

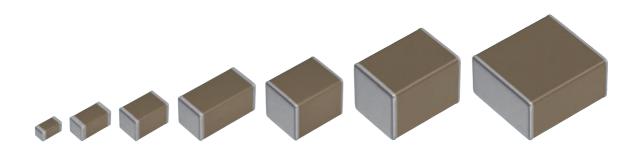
MULTILAYER CERAMIC CHIP CAPACITORS

Commercial grade, mid voltage (100 to 630V)

C series

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

^{*} Dimensions code: JIS[EIA]





REMINDERS FOR USING THESE PRODUCTS

Before using these products, be sure to request the delivery specifications.

SAFETY REMINDERS

Please pay sufficient attention to the warnings for safe designing when using this products.



REMINDERS

1. The products listed on this catalog are intended for use in general electronic equipment (AV equipment, telecommunications equipment, home appliances, amusement equipment, computer equipment, personal equipment, office equipment, measurement equipment, industrial robots) under a normal operation and use condition.

The products are not designed or warranted to meet the requirements of the applications listed below, whose performance and/or quality require a more stringent level of safety or reliability, or whose failure, malfunction or trouble could cause serious damage to society, person or property.

If you intend to use the products in the applications listed below or if you have special requirements exceeding the range or conditions set forth in the each catalog, please contact us.

- (1) Aerospace/aviation equipment
- (2) Transportation equipment (cars, electric trains, ships, etc.)
- (3) Medical equipment (excepting Pharmaceutical Affairs Law classification Class1.2)
- (4) Power-generation control equipment
- (5) Atomic energy-related equipment
- (6) Seabed equipment
- (7) Transportation control equipment

- (8) Public information-processing equipment
- (9) Military equipment
- (10) Electric heating apparatus, burning equipment
- (11) Disaster prevention/crime prevention equipment
- (12) Safety equipment
- (13) Other applications that are not considered general-purpose applications

When designing your equipment even for general-purpose applications, you are kindly requested to take into consideration securing protection circuit/device or providing backup circuits in your equipment.

- 2. We may modify products or discontinue production of a product listed in this catalog without prior notification.
- 3. We provide "Delivery Specification" that explain precautions for the specifications and safety of each product listed in this catalog. We strongly recommend that you exchange these delivery specifications with customers that use one of these products.
- 4. If you plan to export a product listed in this catalog, keep in mind that it may be a restricted item according to the "Foreign Exchange and Foreign Trade Control Law". In such cases, it is necessary to acquire export permission in harmony with this law.
- 5. Any reproduction or transferring of the contents of this catalog is prohibited without prior permission from our company.
- 6. We are not responsible for problems that occur related to the intellectual property rights or other rights of our company or a third party when you use a product listed in this catalog. We do not grant license of these rights.
- 7. This catalog only applies to products purchased through our company or one of our company's official agencies. This catalog does not apply to products that are purchased through other third parties.

Notice: Effective January 2013, TDK will use a new catalog number which adds product thickness and packaging specification detail. This new catalog number should be referenced on all catalog orders going forward, and is not applicable for OEM part number orders.

Please be aware the last five digits of the catalog number will differ from the item description (internal control number) on the

Contact your local TDK Sales representative for more information.

(Example)

Catalog issued date	Catalog number	Item description (on delivery label)
Prior to January 2013	C1608C0G1E103J(080AA)	C1608C0G1E103JT000N
January 2013 and later	C1608C0G1E103J080AA	C1608C0G1E103JT000N



C series

Mid voltage (100 to 630V)

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

RoHS







SERIES OVERVIEW

Middle voltage C series, commercial grade of TDK's multilayer ceramic chip capacitor, is a product having a high withstanding voltage characteristic. The lineup is voltage rating of 100V to 630V with capacitance range up to 22µF.

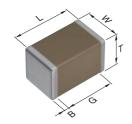
FEATURES

- Voltage rating of 100V, 250V, 350V, 450V and 630V
- COG type having excellent stable temperature and DC-bias characteristics is also available

APPLICATIONS

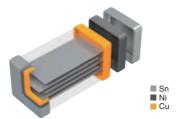
- Decoupling, smoothing, snubber and resonant circuits of high voltage circuits
- Wireless charging units, DC-DC converter, Inverter

SHAPE & DIMENSIONS



L	Body length
W	Body width
Т	Body height
В	Terminal width
G	Terminal spacing

■ PRODUCT STRUCTURE



The structure which multiple sheets of dielectric and conductive material are layered alternately. The superior mechanical strength and reliability are realized by the monolithic and simple structure.

Dimensions in mm

Туре	L	W	Т	В	G
C1005	1.00±0.05	0.50±0.05	0.50±0.05	0.10 min.	0.30 min.
C1608	1.60±0.10	0.80±0.10	0.80±0.10	0.20 min.	0.30 min.
C2012	2.00±0.20	1.25±0.20	1.25±0.20	0.20 min.	0.50 min.
C3216	3.20±0.20	1.60±0.20	1.60±0.20	0.20 min.	1.00 min.
C3225	3.20±0.40	2.50±0.30	2.50±0.30	0.20 min.	_
C4532	4.50±0.40	3.20±0.40	3.20±0.30	0.20 min.	_
C5750	5.70±0.40	5.00±0.40	2.80±0.30	0.20 min.	_

^{*}Dimensional tolerances are typical values.

MULTILAYER CERAMIC CHIP CAPACITORS



CATALOG NUMBER CONSTRUCTION

С	5750	X7S	2A	226	M	280	K	В	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	

(1) Series

(2) Dimensions L x W (mm)

Code	EIA	Length	Width	Terminal width
1005	CC0402	1.00	0.50	0.10
1608	CC0603	1.60	0.80	0.20
2012	CC0805	2.00	1.25	0.20
3216	CC1206	3.20	1.60	0.20
3225	CC1210	3.20	2.50	0.20
4532	CC1812	4.50	3.20	0.20
5750	CC2220	5.70	5.00	0.20

(3) 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℃
JB	±10%	–25 to +85°C
X5R	±15%	–55 to +85°C
X6S	±22%	–55 to +105°C
X7R	±15%	–55 to +125℃
X7S	±22%	–55 to +125℃
X7T	+22,-33%	–55 to +125°C

(4) Rated voltage (DC)

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

(5) 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.

(Example)0R5 = 0.5pF 101 = 100pF $225 = 2,200,000pF = 2.2\mu F$

(6) Capacitance tolerance

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

(7) Thickness

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

(8) Packaging style

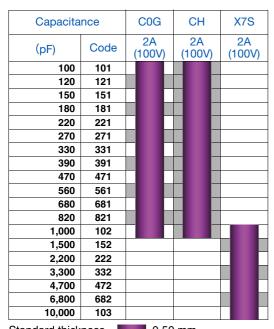
Code	Style	
A	178mm reel, 4mm pitch	
В	178mm reel, 2mm pitch	
K	178mm reel, 8mm pitch	

(9) Special reserved code

Code	Description	
ABCN	TDK internal code	



C1005 [0402 inch]

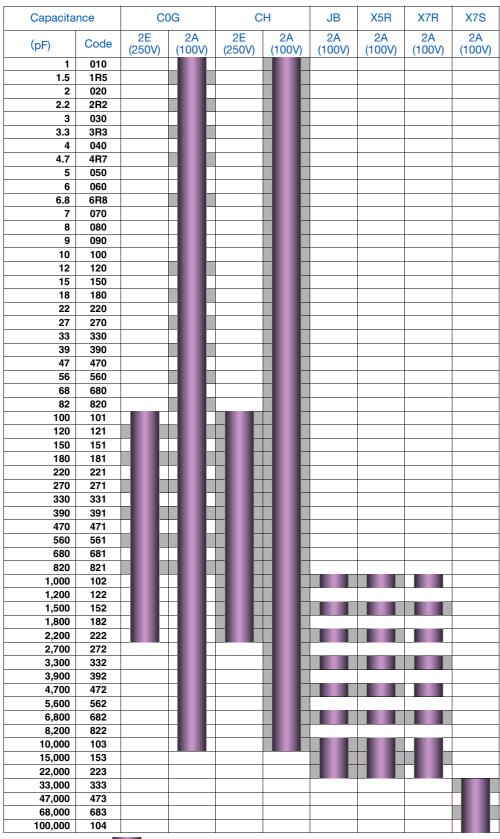


Standard thickness 0.50 mm

[■] For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



C1608 [0603 inch]



Standard thickness

0.8 mm

Background gray: These products are not recommended for new designs.

