	± 10%		C3216JB2E104K160AA	C3216JB2A104K160A
100 -	3216	1.60 ± 0.20	± 20%		C3216JB2E104M160AA	C3216JB2A104M160A
100 nF	0005	0.00 0.00	± 10%		C3225JB2E104K200AA	
	3225	2.00 ± 0.20	± 20%		C3225JB2E104M200AA	
	4500	0.00 0.00	± 10%	C4532JB2J104K230KA		
	4532	2.30 ± 0.20	± 20%	C4532JB2J104M230KA		
	2010	1.60 - 0.00	± 10%			C3216JB2A154K160A
150 5	3216	1.60 ± 0.20	± 20%			C3216JB2A154M160A
150 nF	2025	0.00 0.00	± 10%		C3225JB2E154K200AA	
	3225	2.00 ± 0.20	± 20%		C3225JB2E154M200AA	





Temperature Characteristics: JB (-25 to +85°C, ±10%)

Capacitance	Size	Thickness	Capacitance	Catalog Number	B + 11/15	B (1)(); = :
		(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100
	4532	1.60 ± 0.20	± 10%		C4532JB2E154K160KA	
150 nF			± 20%	0.5550.150.115.117.0017.1	C4532JB2E154M160KA	
	5750	1.60 ± 0.20	± 10%	C5750JB2J154K160KA		
			± 20%	C5750JB2J154M160KA		0001010010011111
	3216	1.15 ± 0.15	± 10%			C3216JB2A224K115AA
			± 20%			C3216JB2A224M115A
	3225	2.00 ± 0.20	± 10%		C3225JB2E224K200AA	
220 nF			± 20%		C3225JB2E224M200AA	
	4532	2.30 ± 0.20	± 10%		C4532JB2E224K230KA	
			± 20%		C4532JB2E224M230KA	
	5750	2.30 ± 0.20	± 10%	C5750JB2J224K230KA		
			± 20%	C5750JB2J224M230KA		
	3216	1.30 ± 0.20	± 10%			C3216JB2A334K130A
			± 20%			C3216JB2A334M130A
	3225	2.00 ± 0.20	± 10%			C3225JB2A334K200A
330 nF			± 20%			C3225JB2A334M200A
000 1	4532	2.30 ± 0.20	± 10%		C4532JB2E334K230KA	
		2.00 2 0.20	± 20%		C4532JB2E334M230KA	
	5750	1.60 ± 0.20	± 10%		C5750JB2E334K160KA	
	0700	1.00 ± 0.20	± 20%		C5750JB2E334M160KA	
	3216	1.60 ± 0.20	± 10%			C3216JB2A474K160A
	0210	1.00 ± 0.20	± 20%			C3216JB2A474M160A
	3225	2.00 ± 0.20	± 10%			C3225JB2A474K200A
470 nF	3223	2.00 ± 0.20	± 20%			C3225JB2A474M200A
470 HF	4520	2.20 . 0.20	± 10%		C4532JB2E474K230KA	
	4532	2.30 ± 0.20	± 20%		C4532JB2E474M230KA	
	F7F0	0.00 - 0.00	± 10%		C5750JB2E474K230KA	
	5750	2.30 ± 0.20	± 20%		C5750JB2E474M230KA	
	0010	1.00 0.00	± 10%			C3216JB2A684K160A
	3216	1.60 ± 0.20	± 20%			C3216JB2A684M160A
	0005	1.00 0.00	± 10%			C3225JB2A684K160A
	3225	1.60 ± 0.20	± 20%			C3225JB2A684M160A
			± 10%			C4532JB2A684K230K
680 nF	4532	2.30 ± 0.20	± 20%			C4532JB2A684M230K
			± 10%			C5750JB2A684K160K
		1.60 ± 0.20	± 20%			C5750JB2A684M160K
	5750 -		± 10%		C5750JB2E684K230KA	
		2.30 ± 0.20	± 20%		C5750JB2E684M230KA	
			± 10%			C3216JB2A105K160A
	3216	1.60 ± 0.20	± 20%			C3216JB2A105M160A
			± 10%			C3225JB2A105K200A
	3225	2.00 ± 0.20	± 20%			C3225JB2A105M200A
1 µF			± 10%			C4532JB2A105K230K
	4532	2.30 ± 0.20	± 20%			C4532JB2A105M230K
			± 10%		C5750JB2E105K230KA	C5750JB2A105K230K
	5750	2.30 ± 0.20	± 10%		C5750JB2E105M230KA	C5750JB2A105M230K
			± 20%		OUT DOUBLE TOURIZOUNA	
	3225	2.00 ± 0.20	± 10%			C3225JB2A155K200Al C3225JB2A155M200A
1.5 µF	4532	2.30 ± 0.20	± 10%			C4532JB2A155K230K
			± 20%			C4532JB2A155M230K
	5750	2.30 ± 0.20	± 10%			C5750JB2A155K230K
			± 20%			C5750JB2A155M230K
	3225	2.30 ± 0.20	± 10%			C3225JB2A225K230A
			± 20%			C3225JB2A225M230A
2.2 µF	4532	2.30 ± 0.20	± 10%			C4532JB2A225K230K
			± 20%			C4532JB2A225M230K
	5750	2.30 ± 0.20	± 10%			C5750JB2A225K230K
	00		± 20%			C5750JB2A225M230K
3.3 µF	5750	2.30 ± 0.20	± 10%			C5750JB2A335K230K
υ.υ μι	2,00	2.00 ± 0.20	± 20%			C5750JB2A335M230K
4.7 µF	5750	2.30 ± 0.20	± 10%			C5750JB2A475K230K/
T./ UI	0100	2.00 ± 0.20	± 20%		·	C5750JB2A475M230K





Class 2 (Temperature Stable)

Temperature Characteristics: X5R (-55 to +85°C, ±15%)

Capacitance	Size	Thickness	Capacitance	Catalog Number				
о арабиано б	0.20	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100\		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A102K080A		
			± 20%		0001015555555	C1608X5R2A102M080A		
1 nF	2012	0.85 ± 0.15	± 10%		C2012X5R2E102K085AA			
			± 20%	00040/500 1400/44544	C2012X5R2E102M085AA			
	3216	1.15 ± 0.15	± 10%	C3216X5R2J102K115AA				
			± 20%	C3216X5R2J102M115AA		0.0000/5000.0500		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A152K080A		
			± 20%		C0040VED0E4E0V00EAA	C1608X5R2A152M080A		
1.5 nF	2012	0.85 ± 0.15	± 10%		C2012X5R2E152K085AA			
			± 20%	00010VED0.HE0V11EAA	C2012X5R2E152M085AA			
	3216	1.15 ± 0.15	± 10%	C3216X5R2J152K115AA C3216X5R2J152M115AA				
			± 20%	C32 10X3R2J 132W1113AA		C1000VED04000V0004		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A222K080A		
			± 20%		C0010VED0E000V00EAA	C1608X5R2A222M080A		
2.2 nF	2012	0.85 ± 0.15	± 10%		C2012X5R2E222K085AA			
			± 20%	C2010VED0 1000V11EAA	C2012X5R2E222M085AA			
	3216	1.15 ± 0.15	± 10%	C3216X5R2J222K115AA				
			± 20%	C3216X5R2J222M115AA		04000VED04000V0004		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A332K080A C1608X5R2A332M080A		
			± 20%		C0040VED0E000V00EAA	C 1008X3HZA33ZIVIU8UF		
3.3 nF	2012	0.85 ± 0.15	± 10%		C2012X5R2E332K085AA			
			± 20%	C2010VED0 1220V11EAA	C2012X5R2E332M085AA			
	3216	3216	1.15 ± 0.15	± 10%	C3216X5R2J332K115AA			
			± 20%	C3216X5R2J332M115AA		O4000VED04470V0004		
	1608	8 0.80 ± 0.10	± 10%			C1608X5R2A472K080A		
			± 20%		C0040VED0E470V00EAA	C1608X5R2A472M080A		
4.7 nF	2012	0.85 ± 0.15	± 10%		C2012X5R2E472K085AA			
			± 20%	00040VED01470V44EAA	C2012X5R2E472M085AA			
	3216	1.15 ± 0.15	± 10%	C3216X5R2J472K115AA				
			± 20%	C3216X5R2J472M115AA		C1000VED04000V0004		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A682K080A		
			± 20%		C0010VED0E000V10EAA	C1608X5R2A682M080A		
6.8 nF	2012	2012 1.25 ± 0.20	± 10%		C2012X5R2E682K125AA			
			± 20%	C2010VED0 I000V11EAA	C2012X5R2E682M125AA			
	3216	1.15 ± 0.15	± 10%	C3216X5R2J682K115AA				
			± 20%	C3216X5R2J682M115AA		O4000VED04400V0004		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A103K080A		
			± 20%		C0010VED0E100V10EAA	C1608X5R2A103M080A		
10 nF	2012	1.25 ± 0.20	± 10%		C2012X5R2E103K125AA			
	3216	3216		± 20%	C2010VED0.H00V11EAA	C2012X5R2E103M125AA		
			3216	3216	3216	1.15 ± 0.15	± 10%	C3216X5R2J103K115AA
			± 20%	C3216X5R2J103M115AA		C1000VED041E0V0004		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A153K080A		
			± 20%		C0010VED0E1E0V10EAA	C1608X5R2A153M080A		
15 nF	2012	1.25 ± 0.20	± 10%		C2012X5R2E153K125AA			
			± 20%	C2010VED0.HE0V120AA	C2012X5R2E153M125AA			
	3216	1.30 ± 0.20	± 10%	C3216X5R2J153K130AA				
			± 20%	C3216X5R2J153M130AA		O4000VED0 4 000V000 4		
	1608	0.80 ± 0.10	± 10%			C1608X5R2A223K080A		
			± 20%		00040VED05000V40544	C1608X5R2A223M080A		
22 nF	2012	1.25 ± 0.20	± 10%		C2012X5R2E223K125AA			
			± 20%	O0040VED0 1000V400 : :	C2012X5R2E223M125AA			
	3216	1.30 ± 0.20	± 10%	C3216X5R2J223K130AA				
			± 20%	C3216X5R2J223M130AA		000101000000000000000000000000000000000		
	2012	1.25 ± 0.20	± 10%			C2012X5R2A333K125A		
33 nF			± 20%			C2012X5R2A333M125A		
**	3216	1.60 ± 0.20	± 10%	C3216X5R2J333K160AA	C3216X5R2E333K160AA			
	0		± 20%	C3216X5R2J333M160AA	C3216X5R2E333M160AA			





Temperature Characteristics: X5R (-55 to +85°C, ±15%)