For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



C2012 [0805 inch]

Capacita	nce		COG			СН		J	В	X	5R	X	'R
(pF)	Code	2W (450V)	2E (250V)	2A (100V)	2W (450V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)	2E (250V)	2A (100V)
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												
8,200	822												
10,000	103									-			
15,000	153												
22,000	223 333												
33,000													
47,000	473 683												
68,000	104												
100,000	104												

Capacita	nce	X7	S	X7T				
(pF)	Code	(100		2W (450\	/)	2V (350V))	2E (250V)
10,000	103							
15,000	153							
22,000	223							
33,000	333							
47,000	473							
68,000	683							
100,000	104							
150,000	154							
220,000	224							
330,000	334							
470,000	474							·
680,000	684							
1,000,000	105							

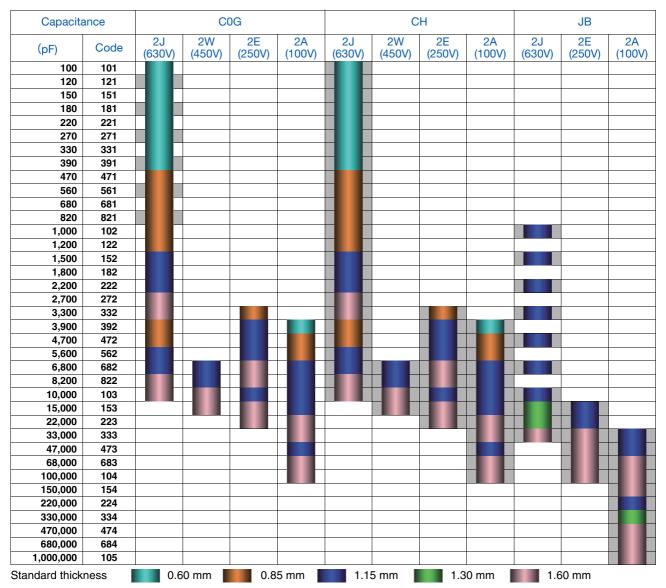
Background gray: These products are not recommended for new designs.

1.25 mm

[■]For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



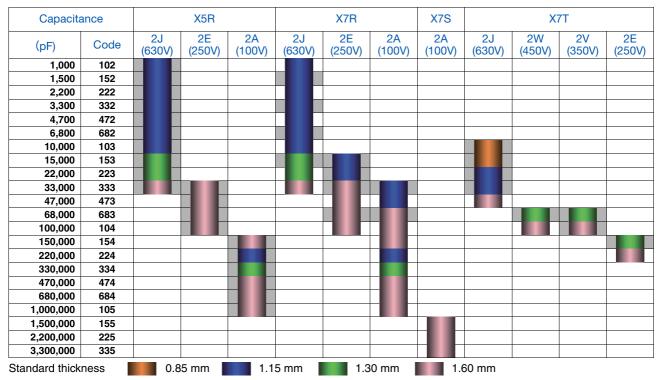
C3216 [1206 inch]



[■]For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



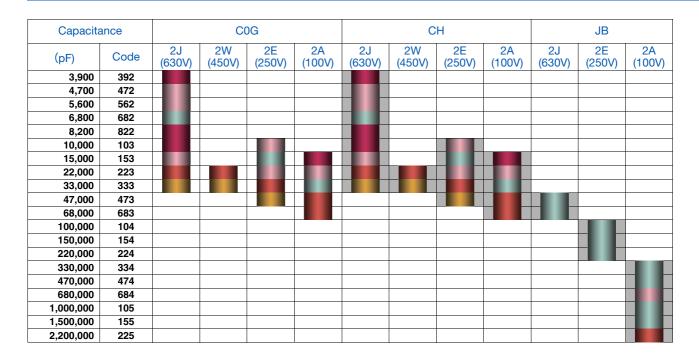
C3216 [1206 inch]

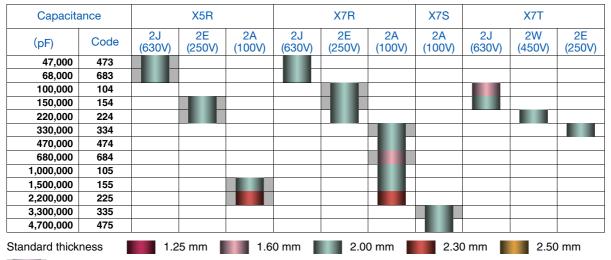


[■]For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



C3225 [1210 inch]

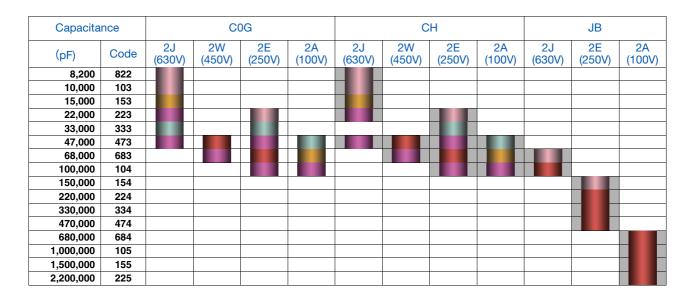




For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



C4532 [1812 inch]



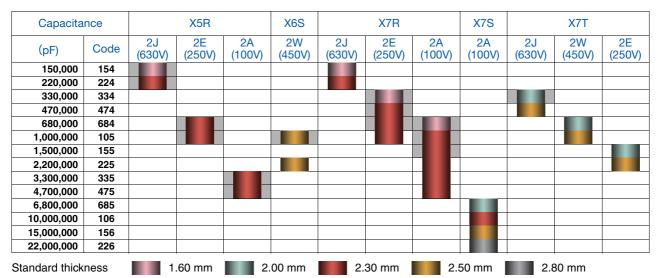
Capacitance		X	5R		X7R		X7S		X7T	
(pF)	Code	2J (630V)	2E (250V)	2J (630V)	2E (250V)	2A (100V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)
68,000	683									
100,000	104									
150,000	154									
220,000	224									
300,000	304									
330,000	334									
470,000	474									
680,000	684									
1,000,000	105									
1,500,000	155									
2,200,000	225									
3,300,000	335									
4,700,000	475									

[■]For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



C5750 [2220 inch]

Capacita	nce		C)G			С	Н			JB	
(pF)	Code	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)
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											



[■]For details such as the catalog numbers, please refer to the capacitance range table on page 13 and after.



Capacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
1pF	1608	0.80±0.10	±0.25pF				C1608C0G2A010C080AA
1.5pF	1608	0.80±0.10	±0.25pF				C1608C0G2A1R5C080AA
2pF	1608	0.80±0.10	±0.25pF				C1608C0G2A020C080AA
2.2pF	1608	0.80±0.10	±0.25pF				C1608C0G2A2R2C080AA
3pF	1608	0.80±0.10	±0.25pF				C1608C0G2A030C080AA
3.3pF	1608	0.80±0.10	±0.25pF				C1608C0G2A3R3C080AA
4pF	1608	0.80±0.10	±0.25pF				C1608C0G2A040C080AA
4.7pF	1608	0.80±0.10	±0.25pF				C1608C0G2A4R7C080AA
5pF 6pF	1608 1608	0.80±0.10	±0.25pF ±0.50pF				C1608C0G2A050C080AA
6.8pF	1608	0.80±0.10 0.80±0.10	±0.50pF				C1608C0G2A060D080AA C1608C0G2A6R8D080AA
7pF	1608	0.80±0.10	±0.50pF				C1608C0G2A070D080AA
8pF	1608	0.80±0.10	±0.50pF				C1608C0G2A070D080AA
9pF	1608	0.80±0.10	±0.50pF				C1608C0G2A090D080AA
10pF	1608	0.80±0.10	±0.50pF				C1608C0G2A100D080AA
12pF	1608	0.80±0.10	±5%				C1608C0G2A120J080AA
15pF	1608	0.80±0.10	±5%				C1608C0G2A150J080AA
18pF	1608	0.80±0.10	±5%				C1608C0G2A180J080AA
22pF	1608	0.80±0.10	±5%				C1608C0G2A220J080AA
27pF	1608	0.80±0.10	±5%				C1608C0G2A270J080AA
33pF	1608	0.80±0.10	±5%				C1608C0G2A330J080AA
39pF	1608	0.80±0.10	±5%				C1608C0G2A390J080AA
47pF	1608	0.80±0.10	±5%				C1608C0G2A470J080AA
56pF	1608	0.80±0.10	±5%				C1608C0G2A560J080AA
68pF	1608	0.80±0.10	±5%				C1608C0G2A680J080AA
82pF	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
100nE	1000	0.80±0.10	±2%				C1608C0G2A101G080AA
100pF			±1%				C1608C0G2A101F080AA
	2012	0.60±0.15	±10%		C2012C0G2W101K060AA		
	2012	0.00±0.15	±5%		C2012C0G2W101J060AA		
	3216	0.60±0.15	±10%	C3216C0G2J101K060AA			
	02.0		±5%	C3216C0G2J101J060AA			
	1005	0.50±0.05	±10%				C1005C0G2A121K050BA
			±5%				C1005C0G2A121J050BA
	1608	0.80±0.10	±10%			C1608C0G2E121K080AA	C1608C0G2A121K080AA
120pF			±5%		000100000000111011100011	C1608C0G2E121J080AA	C1608C0G2A121J080AA
•	2012	0.60±0.15	±10%		C2012C0G2W121K060AA		
-			±5%	C3216C0G2J121K060AA	C2012C0G2W121J060AA		
	3216	0.60±0.15	±10%	C3216C0G2J121K060AA			
			±5% ±10%	C3210C0G231213000AA			C1005C0G2A151K050BA
	1005	0.50±0.05	±10%				C1005C0G2A151J050BA
-			±10%			C1608C0G2E151K080AA	C1608C0G2A151K080AA
	1608	0.80±0.10	±10%			C1608C0G2E151J080AA	C1608C0G2A151J080AA
150pF			±10%		C2012C0G2W151K060AA	5.00000ALE101000AA	3.00000AA
	2012	0.60±0.15	±10%		C2012C0G2W151J060AA		
			±10%	C3216C0G2J151K060AA			
	3216	0.60±0.15	±5%	C3216C0G2J151J060AA			
			±10%				C1005C0G2A181K050BA
	1005	0.50±0.05	±5%				C1005C0G2A181J050BA
•			±10%			C1608C0G2E181K080AA	C1608C0G2A181K080AA
	1608	0.80±0.10	±5%			C1608C0G2E181J080AA	C1608C0G2A181J080AA
180pF	0045	0.00 - :-	±10%		C2012C0G2W181K060AA		
	2012	0.60±0.15	±5%		C2012C0G2W181J060AA		
-	2010	0.00:0.15	±10%	C3216C0G2J181K060AA			
	3216	0.60±0.15	±5%	C3216C0G2J181J060AA			
	1005	0.50.005	±10%				C1005C0G2A221K050BA
	1005	0.50±0.05	±5%				C1005C0G2A221J050BA
-	1000	0.00.0.10	±10%			C1608C0G2E221K080AA	C1608C0G2A221K080AA
0005	1608	0.80±0.10	±5%			C1608C0G2E221J080AA	C1608C0G2A221J080AA
220pF -	2212	0.60±0.15	±10%		C2012C0G2W221K060AA		
•							
	2012	0.00±0.13	±5%		C2012C0G2W221J060AA		
	3216	0.60±0.15	±5% ±10%	C3216C0G2J221K060AA	C2012C0G2W221J060AA		

Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. Please note that the contents may change without any prior notice due to reasons such as upgrading.



Capacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
			±10%	Hateu voltage Euc. 030 v	haled vollage Euc. 450 v	haled vollage Euc. 250V	C1005C0G2A271K050BA
	1005	0.50±0.05	±5%				C1005C0G2A271J050BA
•	1600	0.80±0.10	±10%			C1608C0G2E271K080AA	C1608C0G2A271K080AA
270pF	1608	0.80±0.10	±5%			C1608C0G2E271J080AA	C1608C0G2A271J080AA
27001	2012	0.60±0.15	±10%		C2012C0G2W271K060AA		
-		0.0020.10	±5%		C2012C0G2W271J060AA		
	3216	0.60±0.15	±10%	C3216C0G2J271K060AA			
			±5% ±10%	C3216C0G2J271J060AA			C1005C0G2A331K050BA
	1005	0.50±0.05	±10%				C1005C0G2A331J050BA
-			±10%			C1608C0G2E331K080AA	C1608C0G2A331K080AA
000.5	1608	0.80±0.10	±5%			C1608C0G2E331J080AA	C1608C0G2A331J080AA
330pF	2012	0.60.0.15	±10%		C2012C0G2W331K060AA		
.=	2012	0.60±0.15	±5%		C2012C0G2W331J060AA		
	3216	0.60±0.15	±10%	C3216C0G2J331K060AA			
	02.0	0.0020.10	±5%	C3216C0G2J331J060AA			
	1005	0.50±0.05	±10%				C1005C0G2A391K050BA
-			±5% ±10%			C1608C0G2E391K080AA	C1005C0G2A391J050BA C1608C0G2A391K080AA
	1608	0.80±0.10	±10%			C1608C0G2E391J080AA	C1608C0G2A391J080AA
390pF			±10%		C2012C0G2W391K060AA	01000000220010000701	01000000010000717
	2012	0.60±0.15	±5%		C2012C0G2W391J060AA		
-	3216	0.60 - 0.45	±10%	C3216C0G2J391K060AA			
	3210	0.60±0.15	±5%	C3216C0G2J391J060AA			
	1005	0.50±0.05	±10%				C1005C0G2A471K050BA
-			±5%				C1005C0G2A471J050BA
	1608	0.80±0.10	±10%			C1608C0G2E471K080AA	C1608C0G2A471K080AA
470pF			±5%		C2012C0G2W471K060AA	C1608C0G2E471J080AA	C1608C0G2A471J080AA
	2012	0.60±0.15	±10% ±5%		C2012C0G2W471K060AA		
-			±10%	C3216C0G2J471K085AA	020120002114710000717		
	3216	0.85±0.15	±5%	C3216C0G2J471J085AA			
	1005	0.50.005	±10%				C1005C0G2A561K050BC
.=	1005	0.50±0.05	±5%				C1005C0G2A561J050BC
	1608	0.80±0.10	±10%			C1608C0G2E561K080AA	C1608C0G2A561K080AA
560pF	1000	0.0020.10	±5%			C1608C0G2E561J080AA	C1608C0G2A561J080AA
	2012	0.60±0.15	±10%		C2012C0G2W561K060AA		
-			±5% ±10%	C3216C0G2J561K085AA	C2012C0G2W561J060AA		
	3216	0.85±0.15	±10%	C3216C0G2J561J085AA			
			±10%	00210000200010000711			C1005C0G2A681K050BC
	1005	0.50±0.05	±5%				C1005C0G2A681J050BC
•	1000	0.00.0.10	±10%			C1608C0G2E681K080AA	C1608C0G2A681K080AA
680pF	1608	0.80±0.10	±5%			C1608C0G2E681J080AA	C1608C0G2A681J080AA
ооорі	2012	0.60±0.15	±10%		C2012C0G2W681K060AA		
-	2012	0.0020.10	±5%		C2012C0G2W681J060AA		
	3216	0.85±0.15	±10%	C3216C0G2J681K085AA			
			±5%	C3216C0G2J681J085AA			C1005C0G2A821K050BC
	1005	0.50±0.05	±10% ±5%				C1005C0G2A821K050BC
-			±3% ±10%			C1608C0G2E821K080AA	C1608C0G2A821K080AA
	1608	0.80±0.10	±5%			C1608C0G2E821J080AA	C1608C0G2A821J080AA
820pF	0010	0.00:0.15	±10%		C2012C0G2W821K060AA	C2012C0G2E821K060AA	
	2012	0.60±0.15	±5%		C2012C0G2W821J060AA	C2012C0G2E821J060AA	
·	3216	0.85±0.15	±10%	C3216C0G2J821K085AA			
	0 <u>L</u> 10	0.00±0.10	±5%	C3216C0G2J821J085AA			
	1005	0.50±0.05	±10%				C1005C0G2A102K050BC
			±5%			C10000000E100V000 * *	C1005C0G2A102J050BC
			±10%			C1608C0G2E102K080AA C1608C0G2E102J080AA	C1608C0G2A102K080AA
	1608	0.80±0.10	±5% ±2%			O TOUOCUGZE TUZJUBUAA	C1608C0G2A102J080AA C1608C0G2A102G080AA
			±2% ±1%				C1608C0G2A102G080AA
1nF			±1/%		C2012C0G2W102K060AA		51000000ZA10Z1000AA
		0.60±0.15	±5%		C2012C0G2W102J060AA		C2012C0G2A102J060AA
	2012 -	0.05.5.5	±10%			C2012C0G2E102K085AA	
		0.85±0.15	±5%			C2012C0G2E102J085AA	
-	3216	0.85±0.15	±10%	C3216C0G2J102K085AA			
	5210	0.00±0.10	±5%	C3216C0G2J102J085AA			

Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. Please note that the contents may change without any prior notice due to reasons such as upgrading.