Size	(mm)	Tolerance	D-411/-14 E-1 0001/	Datad Valtage Edg. 250V	D : 11/1: E1 100														
		Totorarioo	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100V														
2012	1 25 + 0 20	± 10%			C2012X5R2A473K125AA														
2012	1.20 ± 0.20	± 20%			C2012X5R2A473M125A														
3216	1 60 + 0 20	± 10%		C3216X5R2E473K160AA															
02.0	1.00 = 0.20			C3216X5R2E473M160AA															
3225	2.00 + 0.20																		
0220	2.00 2 0.20	± 20%	C3225X5R2J473M200AA																
2012	0.85 ± 0.15				C2012X5R2A683K085AA														
					C2012X5R2A683M085AA														
3216	1.60 ± 0.20																		
				C3216X5R2E683M160AA															
3225	2.00 ± 0.20																		
			C3225X5R2J683M200AA																
2012	1.25 ± 0.20				C2012X5R2A104K125AA														
					C2012X5R2A104M125A														
3216	1.60 ± 0.20																		
				C3216X5R2E104M160AA															
4532	2.30 ± 0.20																		
			C4532X5R2J104M230KA		000101/500115 11/1001														
3216	1.60 ± 0.20				C3216X5R2A154K160AA														
				000051/5505151/00011	C3216X5R2A154M160A														
3225	2.00 ± 0.20																		
			0====\/====\/===	C3225X5R2E154M200AA															
5750	1.60 ± 0.20																		
			C5750X5R2J154M160KA		000101/50010011/1151														
3216	1.15 ± 0.15				C3216X5R2A224K115AA														
3225				0000575005004700044	C3216X5R2A224M115A														
	2.00 ± 0.20																		
			OE7E0VED0 1004I/000I/A	C3225X5R2E224M20UAA															
5750	2.30 ± 0.20																		
			U5/5UX5RZJZZ4WZ3UKA		C2010VED0A224V120A														
3216	1.30 ± 0.20				C3216X5R2A334K130AA														
				C4520VED0E224V220VA	C3216X5R2A334M130A														
4532	2.30 ± 0.20																		
				C4532X5H2E334W23UKA	C2010VED0A 474V100A														
3216	1.60 ± 0.20				C3216X5R2A474K160AA														
										-				C4520VED0E474V220VA	C3216X5R2A474M160AA				
4532	4532	4532	2.30 ± 0.20																
				C4552A5H2E474IVI25UNA	C2016VED2A694V160A														
3216	3216	3216	3216	3216	3216	3216	3216	3216	3216	3216	3216	3216	3216	3216	1.60 ± 0.20				C3216X5R2A684K160AA C3216X5R2A684M160AA
				C5750V5D2E694K220KA	C32 10/2012/4004/VI 100/A/														
5750	2.30 ± 0.20																		
3730 2.30				C373UA3HZE004IVIZ3UKA	C2016VED2A10EV160A														
3216	1.60 ± 0.20	-			C3216X5R2A105K160AA C3216X5R2A105M160AA														
				C5750V5D2E105K220KA	C32 10/2012A 103W 100A/														
5750	2.30 ± 0.20																		
				C375UASHZE TUSIWIZSUKA	C222EVED2A1EEV200AE														
3225	2.00 ± 0.20				C3225X5R2A155K200AE C3225X5R2A155M200AE														
					C3225X5R2A225K230AE														
3225	2.30 ± 0.20																		
					C3225X5R2A225M230Al														
5750	2.30 ± 0.20				C5750X5R2A335K230KA														
		± 20% ± 10%			C5750X5R2A335M230KA C5750X5R2A475K230KA														
					00100A0HZA410NZ3UNA														
	3225 2012 3216 4532 3216 3225 5750 3216 4532 3216 4532 3216 5750 3216 5750 3216 5750 3225	3216 1.60 ± 0.20 3225 2.00 ± 0.20 2012 0.85 ± 0.15 3216 1.60 ± 0.20 3225 2.00 ± 0.20 3216 1.60 ± 0.20 3216 1.60 ± 0.20 3216 1.60 ± 0.20 3225 2.00 ± 0.20 3225 2.00 ± 0.20 3750 1.60 ± 0.20 3225 2.00 ± 0.20 3750 2.30 ± 0.20 3216 1.30 ± 0.20 3216 1.30 ± 0.20 3216 1.60 ± 0.20 4532 2.30 ± 0.20 3216 1.60 ± 0.20 3225 2.30 ± 0.20 3216 1.60 ± 0.20 3225 2.30 ± 0.20 3226 2.30 ± 0.20 3227 2.30 ± 0.20 3228 2.30 ± 0.20	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	### 20% #### 20% #### 20% ### 20% ### 20% ### 20% ### 20% ### 20% ### 20% ### 20% ### 20% ### 20% ###	2012 1.25 ± 0.20														





Temperature Characteristics: X6S (-55 to +105°C, ±22%)

Capacitance	Size	Thickness	Capacitance	Catalog Number	
Сараспапсе	Size	(mm)	Tolerance	Rated Voltage Edc: 450V	
1 uF	1	5750 2.50 ± 0.30 ±	± 10%	C5750X6S2W105K250KA	
ιμг	3730	2.50 ± 0.50	± 20%	C5750X6S2W105M250KA	
2.2 uF	5750	2.50 + 0.30	± 10%	C5750X6S2W225K250KA	
2.2 µF	5/50	2.50 ± 0.30	± 20%	C5750X6S2W225M250KA	

Class 2 (Temperature Stable)

Temperature Characteristics: X7R (-55 to +125°C, ±15%)

Capacitance	Size	Thickness	Capacitance	Catalog Number		
		(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	
	1608	0.80 ± 0.10	± 10%			
			± 20%		00040VZD0E400V00E44	
1 nF	2012	0.85 ± 0.15	± 10%		C2012X7R2E102K085AA	
			± 20%	00010/77001100/11500	C2012X7R2E102M085AA	C2012X7R2A102M085AA
	3216	1.15 ± 0.15	± 10%	C3216X7R2J102K115AA		
			± 20%	C3216X7R2J102M115AA		0400077004450700044
	1608	0.80 ± 0.10	± 10%			
			± 20%		00040VZD0E4E0V00EAA	
1.5 nF	2012	0.85 ± 0.15	± 10%		C2012X7R2E152K085AA	
			± 20%	00010/75014501/14544	C2012X7R2E152M085AA	C2012X7R2A152M085AA
	3216	1.15 ± 0.15	± 10%	C3216X7R2J152K115AA		
			± 20%	C3216X7R2J152M115AA		0400077004000700044
	1608	0.80 ± 0.10	± 10%			
			± 20%		00010\/3D0E000\/00544	C1608X7R2A332K080AA C1608X7R2A332M080AA C1608X7R2A332M080AA AA C2012X7R2A332K085AA
2.2 nF	2012	0.85 ± 0.15	± 10%		C2012X7R2E222K085AA	C1608X7R2A102K080AA C2012X7R2A102M080AA AA C2012X7R2A102M085AA AA C2012X7R2A102M085AA C2012X7R2A102M085AA C1608X7R2A152K080AA C1608X7R2A152M080AA C2012X7R2A152M085AA AA C2012X7R2A152M085AA C1608X7R2A222K080AA C1608X7R2A222M080AA C1608X7R2A222M080AA C2012X7R2A222M085AA AA C2012X7R2A332K080AA C1608X7R2A332M080AA C1608X7R2A332M080AA C2012X7R2A332M085AA AC C2012X7R2A332M085AA C2012X7R2A472K080AA C1608X7R2A472K080AA C1608X7R2A472K080AA C1608X7R2A472K080AA C1608X7R2A472M085AA C2012X7R2A472M085AA C2012X7R2A682K080AA C1608X7R2A682K080AA C1608X7R2A682K080AA C2012X7R2A682M080AA C1608X7R2A682K080AA C1608X7R2A682K080AA C1608X7R2A682K080AA C1608X7R2A682K080AA C1608X7R2A682K080AA C1608X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M085AA AA AA
		± 20%		C2012X7R2E222M085AA	C2012X7R2A222M085AA	
	3216	1.15 ± 0.15	± 10%	C3216X7R2J222K115AA		
			± 20%	C3216X7R2J222M115AA		C1608X7R2A102K080AA C1608X7R2A102M080AA C2012X7R2A102M085AA C2012X7R2A102M085AA C2012X7R2A102M085AA C2012X7R2A152K080AA C1608X7R2A152M080AA C2012X7R2A152M085AA C2012X7R2A152M085AA C2012X7R2A222K080AA C1608X7R2A222M080AA C2012X7R2A222M080AA C2012X7R2A222M085AA C2012X7R2A222M085AA C2012X7R2A332K080AA C1608X7R2A332M080AA C2012X7R2A332M085AA C2012X7R2A332M085AA C2012X7R2A472K080AA C1608X7R2A472K080AA C1608X7R2A472M080AA C2012X7R2A472M080AA C2012X7R2A472M085AA C2012X7R2A472M085AA C2012X7R2A472M085AA C2012X7R2A472M085AA C2012X7R2A472M085AA C2012X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA C1608X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA C2012X7R2A682M080AA
	1608	0.80 ± 0.10	± 10%			
			± 20%			
3.3 nF	2012	0.85 ± 0.15				
			± 20%		C2012X7R2E332M085AA	C2012X7R2A332M085AA
	3216	1.15 ± 0.15	± 10%	C3216X7R2J332K115AA		
	02.0	0 = 00	± 20%	C3216X7R2J332M115AA		
	1608	0.80 ± 0.10	± 10%			
		0.00 = 0.10	± 20%			C1608X7R2A472M080AA
4.7 nF	2012	0.85 ± 0.15	± 10%		C2012X7R2E472K085AA	C2012X7R2A472K085AA
1.7 111	2012	0.00 ± 0.10	± 20%		C2012X7R2E472M085AA	C2012X7R2A472M085A
	3216	1.15 ± 0.15	± 10%	C3216X7R2J472K115AA		
	0210	1.10 ± 0.10	± 20%	C3216X7R2J472M115AA		
	1608	0.80 ± 0.10	± 10%			C1608X7R2A682K080AA
	1000	0.00 ± 0.10	± 20%			C1608X7R2A682M080AA
		0.85 ± 0.15	± 10%			C2012X7R2A682K085AA
6.8 nF	2012 -		± 20%			C2012X7R2A682M085AA
0.011	2012	1.25 ± 0.20	± 10%		C2012X7R2E682K125AA	
		1.25 ± 0.20	± 20%		C2012X7R2E682M125AA	
	2010	1 15 . 0 15	± 10%	C3216X7R2J682K115AA		
	3216	1.15 ± 0.15	± 20%	C3216X7R2J682M115AA		
	1000	0.00 0.10	± 10%			C1608X7R2A103K080AA
	1608	0.80 ± 0.10	± 20%			C1608X7R2A103M080AA
		0.05 0.15	± 10%			C2012X7R2A103K085AA
40 =	00:0	0.85 ± 0.15	± 20%			
10 nF	2012 -		± 10%		C2012X7R2E103K125AA	
		1.25 ± 0.20	± 20%		C2012X7R2E103M125AA	
			± 10%	C3216X7R2J103K115AA		
	3216	1.15 ± 0.15	± 20%	C3216X7R2J103M115AA		