Capacitance	Dimensions	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%			C1608C0G2E122K080AA	C1608C0G2A122K080AA
	1000	0.80±0.10	±5%			C1608C0G2E122J080AA	C1608C0G2A122J080AA
		0.60.0.15	±10%		C2012C0G2W122K060AA		
1.05	2012	0.60±0.15	±5%		C2012C0G2W122J060AA		C2012C0G2A122J060AA
1.2nF	2012	0.05.0.15	±10%			C2012C0G2E122K085AA	
		0.85±0.15	±5%			C2012C0G2E122J085AA	
	0010	0.05.045	±10%	C3216C0G2J122K085AA			
	3216	0.85±0.15	±5%	C3216C0G2J122J085AA			
	1000		±10%			C1608C0G2E152K080AA	C1608C0G2A152K080AA
	1608	0.80±0.10	±5%			C1608C0G2E152J080AA	C1608C0G2A152J080AA
			±10%				C2012C0G2A152K060AA
	2010	0.60±0.15	±5%				C2012C0G2A152J060AA
1.5nF	2012		±10%		C2012C0G2W152K085AA	C2012C0G2E152K085AA	
		0.85±0.15	±5%		C2012C0G2W152J085AA	C2012C0G2E152J085AA	
			±10%	C3216C0G2J152K115AA			
	3216	1.15±0.15	±5%	C3216C0G2J152J115AA			
			±10%			C1608C0G2E182K080AA	C1608C0G2A182K080AA
	1608	0.80±0.10	±5%			C1608C0G2E182J080AA	C1608C0G2A182J080AA
			±10%		C2012C0G2W182K085AA	0.0000000000000000000000000000000000000	C2012C0G2A182K085AA
		0.85±0.15	±5%		C2012C0G2W182J085AA		C2012C0G2A182J085AA
1.8nF	2012		±10%		020120002W1020003AA	C2012C0G2E182K125AA	020120002A1020003AA
		1.25±0.20				C2012C0G2E182J125AA	
			±5%	000400000 H00K445 A A		C2012C0G2E182J125AA	
	3216	1.15±0.15	±10%	C3216C0G2J182K115AA			
			±5%	C3216C0G2J182J115AA			
		0.80±0.10	±10%				C1608C0G2A222K080AA
	1608		±5%				C1608C0G2A222J080AA
		0.80+0.15,-0.10	±10%			C1608C0G2E222K080AA	
		0.0010110, 0.10	±5%			C1608C0G2E222J080AA	
2.2nF		0.85±0.15	±10%		C2012C0G2W222K085AA		C2012C0G2A222K085AA
2.2111	2012	0.00±0.10	±5%		C2012C0G2W222J085AA		C2012C0G2A222J085AA
	2012	1.25±0.20	±10%			C2012C0G2E222K125AA	
		1.23±0.20	±5%			C2012C0G2E222J125AA	
	0010	1.15.0.15	±10%	C3216C0G2J222K115AA			
	3216	1.15±0.15	±5%	C3216C0G2J222J115AA			
	1000	000 045 040	±10%				C1608C0G2A272K080AA
	1608	0.80+0.15,-0.10	±5%				C1608C0G2A272J080AA
	2010	105.000	±10%		C2012C0G2W272K125AA	C2012C0G2E272K125AA	C2012C0G2A272K125AA
2.7nF	2012	1.25±0.20	±5%		C2012C0G2W272J125AA	C2012C0G2E272J125AA	C2012C0G2A272J125AA
			±10%	C3216C0G2J272K160AA			
	3216	1.60±0.20	±5%	C3216C0G2J272J160AA			
			±10%				C1608C0G2A332K080AA
	1608	0.80+0.15,-0.10	±5%				C1608C0G2A332J080AA
			±10%			C2012C0G2E332K085AA	
		0.85±0.15	±5%			C2012C0G2E332J085AA	
	2012		±10%		C2012C0G2W332K125AA	020120002L0020003AA	C2012C0G2A332K125AA
3.3nF		1.25±0.20	±5%		C2012C0G2W332J125AA		C2012C0G2A332J125AA
					CZ01ZC0GZW33Z31Z3AA	C3216C0G2E332K085AA	020120002A3320123AA
		0.85±0.15	±10%				
	3216		±5%	C0010C0C0 I000K100AA		C3216C0G2E332J085AA	
		1.60±0.20	±10%	C3216C0G2J332K160AA			
			±5%	C3216C0G2J332J160AA			
	1608	0.80±0.10	±10%				C1608C0G2A392K080AC
			±5%				C1608C0G2A392J080AC
	2012	1.25±0.20	±10%		C2012C0G2W392K125AA	C2012C0G2E392K125AA	C2012C0G2A392K125AA
			±5%		C2012C0G2W392J125AA	C2012C0G2E392J125AA	C2012C0G2A392J125AA
		0.60±0.15	±10%				C3216C0G2A392K060AA
3.9nF		0.00±0.10	±5%				C3216C0G2A392J060AA
J.311F	2016	0.05.045	±10%	C3216C0G2J392K085AA			
	3216	0.85±0.15	±5%	C3216C0G2J392J085AA			
			±10%			C3216C0G2E392K115AA	
		1.15±0.15	±5%			C3216C0G2E392J115AA	
			±10%	C3225C0G2J392K125AA		****	
	3225	1.25±0.20					
	3225	1.25±0.20	±5%	C3225C0G2J392J125AA			