Temperature Characteristics: X7R (-55 to +125°C, ±15%)

Capacitance	Size	Thickness	Capacitance	Catalog Number			
о арабиано б	0.20	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V		
	1608	0.80 ± 0.10	± 10%				
		0.00 = 0.10	± 20%				
	2012	1.25 ± 0.20	± 10%		C2012X7R2E153K125AA		
15 nF			± 20%		C2012X7R2E153M125AA	C2012X7R2A153M125A	
		1.15 ± 0.15	± 10%		C3216X7R2E153K115AA		
	3216	1.10 ± 0.10	± 20%		C3216X7R2E153M115AA		
	02.0	1.30 ± 0.20	± 10%	C3216X7R2J153K130AA			
		1.00 = 0.20	± 20%	C3216X7R2J153M130AA			
	1608	0.80 ± 0.10	± 10%				
			± 20%				
	2012	1.25 ± 0.20	± 10%		C2012X7R2E223K125AA		
22 nF			± 20%		C2012X7R2E223M125AA	C2012X7R2A223M125A	
		1.15 ± 0.15	± 10%		C3216X7R2E223K115AA		
	3216		± 20%		C3216X7R2E223M115AA		
		1.30 ± 0.20	± 10%	C3216X7R2J223K130AA		C1608X7R2A153M080AA C2012X7R2A153M125AA C2012X7R2A153M125AA C2012X7R2A223M080AA C1608X7R2A223M080AA C1608X7R2A223M125AA C2012X7R2A223M125AA C2012X7R2A333K125AA C3216X7R2A333M115AA C3216X7R2A473M115AA C3216X7R2A683M160AA C3216X7R2A104M160AA C3216X7R2A104M160AA C3216X7R2A104M160AA C3216X7R2A154M160AA C3216X7R2A154M160AA C3216X7R2A154M160AA C3216X7R2A154M160AA C3216X7R2A154M160AA C3216X7R2A154M160AA	
			± 20%	C3216X7R2J223M130AA			
	2012	1.25 ± 0.20	± 10%				
			± 20%				
33 nF		1.15 ± 0.15	± 10%			C1608X7R2A153K080AA C1608X7R2A153M080AA C2012X7R2A153M125AA C2012X7R2A153M125AA C2012X7R2A223K080AA C1608X7R2A223M080AA C1608X7R2A223M125AA C2012X7R2A223M125AA C2012X7R2A333K125AA C2012X7R2A333K125AA C3216X7R2A333K115AA C3216X7R2A473K115AA C3216X7R2A473K115AA C3216X7R2A473K115AA C3216X7R2A473K115AA C3216X7R2A683K085AA C2012X7R2A683K085AA C2012X7R2A683K085AA C3216X7R2A683K160AA C3216X7R2A683K160AA C3216X7R2A104K125AA C3216X7R2A104K125AA C3216X7R2A104K125AA C3216X7R2A104K125AA C3216X7R2A104K125AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA C3216X7R2A104K160AA	
00 111	3216	= 0	± 20%				
	02.0	1.60 ± 0.20	± 10%	C3216X7R2J333K160AA	C3216X7R2E333K160AA		
		1.00 = 0.20	± 20%	± 10%			
	2012	1.25 ± 0.20	± 10%				
		1.20 ± 0.20	± 20% C2012X7R2 + 10% C3216X7R2				
		1.15 ± 0.15) 15 ———————————————————————————————————				
47 nF	3216 —		± 20%			C3216X7R2A473M115A	
17 111	0210	1.60 ± 0.20	± 10%		C3216X7R2E473K160AA		
			± 20%		C3216X7R2E473M160AA		
	3225	2.00 ± 0.20	± 10%	C3225X7R2J473K200AA			
	0220	2.00 2 0.20	± 20%	C3225X7R2J473M200AA			
	2012	0.85 ± 0.15	± 10%				
		0.00 ± 0.10	± 20%				
	3216	1.60 ± 0.20	± 10%		C3216X7R2E683K160AA		
68 nF	02.0		± 20%		C3216X7R2E683M160AA	C3216X7R2A683M160A	
	3225	2.00 ± 0.20	± 10%	C3225X7R2J683K200AA			
			± 20%	C3225X7R2J683M200AA			
	4532	1.60 ± 0.20	± 10%	C4532X7R2J683K160KA			
			± 20%	C4532X7R2J683M160KA			
	2012	1.25 ± 0.20	± 10%				
				± 20%			
	3216	1.60 ± 0.20	± 10%		C3216X7R2E104K160AA		
100 nF			± 20%		C3216X7R2E104M160AA	C3216X7R2A104M160A	
	3225	2.00 ± 0.20	± 10%		C3225X7R2E104K200AA		
			± 20%		C3225X7R2E104M200AA		
	4532	2.30 ± 0.20	± 10%	C4532X7R2J104K230KA			
			± 20%	C4532X7R2J104M230KA			
	3216	1.60 ± 0.20	± 10%				
			± 20%			C3216X7R2A154M160A	
	3225	2.00 ± 0.20	± 10%		C3225X7R2E154K200AA		
150 nF			± 20%		C3225X7R2E154M200AA		
1100	4532	1.60 ± 0.20	± 10%		C4532X7R2E154K160KA		
		= 0.20	± 20%		C4532X7R2E154M160KA		
	5750	1.60 ± 0.20	± 10%	C5750X7R2J154K160KA			
	2.00	10.20	± 20%	C5750X7R2J154M160KA			
	3216	1.15 ± 0.15	± 10%			C3216X7R2A224K115A	
220 nF	UL 10	1.10 ± 0.10	± 20%			C3216X7R2A224M115A	
220111	3225	2.00 ± 0.20	± 10%		C3225X7R2E224K200AA		
	0220	2.00 ± 0.20	± 20%		C3225X7R2E224M200AA		





Temperature Characteristics: X7R (-55 to +125°C, ±15%)

Capacitance	Size	Thickness	Capacitance	Catalog Number				
Оараспанос	OIZO	(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100\		
	4532	2.30 ± 0.20	± 10%		C4532X7R2E224K230KA			
220 nF	1002	2.00 ± 0.20	± 20%		C4532X7R2E224M230KA			
	5750	2.30 ± 0.20	± 10%	C5750X7R2J224K230KA				
		2.00 2 0.20	± 20%	C5750X7R2J224M230KA				
	3216	1.30 ± 0.20	± 10%			C3216X7R2A334K130AA		
		1.00 ± 0.20	± 20%			C3216X7R2A334M130AA		
	3225	2.00 ± 0.20	± 10%			C3225X7R2A334K200A		
330 nF		2.00 ± 0.20	± 20%			C3225X7R2A334M200A		
000 111	4532	2.30 ± 0.20	± 10%		C4532X7R2E334K230KA			
		2.00 2 0.20	± 20%		C4532X7R2E334M230KA			
	5750	1.60 ± 0.20	± 10%		C5750X7R2E334K160KA			
	0100	1.00 ± 0.20	± 20%		C5750X7R2E334M160KA			
	3216	1.60 ± 0.20	± 10%			C3216X7R2A474K160A		
		1.00 ± 0.20	± 20%			C3216X7R2A474M160A		
	3225	2.00 ± 0.20	± 10%			C3225X7R2A474K200A		
470 nF	0220	2.00 ± 0.20	± 20%			C3225X7R2A474M200A		
170111	4532	2.30 ± 0.20	± 10%		C4532X7R2E474K230KA			
		2.00 ± 0.20	± 20%		C4532X7R2E474M230KA			
	5750	2 30 + 0 20	± 10%		C5750X7R2E474K230KA			
	0700	2.30 ± 0.20	± 20%		C5750X7R2E474M230KA			
	3216	1.60 ± 0.20	± 10%			C3216X7R2A684K160A		
	5210	1.00 ± 0.20	± 20%			C3216X7R2A684M160A		
	3225	1.60 ± 0.20	± 10%			C3225X7R2A684K160A		
		2 0.20	± 20%			C3225X7R2A684M160A		
680 nF	4532	2.30 ± 0.20	± 10%			C4532X7R2A684K230K		
000111			± 20%			C4532X7R2A684M230K		
		1.60 ± 0.20	± 10%			C5750X7R2A684K160K		
	5750	2 0.20	± 20%		C5750X7R2A684M160K			
		2.30 ± 0.20	± 10%		C5750X7R2E684K230KA			
		2.00 2 0.20	± 20%		C5750X7R2E684M230KA			
	3216	1.60 ± 0.20	± 10%			C3216X7R2A105K160A		
	3210		± 20%			C3216X7R2A105M160A		
	3225	5 2.00 ± 0.20	± 10%			C3225X7R2A105K200A		
1 μF			± 20%			C3225X7R2A105M200A		
r	4532	2.30 ± 0.20	± 10%			C4532X7R2A105K230K		
			± 20%			C4532X7R2A105M230K		
	5750	5750	5750	2.30 ± 0.20	± 10%		C5750X7R2E105K230KA	C5750X7R2A105K230K/
					± 20%		C5750X7R2E105M230KA	C5750X7R2A105M230K
	3225	2.00 ± 0.20	± 10%			C3225X7R2A155K200AI		
			± 20%			C3225X7R2A155M200Al		
1.5 µF	4532	2.30 ± 0.20	± 10%			C4532X7R2A155K230K/		
- 1			± 20%			C4532X7R2A155M230K/		
	5750	2.30 ± 0.20	± 10%			C5750X7R2A155K230K/		
			± 20%			C5750X7R2A155M230K		
	3225	2.30 ± 0.20	± 10%			C3225X7R2A225K230Al		
2.2 µF			± 20%			C3225X7R2A225M230A		
	4532	2.30 ± 0.20	± 10%			C4532X7R2A225K230K		
pri		2.00 ± 0.20	± 20%			C4532X7R2A225M230K		
	5750	2.30 ± 0.20	± 10%			C5750X7R2A225K230K		
	0,00	2.00 ± 0.20	± 20%			C5750X7R2A225M230K		
3.3 µF	5750	2.30 ± 0.20	± 10%			C5750X7R2A335K230K		
ο.ο μι	3130	2.50 ± 0.20	± 20%			C5750X7R2A335M230K		
4.7 µF	5750	2.30 ± 0.20	± 10%		<u> </u>	C5750X7R2A475K230K		
4.7 µF	5750	2.30 ± 0.20	± 20%			C5750X7R2A475M230KA		





Temperature Characteristics: X7S (-55 to +125°C, ±22%)