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Canacitanaa	Dimensions	Thickness	Capacitance	Catalog number			
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
	1608	0.80±0.10	±10%				C1608C0G2A472K080AC
	1000	0.00±0.10	±5%				C1608C0G2A472J080AC
	2012	1.25±0.20	±10%		C2012C0G2W472K125AA	C2012C0G2E472K125AA	C2012C0G2A472K125AA
	2012	1.25±0.20	±5%		C2012C0G2W472J125AA	C2012C0G2E472J125AA	C2012C0G2A472J125AA
4.7nF		0.85±0.15	±10%	C3216C0G2J472K085AA			C3216C0G2A472K085AA
-1.7111	3216 -	0.00±0.10	±5%	C3216C0G2J472J085AA			C3216C0G2A472J085AA
	02.0	1.15±0.15	±10%			C3216C0G2E472K115AA	
		0200	±5%			C3216C0G2E472J115AA	
	3225	1.60±0.20	±10%	C3225C0G2J472K160AA			
	0220	1.0020.20	±5%	C3225C0G2J472J160AA			
	1608	0.80±0.10	±10%				C1608C0G2A562K080AC
			±5%				C1608C0G2A562J080AC
	2012	1.25±0.20	±10%		C2012C0G2W562K125AA	C2012C0G2E562K125AA	C2012C0G2A562K125AA
		1.2020.20	±5%		C2012C0G2W562J125AA	C2012C0G2E562J125AA	C2012C0G2A562J125AA
5.6nF		0.85±0.15	±10%				C3216C0G2A562K085AA
	3216		±5%				C3216C0G2A562J085AA
		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%				C1608C0G2A682K080AC
			±5%				C1608C0G2A682J080AC
	2012	1.25±0.20	±10%			C2012C0G2E682K125AA	C2012C0G2A682K125AA
			±5%			C2012C0G2E682J125AA	C2012C0G2A682J125AA
6.8nF		1.15±0.15	±10%	C3216C0G2J682K115AA	C3216C0G2W682K115AA		C3216C0G2A682K115AA
	3216		±5%	C3216C0G2J682J115AA	C3216C0G2W682J115AA		C3216C0G2A682J115AA
		1.60±0.20	±10%			C3216C0G2E682K160AA	
			±5%			C3216C0G2E682J160AA	
	3225	2.00±0.20	±10%	C3225C0G2J682K200AA			
			±5%	C3225C0G2J682J200AA			
	1608	0.80±0.10	±10%				C1608C0G2A822K080AC
			±5%				C1608C0G2A822J080AC
	2012	1.25±0.20	±10%			C2012C0G2E822K125AA	C2012C0G2A822K125AA
			±5%		000100000000000000000000000000000000000	C2012C0G2E822J125AA	C2012C0G2A822J125AA
		1.15±0.15	±10%		C3216C0G2W822K115AA		C3216C0G2A822K115AA
8.2nF	3216		±5%	000400000000000440044	C3216C0G2W822J115AA	00040000000000440044	C3216C0G2A822J115AA
		1.60±0.20	±10%	C3216C0G2J822K160AA		C3216C0G2E822K160AA	
			±5%	C3216C0G2J822J160AA		C3216C0G2E822J160AA	
	3225	1.25±0.20	±10%	C3225C0G2J822K125AA			
			±5%	C3225C0G2J822J125AA			
	4532	1.60±0.20	±10%	C4532C0G2J822K160KA C4532C0G2J822J160KA			
			±5%	C4532C0G2J622J160KA			C1608C0G2A103K080AC
	1608	0.80±0.10	±10% ±5%				C1608C0G2A103J080AC
			±5 %			C2012C0G2E103K125AA	C2012C0G2A103K125AA
	2012	1.25±0.20	±10%			C2012C0G2E103J125AA	C2012C0G2A103J125AA
						C3216C0G2E103K115AA	C3216C0G2A103K115AA
		1.15±0.15	±10% ±5%			C3216C0G2E103J115AA	C3216C0G2A103J115AA
	3216 -		±3% ±10%	C3216C0G2J103K160AA	C3216C0G2W103K160AA	SOLIO OGLETOOTTOAA	SOL TOOLGEN TOOLT TOAK
10nF		1.60±0.20	±10%	C3216C0G2J103K160AA	C3216C0G2W103J160AA		
	-		±3% ±10%	C3225C0G2J103K125AA	332100002W1030100AA		
		1.25±0.20	±10%	C3225C0G2J103K125AA			
	3225		±3% ±10%	O0220000201000120AA		C3225C0G2E103K160AA	
		1.60±0.20	±10%			C3225C0G2E103X160AA	
	-		±5 %	C4532C0G2J103K160KA		SOLLOOUGLE TOOUTOUAA	
	4532	1.60±0.20	±10%	C4532C0G2J103K160KA			
			±J /0	0-10020002010001A			

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



Capacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
	2012	0.85±0.15	±10%	-	-	-	C2012C0G2A153K085AC
			±5%				C2012C0G2A153J085AC
		1.15±0.15	±10% ±5%				C3216C0G2A153K115AA C3216C0G2A153J115AA
		4.00.000	±10%			C3216C0G2E153K160AA	
	3216	1.60±0.20	±5%			C3216C0G2E153J160AA	
	•	1.60+0.30,-0.10	±10%		C3216C0G2W153K160AA		
15nF		1.00+0.30,-0.10	±5%		C3216C0G2W153J160AA		
		1.25±0.20	±10%				C3225C0G2A153K125AA
	-		±5%	00005000014501440044			C3225C0G2A153J125AA
	3225	1.60±0.20	±10% ±5%	C3225C0G2J153K160AA C3225C0G2J153J160AA			
	-		±10%	C3223C0G231333100AA		C3225C0G2E153K200AA	
		2.00±0.20	±5%			C3225C0G2E153J200AA	
	4500	0.50.000	±10%	C4532C0G2J153K250KA			
	4532	2.50±0.30	±5%	C4532C0G2J153J250KA			
	2012	1.25±0.20	±10%				C2012C0G2A223K125AC
	2012	1.23±0.20	±5%				C2012C0G2A223J125AC
		1.60±0.20	±10%				C3216C0G2A223K160AA
	3216		±5%			C2016C0C0E000V100^ ^	C3216C0G2A223J160AA
		1.60+0.30,-0.10	±10% ±5%			C3216C0G2E223K160AA C3216C0G2E223J160AA	
			±10%			C3225C0G2E223K160AA	C3225C0G2A223K160AA
22nF		1.60±0.20	±5%			C3225C0G2E223J160AA	C3225C0G2A223J160AA
	3225		±10%	C3225C0G2J223K230AA	C3225C0G2W223K230AA		
		2.30±0.20	±5%	C3225C0G2J223J230AA	C3225C0G2W223J230AA		
		1.60±0.20	±10%			C4532C0G2E223K160KA	
	4532	1.00±0.20	±5%			C4532C0G2E223J160KA	
	.002	3.20±0.30	±10%	C4532C0G2J223K320KA			
			±5%	C4532C0G2J223J320KA			000400000000000000000000000000000000000
	2012	1.25±0.20	±10% ±5%				C2012C0G2A333K125AC C2012C0G2A333J125AC
			±10%				C3216C0G2A333K160AA
	3216	1.60+0.30,-0.10	±5%				C3216C0G2A333J160AA
		0.00.000	±10%				C3225C0G2A333K200AA
33nF		2.00±0.20	±5%				C3225C0G2A333J200AA
Join	3225	2.30±0.20	±10%			C3225C0G2E333K230AA	
			±5%	00005000010001/05044	0000500000140001405044	C3225C0G2E333J230AA	
		2.50±0.30	±10%	C3225C0G2J333K250AA C3225C0G2J333J250AA	C3225C0G2W333K250AA C3225C0G2W333J250AA		
	-		±5% ±10%	C4532C0G2J333JZ50AA	C3223C0G2W333J250AA	C4532C0G2E333K200KA	
	4532	2.00±0.20	±5%	C4532C0G2J333J200KA		C4532C0G2E333J200KA	
			±10%				C3216C0G2A473K115AC
	3216	1.15±0.15	±5%				C3216C0G2A473J115AC
		2.30±0.20	±10%				C3225C0G2A473K230AA
	3225	2.00±0.20	±5%				C3225C0G2A473J230AA
	0220	2.50±0.30	±10%			C3225C0G2E473K250AA	
47nF	-		±5%			C3225C0G2E473J250AA	C4E00C0C0A470K000KA
		2.00±0.20	±10%				C4532C0G2A473K200KA C4532C0G2A473J200KA
	-		±5% ±10%		C4532C0G2W473K230KA		C4552C0G2A475J200KA
	4532	2.30±0.20	±5%		C4532C0G2W473J230KA		
	-		±10%	C4532C0G2J473K320KA		C4532C0G2E473K320KA	
		3.20±0.30	±5%	C4532C0G2J473J320KA		C4532C0G2E473J320KA	
	2016	1.60 . 0.20	±10%				C3216C0G2A683K160AC
	3216	1.60±0.20	±5%				C3216C0G2A683J160AC
	3225	2.30±0.20	±10%				C3225C0G2A683K230AA
			±5%			04500000050001/0001/0	C3225C0G2A683J230AA
		2.30±0.20	±10%			C4532C0G2E683K230KN	
68nF			±5% ±10%			C4532C0G2E683J230KN	CV233CUG3V883K3EUKV
	4532	2.50±0.30	±10%				C4532C0G2A683K250KA C4532C0G2A683J250KA
	-		±10%		C4532C0G2W683K320KA		0020002001VA
		3.20±0.30	±5%		C4532C0G2W683J320KA		
	5750	2 20. 0 20	±10%	C5750C0G2J683K230KC			
	3730	2.30±0.20	±5%	C5750C0G2J683J230KC			

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



Consoitones	Dimensions	Thickness	Capacitance	Catalog number					
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V		
	3216	1.60±0.20	±10%				C3216C0G2A104K160AC		
	3210	1.00±0.20	±5%				C3216C0G2A104J160AC		
100nF	4532	3.20±0.30	±10%			C4532C0G2E104K320KN	C4532C0G2A104K320KA		
TOOTIF	4332	3.20±0.30	3.20±0.30	3.20±0.30	±5%			C4532C0G2E104J320KN	C4532C0G2A104J320KA
	5750	2.80±0.30	±10%	C5750C0G2J104K280KC	C5750C0G2W104K280KA				
	5750	2.00±0.30	±5%	C5750C0G2J104J280KC	C5750C0G2W104J280KA				
150nE	5750	2.30±0.20	±10%			C5750C0G2E154K230KN	C5750C0G2A154K230KA		
15011	150nF 5750		±5%			C5750C0G2E154J230KN	C5750C0G2A154J230KA		

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



apacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100
1pF	1608	0.80±0.10	±0.25pF	nateu voitage Euc. 030 v	nateu voltage Euc. 450 v	haleu vollage Euc. 250 v	C1608CH2A010C080AA
1.5pF	1608	0.80±0.10	±0.25pF				C1608CH2A1R5C080AA
2pF	1608	0.80±0.10	±0.25pF				C1608CH2A020C080AA
2.2pF	1608	0.80±0.10	±0.25pF				C1608CH2A2R2C080AA
3pF	1608	0.80±0.10	±0.25pF				C1608CH2A030C080AA
3.3pF	1608	0.80±0.10	±0.25pF				C1608CH2A3R3C080AA
4pF	1608	0.80±0.10	±0.25pF				C1608CH2A040C080A
4.7pF	1608	0.80±0.10	±0.25pF ±0.25pF				C1608CH2A4R7C080A
5pF	1608	0.80±0.10	±0.25pF ±0.25pF				
6pF	1608	0.80±0.10	±0.23pF ±0.50pF				C1608CH2A050C080A/ C1608CH2A060D080A/
6.8pF	1608		±0.50pF				
7pF	1608	0.80±0.10 0.80±0.10	±0.50pF				C1608CH2A6R8D080A
8pF	1608	0.80±0.10	±0.50pF				C1608CH2A070D080A/ C1608CH2A080D080A/
9pF	1608	0.80±0.10	±0.50pF				
10pF	1608		±0.50pF				C1608CH2A100D080A
		0.80±0.10					C1608CH2A100D080A
12pF	1608	0.80±0.10	±5%				C1608CH2A120J080AA
15pF	1608	0.80±0.10	±5%				C1608CH2A150J080AA
18pF	1608	0.80±0.10	±5%				C1608CH2A180J080AA
22pF	1608	0.80±0.10	±5%				C1608CH2A220J080AA
27pF	1608	0.80±0.10	±5%				C1608CH2A270J080AA
33pF	1608	0.80±0.10	±5%				C1608CH2A330J080AA
39pF	1608	0.80±0.10	±5%				C1608CH2A390J080AA
47pF	1608	0.80±0.10	±5%				C1608CH2A470J080AA
56pF	1608	0.80±0.10	±5%				C1608CH2A560J080AA
68pF	1608	0.80±0.10	±5%				C1608CH2A680J080AA
82pF	1608	0.80±0.10	±5%				C1608CH2A820J080AA
	1005	0.50±0.05	±10%				C1005CH2A101K050BA
			±5%				C1005CH2A101J050BA
	1608	0.80±0.10	±10%			C1608CH2E101K080AA	C1608CH2A101K080A/
100pF			±5%			C1608CH2E101J080AA	C1608CH2A101J080AA
	2012	0.60±0.15	±10%		C2012CH2W101K060AA		
			±5%		C2012CH2W101J060AA		
	3216	0.60±0.15	±10%	C3216CH2J101K060AA			
			±5%	C3216CH2J101J060AA			
	1005	0.50±0.05	±10%				C1005CH2A121K050BA
			±5%				C1005CH2A121J050BA
	1608	0.80±0.10	±10%			C1608CH2E121K080AA	C1608CH2A121K080AA
120pF			±5%			C1608CH2E121J080AA	C1608CH2A121J080AA
- 1	2012	0.60±0.15	±10%		C2012CH2W121K060AA		
			±5%		C2012CH2W121J060AA		
	3216	0.60±0.15	±10%	C3216CH2J121K060AA			
			±5%	C3216CH2J121J060AA			
	1005	0.50±0.05	±10%				C1005CH2A151K050B
			±5%				C1005CH2A151J050BA
	1608	0.80±0.10	±10%			C1608CH2E151K080AA	C1608CH2A151K080AA
150pF			±5%			C1608CH2E151J080AA	C1608CH2A151J080AA
.0001	2012	0.60±0.15	±10%		C2012CH2W151K060AA		
	2012	0.0020.10	±5%		C2012CH2W151J060AA		
	3216	0.60±0.15	±10%	C3216CH2J151K060AA			
	5210	5.50±0.10	±5%	C3216CH2J151J060AA			
	1005	0.50±0.05	±10%				C1005CH2A181K050BA
	1000	0.00±0.00	±5%				C1005CH2A181J050BA
	4000	0.80±0.10	±10%			C1608CH2E181K080AA	C1608CH2A181K080A
	1608	0.00±0.10	±5%			C1608CH2E181J080AA	C1608CH2A181J080AA
180nF	1608				C2012CH2W181K060AA		
180pF		0.60±0.15	±10%				
180pF	2012	0.60±0.15	±10% ±5%		C2012CH2W181J060AA		
180pF	2012		-	C3216CH2J181K060AA	C2012CH2W181J060AA		
180pF		0.60±0.15 0.60±0.15	±5%	C3216CH2J181K060AA C3216CH2J181J060AA	C2012CH2W181J060AA		
180pF	2012 3216	0.60±0.15	±5% ±10%		C2012CH2W181J060AA		C1005CH2A221K050B
180pF	2012		±5% ±10% ±5%		C2012CH2W181J060AA		
180pF	2012 3216 1005	0.60±0.15 0.50±0.05	±5% ±10% ±5% ±10%		C2012CH2W181J060AA	C1608CH2E221K080AA	C1005CH2A221J050BA
	2012 3216	0.60±0.15	±5% ±10% ±5% ±10% ±5%		C2012CH2W181J060AA	C1608CH2E221K080AA C1608CH2E221J080AA	C1005CH2A221J050BA C1608CH2A221K080AA
180pF -	2012 3216 1005 1608	0.60±0.15 0.50±0.05 0.80±0.10	±5% ±10% ±5% ±10% ±5% ±10%		C2012CH2W181J060AA C2012CH2W221K060AA		C1005CH2A221K050B/ C1005CH2A221J050B/ C1608CH2A221K080A/ C1608CH2A221J080A/
	2012 3216 1005	0.60±0.15 0.50±0.05	±5% ±10% ±5% ±10% ±5% ±10% ±5%				C1005CH2A221J050BA C1608CH2A221K080AA
	2012 3216 1005 1608	0.60±0.15 0.50±0.05 0.80±0.10	±5% ±10% ±5% ±10% ±5% ±10% ±5% ±10% ±5%		C2012CH2W221K060AA		C1005CH2A221J050BA C1608CH2A221K080AA

Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. Please note that the contents may change without any prior notice due to reasons such as upgrading.



Capacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100\
	1005	0.50±0.05	±10% ±5%				C1005CH2A271K050BA
-			±5% ±10%			C1608CH2E271K080AA	C1005CH2A271J050BA C1608CH2A271K080AA
	1608	0.80±0.10	±5%			C1608CH2E271J080AA	C1608CH2A271X080AA
270pF			±10%		C2012CH2W271K060AA	010000112L2710000AA	010000112A2710000AA
	2012	0.60±0.15	±5%		C2012CH2W271J060AA		
-	0010	0.00.045	±10%	C3216CH2J271K060AA			
	3216	0.60±0.15	±5%	C3216CH2J271J060AA			
	1005	0.50±0.05	±10%				C1005CH2A331K050BA
	1005	0.3010.03	±5%				C1005CH2A331J050BA
	1608	0.80±0.10	±10%			C1608CH2E331K080AA	C1608CH2A331K080AA
330pF			±5%		0004001101410041400044	C1608CH2E331J080AA	C1608CH2A331J080AA
	2012	0.60±0.15	±10% ±5%		C2012CH2W331K060AA		
			±5% ±10%	C3216CH2J331K060AA	C2012CH2W331J060AA		
	3216	0.60±0.15	±10%	C3216CH2J331J060AA			
			±10%	00210011200010000707			C1005CH2A391K050BA
	1005	0.50±0.05	±5%				C1005CH2A391J050BA
=	1000	0.00.040	±10%			C1608CH2E391K080AA	C1608CH2A391K080AA
2005	1608	0.80±0.10	±5%			C1608CH2E391J080AA	C1608CH2A391J080AA
390pF	2012	0.60±0.15	±10%		C2012CH2W391K060AA		
	2012	0.00±0.13	±5%		C2012CH2W391J060AA		
	3216	0.60±0.15	±10%	C3216CH2J391K060AA			
			±5%	C3216CH2J391J060AA			
	1005	0.50±0.05	±10%				C1005CH2A471K050BA
-			±5% ±10%			C1600CH0E471K000AA	C1609CH2A471J050BA
	1608	0.80±0.10	±10% ±5%			C1608CH2E471K080AA C1608CH2E471J080AA	C1608CH2A471K080AA C1608CH2A471J080AA
470pF			±10%		C2012CH2W471K060AA	010000112L4710000AA	010000112A4710000AF
	2012	0.60±0.15	±5%		C2012CH2W471J060AA		
3216			±10%	C3216CH2J471K085AA			
	3216	0.85±0.15	±5%	C3216CH2J471J085AA			
	1005	0.50±0.05	±10%				C1005CH2A561K050BC
	1005	0.30±0.03	±5%				C1005CH2A561J050BC
	1608	0.80±0.10	±10%			C1608CH2E561K080AA	C1608CH2A561K080AA
560pF			±5%			C1608CH2E561J080AA	C1608CH2A561J080AA
·	2012	0.60±0.15	±10%		C2012CH2W561K060AA		
-			±5% ±10%	C2216CH2 E61K00EAA	C2012CH2W561J060AA		
	3216	0.85±0.15	±10% ±5%	C3216CH2J561K085AA C3216CH2J561J085AA			
			±10%	C32 10CH2330 13003AA			C1005CH2A681K050B0
	1005	0.50±0.05	±5%				C1005CH2A681J050BC
-			±10%			C1608CH2E681K080AA	C1608CH2A681K080AA
	1608	0.80±0.10	±5%			C1608CH2E681J080AA	C1608CH2A681J080AA
680pF	0010	0.00.045	±10%		C2012CH2W681K060AA		
	2012	0.60±0.15	±5%		C2012CH2W681J060AA		
·	3216	0.85±0.15	±10%	C3216CH2J681K085AA	-	-	
	0£10	0.00±0.13	±5%	C3216CH2J681J085AA			
	1005	0.50±0.05	±10%				C1005CH2A821K050BC
-			±5%			0400001055534555	C1005CH2A821J050BC
	1608	0.80±0.10	±10%			C1608CH2E821K080AA	C1608CH2A821K080AA
820pF			±5% ±10%		C2012CH3/N/821K060 V V	C1608CH2E821J080AA C2012CH2E821K060AA	C1608CH2A821J080AA
	2012	0.60±0.15	±10% ±5%		C2012CH2W821K060AA C2012CH2W821J060AA	C2012CH2E821K060AA C2012CH2E821J060AA	
ē			±10%	C3216CH2J821K085AA	22012011241021000AA	JEU I ZOI IZEUZ IUUUUAA	
	3216	0.85±0.15	±5%	C3216CH2J821J085AA			
	105-		±10%				C1005CH2A102K050B0
	1005	0.50±0.05	±5%				C1005CH2A102J050BC
-	1600	0.00:0.40	±10%			C1608CH2E102K080AA	C1608CH2A102K080AA
	1608	0.80±0.10	±5%			C1608CH2E102J080AA	C1608CH2A102J080AA
1nF		0.60±0.45	±10%		C2012CH2W102K060AA		
11117	2012 -	0.60±0.15	±5%		C2012CH2W102J060AA		C2012CH2A102J060AA
	2012 -	0.85±0.15	±10%			C2012CH2E102K085AA	
ē		0.00±0.10	±5%			C2012CH2E102J085AA	
			±10%	C3216CH2J102K085AA			
	3216	0.85±0.15	±5%	C3216CH2J102J085AA			



Capacitance	Dimensions	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%			C1608CH2E122K080AA	C1608CH2A122K080AA
	1000	0.80±0.10	±5%			C1608CH2E122J080AA	C1608CH2A122J080AA
		0.60.0.15	±10%		C2012CH2W122K060AA		
1.2nF	2012	0.60±0.15	±5%		C2012CH2W122J060AA		C2012CH2A122J060AA
1.2111	2012	0.85±0.15	±10%			C2012CH2E122K085AA	
		0.65±0.15	±5%			C2012CH2E122J085AA	
	3216	0.05.0.15	±10%	C3216CH2J122K085AA			
	3210	0.85±0.15	±5%	C3216CH2J122J085AA			
	1600	0.00.0.10	±10%			C1608CH2E152K080AA	C1608CH2A152K080AA
	1608	0.80±0.10	±5%			C1608CH2E152J080AA	C1608CH2A152J080AA
		0.00.045	±10%				C2012CH2A152K060AA
1 EnE	2012	0.60±0.15	±5%				C2012CH2A152J060AA
1.5nF	2012	0.05.0.15	±10%		C2012CH2W152K085AA	C2012CH2E152K085AA	
		0.85±0.15	±5%		C2012CH2W152J085AA	C2012CH2E152J085AA	
	0010	4.45.0.45	±10%	C3216CH2J152K115AA			
	3216	1.15±0.15	±5%	C3216CH2J152J115AA			
	1000	0.00.0.10	±10%			C1608CH2E182K080AA	C1608CH2A182K080AA
	1608	0.80±0.10	±5%			C1608CH2E182J080AA	C1608CH2A182J080AA
			±10%		C2012CH2W182K085AA		C2012CH2A182K085AA
10.5	0010	0.85±0.15	±5%		C2012CH2W182J085AA		C2012CH2A182J085AA
1.8nF	2012		±10%			C2012CH2E182K125AA	
		1.25±0.20	±5%			C2012CH2E182J125AA	
			±10%	C3216CH2J182K115AA			
	3216	1.15±0.15	±5%	C3216CH2J182J115AA			
			±10%				C1608CH2A222K080AA
		0.80±0.10	±5%				C1608CH2A222J080AA
	1608		±10%			C1608CH2E222K080AA	
		0.80+0.15,-0.10	±5%			C1608CH2E222J080AA	
			±10%		C2012CH2W222K085AA		C2012CH2A222K085AA
2.2nF		0.85±0.15	±5%		C2012CH2W222J085AA		C2012CH2A222J085AA
	2012		±10%			C2012CH2E222K125AA	
		1.25±0.20	±5%			C2012CH2E222J125AA	
			±10%	C3216CH2J222K115AA			
	3216	1.15±0.15	±5%	C3216CH2J222J115AA			
			+10%				C1608CH2A272K080AA
	1608	0.80+0.15,-0.10	±5%				C1608CH2A272J080AA
			±10%		C2012CH2W272K125AA	C2012CH2E272K125AA	C2012CH2A272K125AA
2.7nF	2012	1.25±0.20	±5%		C2012CH2W272J125AA	C2012CH2E272J125AA	C2012CH2A272J125AA
			±10%	C3216CH2J272K160AA			
	3216	1.60±0.20	±5%	C3216CH2J272J160AA			
			+10%				C1608CH2A332K080AA
	1608	0.80+0.15,-0.10	±5%				C1608CH2A332J080AA
			±10%			C2012CH2E332K085AA	
		0.85±0.15	±5%			C2012CH2E332J085AA	
	2012		±10%		C2012CH2W332K125AA		C2012CH2A332K125AA
3.3nF		1.25±0.20	±5%		C2012CH2W332J125AA		C2012CH2A332J125AA
			±10%			C3216CH2E332K085AA	
		0.85±0.15	±5%			C3216CH2E332J085AA	
	3216		±10%	C3216CH2J332K160AA			
		1.60±0.20	±5%	C3216CH2J332J160AA			
			±10%				C1608CH2A392K080AC
	1608	0.80±0.10	±5%				C1608CH2A392J080AC
			±10%		C2012CH2W392K125AA	C2012CH2E392K125AA	C2012CH2A392K125AA
	2012	1.25±0.20	±5%		C2012CH2W392J125AA	C2012CH2E392J125AA	C2012CH2A392J125AA
			±10%		OLU ILUI IL VVOJEU ILUAM	020120112L0320120AA	C3216CH2A392K060AA
		0.60±0.15	±5%				C3216CH2A392J060AA
3.9nF			±10%	C3216CH2J392K085AA			JUL 100112A0320000AA
	3216	0.85±0.15	±10%	C3216CH2J392J085AA			
			±5% ±10%	OUZ TOUT IZUUSZUUODAA		C2016CH0E000V11E	
		1.15±0.15				C3216CH2E392K115AA	
			±5%	C3335CH3 300V435		C3216CH2E392J115AA	
	3225	1.25±0.20	±10%	C3225CH2J392K125AA			
			±5%	C3225CH2J392J125AA			