Capacitance	Size	Thickness	Capacitance	Catalog Number	B : 11/16 = 1 25-11	B / 17/1/ = 1 ::::
		(mm)	Tolerance	Rated Voltage Edc: 630V	Rated Voltage Edc: 250V	Rated Voltage Edc: 100
1 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A102K050B
			± 20%			C1005X7S2A102M050B
1.5 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A152K050B
			± 20%			C1005X7S2A152M050B
2.2 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A222K050B
			± 20%			C1005X7S2A222M050B
3.3 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A332K050B
			± 20%			C1005X7S2A332M050B
4.7 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A472K050B
			± 20%			C1005X7S2A472M050B
6.8 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A682K050B
			± 20%			C1005X7S2A682M050B
10 nF	1005	0.50 ± 0.05	± 10%			C1005X7S2A103K050B
			± 20%			C1005X7S2A103M050B
33 nF	1608	0.80 ± 0.10	± 10%			C1608X7S2A333K080A
			± 20%			C1608X7S2A333M080A
47 nF	1608	0.80 ± 0.10	± 10%			C1608X7S2A473K080A
		0.00 = 0.10	± 20%			C1608X7S2A473M080A
68 nF	1608	0.80 ± 0.10	± 10%			C1608X7S2A683K080A
00 111	1000	0.00 ± 0.10	± 20%			C1608X7S2A683M080A
100 nF	1608	0.80 ± 0.10	± 10%			C1608X7S2A104K080A
100 111	1000	0.00 ± 0.10	± 20%			C1608X7S2A104M080A
150 nF	2012	0.85 ± 0.15	± 10%			C2012X7S2A154K085A
100 111	2012	0.00 ± 0.10	± 20%			C2012X7S2A154M085A
220 nF	2012	012 0.85 ± 0.15	± 10%			C2012X7S2A224K085A
220111	LOIL	0.00 ± 0.10	± 20%			C2012X7S2A224M085A
330 nF	2012	1.25 ± 0.20	± 10%			C2012X7S2A334K125A
000 111	2012	1.20 ± 0.20	± 20%			C2012X7S2A334M125A
470 nF	2012	1.25 ± 0.20	± 10%			C2012X7S2A474K125A
17 0 111	2012	1.20 ± 0.20	± 20%			C2012X7S2A474M125A
680 nF	2012	1.25 ± 0.20	± 10%			C2012X7S2A684K125A
000111	LOIL	1.20 ± 0.20	± 20%			C2012X7S2A684M125A
1 μF	2012	1.25 ± 0.20	± 10%			C2012X7S2A105K125A
Ιμι	2012	1.20 ± 0.20	± 20%			C2012X7S2A105M125A
1.5 µF	3216	1.60 ± 0.20	± 10%			C3216X7S2A155K160A
1.0 μι	0210	1.00 ± 0.20	± 20%			C3216X7S2A155M160A
2.2 µF	3216	1.60 ± 0.20	± 10%			C3216X7S2A225K160A
Ζ.Ζ μι	3210	1.00 ± 0.20	± 20%			C3216X7S2A225M160A
	3216	1.60 ± 0.20	± 10%			C3216X7S2A335K160A
	32 10	1.00 ± 0.20	± 20%			C3216X7S2A335M160A
3.3 µF	3225	2.00 ± 0.20	± 10%			C3225X7S2A335K200A
3.5 μι	3223	2.00 ± 0.20	± 20%			C3225X7S2A335M200A
·	4520	2.00 . 0.20	± 10%			C4532X7S2A335K200K
	4532	2.00 ± 0.20	± 20%			C4532X7S2A335M200K
	2005	0.00 . 0.00	± 10%			C3225X7S2A475K200A
47 vE	3225	2.00 ± 0.20	± 20%			C3225X7S2A475M200A
4.7 μF	4500	0.20 - 0.00	± 10%			C4532X7S2A475K230K
	4532	2.30 ± 0.20	± 20%			C4532X7S2A475M230k
C 0 .: F	F750	0.00 0.00	± 10%			C5750X7S2A685K200K
6.8 µF	5750	2.00 ± 0.20	± 20%			C5750X7S2A685M200k
40=	F750	0.00 0.00	± 10%			C5750X7S2A106K230K
10 μF	5750	2.30 ± 0.20	± 20%			C5750X7S2A106M230K
15 μF	5750	2.50 ± 0.30	± 20%			C5750X7S2A156M250K





Class 2 (Temperature Stable)

Temperature Characteristics: X7T (-55 to +125°C, +22/-33%)

Capacitance	Size	Thickness (mm)	Capacitance Tolerance	Catalog Number	Deted \/-!! E ! 450''	Detect Value of Ed. 05011	Dated 1/-11 E. 1 . 05011
<u>'</u>		(mm)	± 10%	Rated Voltage Edc: 630V	Rated Voltage Edc: 450V C2012X7T2W103K085AA	Rated Voltage Edc: 350V C2012X7T2V103K085AA	Rated Voltage Edc: 250V
	2012	0.85 ± 0.15	± 10% ± 20%		C2012X7T2W103K085AA	C2012X7T2V103K085AA	
10 nF			± 10%	C3216X7T2J103K085AC	02012X112W100W0007V1	02012X112V100W10007V1	
	3216	0.85 ± 0.15	± 20%	C3216X7T2J103M085AC			
	0040	0.05 0.45	± 10%		C2012X7T2W153K085AA	C2012X7T2V153K085AA	
15 nF -	2012	0.85 ± 0.15	± 20%		C2012X7T2W153M085AA	C2012X7T2V153M085AA	
1511	3216	0.85 ± 0.15	± 10%	C3216X7T2J153K085AC			
	3210	0.00 ± 0.10	± 20%	C3216X7T2J153M085AC			
	2012	1.25 ± 0.20	± 10%		C2012X7T2W223K125AA	C2012X7T2V223K125AA	
22 nF			± 20%		C2012X7T2W223M125AA	C2012X7T2V223M125AA	
	3216	1.15 ± 0.15	± 10%	C3216X7T2J223K115AC			
			± 20% ± 10%	C3216X7T2J223M115AC	C2012X7T2W333K125AA	C2012X7T2V333K125AA	C2012X7T2E333K125AA
	2012	1.25 ± 0.20	± 20%		C2012X7T2W333M125AA	C2012X7T2V333M125AA	C2012X7T2E333M125AA
33 nF			± 10%	C3216X7T2J333K115AC	GZG1ZX71ZWGGGW1ZGXX	02012X112V000W1120AA	02012X112L000W120AF
	3216	1.15 ± 0.15	± 20%	C3216X7T2J333M115AC			
			± 10%		C2012X7T2W473K125AA	C2012X7T2V473K125AA	C2012X7T2E473K125AA
47 5	2012	1.25 ± 0.20	± 20%		C2012X7T2W473M125AA	C2012X7T2V473M125AA	C2012X7T2E473M125AA
47 nF	3216	1.60 ± 0.20	± 10%	C3216X7T2J473K160AC			
	3210	1.00 ± 0.20	± 20%	C3216X7T2J473M160AC			
	2012	1.25 ± 0.20	± 10%				C2012X7T2E683K125AA
68 nF		1.20 ± 0.20	± 20%				C2012X7T2E683M125AA
	3216	1.30 ± 0.20	± 10%		C3216X7T2W683K130AA	C3216X7T2V683K130AA	
			± 20%		C3216X7T2W683M130AA	C3216X7T2V683M130AA	0004077705404740544
	2012	1.25 ± 0.20	± 10% ± 20%				C2012X7T2E104K125AA C2012X7T2E104M125AA
			± 20% ± 10%		C3216X7T2W104K160AA	C3216X7T2V104K160AA	G2012A712E104W1123AP
100 nF	3216	1.60 ± 0.20	± 20%		C3216X7T2W104M160AA	C3216X7T2V104K160AA	
			± 10%	C3225X7T2J104K160AC	0021070120101010070	00210/11/21/10 11/1/00/11	
	3225	1.60 ± 0.20	± 20%	C3225X7T2J104M160AC			
	0040	1.00 0.00	± 10%				C3216X7T2E154K130AA
	3216	1.30 ± 0.20	± 20%				C3216X7T2E154M130AA
150 nF	3225	2.00 ± 0.20	± 10%	C3225X7T2J154K200AC			
130 111	3223	2.00 ± 0.20	± 20%	C3225X7T2J154M200AC			
	4532	1.60 ± 0.20	± 10%	C4532X7T2J154K160KC			
			± 20%	C4532X7T2J154M160KC			000101/2705001/1001
	3216	1.60 ± 0.20	± 10%				C3216X7T2E224K160AA
			± 20% ± 10%		C3225X7T2W224K200AA		C3216X7T2E224M160AA
220 nF	3225	2.00 ± 0.20	± 20%		C3225X7T2W224M200AA		
			± 10%	C4532X7T2J224K200KC	GOZZONI IZWZZ4WIZOONA		
	4532	2.00 ± 0.20	± 20%	C4532X7T2J224M200KC			
000 5	4500	0.00	± 10%	C4532X7T2J304K250KA			
300 nF	4532	2.00 ± 0.20	± 20%	C4532X7T2J304M250KA			
	3225	2.00 ± 0.20	± 10%				C3225X7T2E334K200AA
	3223	2.00 ± 0.20	± 20%				C3225X7T2E334M200AA
330 nF	4532	1.60 ± 0.20	± 10%		C4532X7T2W334K160KA		
			± 20%	0.0000000000000000000000000000000000000	C4532X7T2W334M160KA		
	5750	2.00 ± 0.20	± 10%	C5750X7T2J334K200KC			
			± 20%	C5750X7T2J334M200KC	C4F20V7T0\\\474\\020\\		
	4532	2.30 ± 0.20	± 10%		C4532X7T2W474K230KA		
470 nF			± 20% ± 10%	C5750X7T2J474K250KC	C4532X7T2W474M230KA		
	5750	2.50 ± 0.30	± 20%	C5750X7T2J474M250KC			
			± 10%	00700//1720474W20010			C4532X7T2E684K160KA
	4532	1.60 ± 0.20	± 20%				C4532X7T2E684M160KA
680 nF			± 10%		C5750X7T2W684K200KA		
	5750	2.00 ± 0.20	± 20%		C5750X7T2W684M200KA		
	4520	2.50 . 0.20	± 10%				C4532X7T2E105K250KA
1⊏	4532	2.50 ± 0.30	± 20%				C4532X7T2E105M250KA
1 μF	5750	2.50 ± 0.30	± 10%	· · · · · · · · · · · · · · · · · · ·	C5750X7T2W105K250KA	<u> </u>	
	0100	∠.50 ± 0.50	± 20%		C5750X7T2W105M250KA		
1.5 µF	5750	2.00 ± 0.20	± 10%				C5750X7T2E155K200KA
рі		2.00 ± 0.20	± 20%				C5750X7T2E155M200KA
2.2 µF	5750	2.50 ± 0.30	± 10%				C5750X7T2E225K250KA
			± 20%				C5750X7T2E225M250KA