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



Canacitance	Dimensions	Thickness	Capacitance	Catalog number					
Capacitarice	Difficusions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V		
	1608	0.80±0.10	±10%				C1608CH2A472K080AC		
			±5%				C1608CH2A472J080AC		
	2012	1.25±0.20	±10%		C2012CH2W472K125AA	C2012CH2E472K125AA	C2012CH2A472K125AA		
			±5%	00040011014701400544	C2012CH2W472J125AA	C2012CH2E472J125AA	C2012CH2A472J125AA		
4.7nF		0.85±0.15	±10%	C3216CH2J472K085AA			C3216CH2A472K085AA		
	3216 -		±5%	C3216CH2J472J085AA		0001001105150141514	C3216CH2A472J085AA		
		1.15±0.15	±10%			C3216CH2E472K115AA			
			±5%	00005011014701440044		C3216CH2E472J115AA			
	3225	1.60±0.20	±10%	C3225CH2J472K160AA					
			±5%	C3225CH2J472J160AA			04000011045001/00040		
	1608	0.80±0.10	±10%				C1608CH2A562K080AC		
			±5%		00040011014/5001/40544	00040011055001440544	C1608CH2A562J080AC		
	2012	1.25±0.20	±10%		C2012CH2W562K125AA	C2012CH2E562K125AA	C2012CH2A562K125AA		
			±5%		C2012CH2W562J125AA	C2012CH2E562J125AA	C2012CH2A562J125AA		
5.6nF		0.85±0.15	±10%				C3216CH2A562K085AA		
	3216 -		±5%				C3216CH2A562J085AA		
		1.15±0.15	±10%	C3216CH2J562K115AA		C3216CH2E562K115AA			
			±5%	C3216CH2J562J115AA		C3216CH2E562J115AA			
	3225	1.60±0.20	±10%	C3225CH2J562K160AA					
			±5%	C3225CH2J562J160AA					
	1608	0.80±0.10	±10%				C1608CH2A682K080AC		
			±5%				C1608CH2A682J080AC		
	2012	1.25±0.20	±10%			C2012CH2E682K125AA	C2012CH2A682K125AA		
			±5%			C2012CH2E682J125AA	C2012CH2A682J125AA		
6.8nF		1.15±0.15	±10%	C3216CH2J682K115AA	C3216CH2W682K115AA		C3216CH2A682K115AA		
	3216 -		±5%	C3216CH2J682J115AA	C3216CH2W682J115AA		C3216CH2A682J115AA		
		02.0		1.60±0.20	±10%			C3216CH2E682K160AA	
			±5%			C3216CH2E682J160AA			
	3225	2.00±0.20	±10%	C3225CH2J682K200AA					
	0220		±5%	C3225CH2J682J200AA					
	1608	0.80±0.10	±10%				C1608CH2A822K080AC		
			±5%				C1608CH2A822J080AC		
	2012	1.25±0.20	±10%			C2012CH2E822K125AA	C2012CH2A822K125AA		
			±5%			C2012CH2E822J125AA	C2012CH2A822J125AA		
		1.15±0.15	±10%		C3216CH2W822K115AA		C3216CH2A822K115AA		
8.2nF	3216 -		±5%		C3216CH2W822J115AA		C3216CH2A822J115AA		
0.2	02.0	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					
	.002		±5%	C4532CH2J822J160KA					
	1608	0.80±0.10	±10%				C1608CH2A103K080AC		
			±5%				C1608CH2A103J080AC		
	2012	1.25±0.20	±10%			C2012CH2E103K125AA	C2012CH2A103K125AA		
		1.2020.20	±5%			C2012CH2E103J125AA	C2012CH2A103J125AA		
		1.15±0.15	±10%			C3216CH2E103K115AA	C3216CH2A103K115AA		
	3216 -		±5%			C3216CH2E103J115AA	C3216CH2A103J115AA		
10nF	0210	1.60±0.20	±10%	C3216CH2J103K160AA	C3216CH2W103K160AA				
10111		1.00±0.20	±5%	C3216CH2J103J160AA	C3216CH2W103J160AA				
		1 25.0 20	±10%	C3225CH2J103K125AA					
	3225 -	1.25±0.20	±5%	C3225CH2J103J125AA					
	3223 -	1 60.0 00	±10%			C3225CH2E103K160AA			
		1.60±0.20	±5%			C3225CH2E103J160AA			
	4520	1 60 - 0 00	±10%	C4532CH2J103K160KA					
	4532	1.60±0.20	±5%	C4532CH2J103J160KA					



apacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100			
	2012	0.85±0.15	±10%				C2012CH2A153K085A0			
			±5%				C2012CH2A153J085A0			
		1.15±0.15	±10% ±5%				C3216CH2A153K115A C3216CH2A153J115A			
	-		±10%			C3216CH2E153K160AA	C3216CH2A1333113A			
	3216	1.60±0.20	±5%			C3216CH2E153J160AA				
	-		±10%		C3216CH2W153K160AA	00210011221000100701				
45.5		1.60+0.30,-0.10	±5%		C3216CH2W153J160AA					
15nF		1.25 . 0.20	±10%				C3225CH2A153K125A			
	<u>.</u>	1.25±0.20	±5%				C3225CH2A153J125A			
	3225	1.60±0.20	±10%	C3225CH2J153K160AA						
			±5%	C3225CH2J153J160AA						
		2.00±0.20	±10%			C3225CH2E153K200AA				
			±5%	04500011014501/0501/4		C3225CH2E153J200AA				
	4532	2.50±0.30	±10%	C4532CH2J153K250KA						
			±5% ±10%	C4532CH2J153J250KA			C2012CH2A223K125A			
	2012	1.25±0.20	±10%				C2012CH2A223J125A			
	-		±10%				C3216CH2A223K160A			
	2012	1.60±0.20	±5%				C3216CH2A223J160A			
	3216	1.00.000.010	±10%			C3216CH2E223K160AA				
		1.60+0.30,-0.10	±5%			C3216CH2E223J160AA				
22nF		1.60±0.20	±10%			C3225CH2E223K160AA	C3225CH2A223K160A			
22111	3225	1.00±0.20	±5%			C3225CH2E223J160AA	C3225CH2A223J160A			
	0220	2.30±0.20	±10%	C3225CH2J223K230AA	C3225CH2W223K230AA					
			±5%	C3225CH2J223J230AA	C3225CH2W223J230AA	00.1//				
		1.60±0.20	±10%			C4532CH2E223K160KA				
	4532		±5%	0.45000110.10001/0001/4		C4532CH2E223J160KA				
		3.20±0.30	±10%	C4532CH2J223K320KA						
			±5% ±10%	C4532CH2J223J320KA			C2012CH2A333K125A			
	2012	1.25±0.20	±10%				C2012CH2A333J125A			
			±10%				C3216CH2A333K160A			
	3216	1.60+0.30,-0.10	±5%				C3216CH2A333J160A			
			±10%				C3225CH2A333K200A			
33nF		2.00±0.20	±5%				C3225CH2A333J200A			
SSHE	3225	2.30±0.20	±10%			C3225CH2E333K230AA				
	JZZJ -	3223	3225	3225	2.00±0.20	±5%			C3225CH2E333J230AA	
				2.50±0.30	±10%	C3225CH2J333K250AA	C3225CH2W333K250AA			
		2.0020.00	±5%	C3225CH2J333J250AA	C3225CH2W333J250AA					
	4532	2.00±0.20	±5%			C4532CH2E333J200KA				
			±10%			C4532CH2E333K200KA	00010011041701/1154			
	3216	1.15±0.15	±10%				C3216CH2A473K115A			
			±5%				C3216CH2A473J115A			
		2.30±0.20	±10% ±5%				C3225CH2A473K230A C3225CH2A473J230A			
	3225		±10%			C3225CH2E473K250AA	302230112A4130230A			
		2.50±0.30	±5%			C3225CH2E473J250AA				
47nF			±10%				C4532CH2A473K200K			
		2.00±0.20	±5%				C4532CH2A473J200K			
	4500		±10%		C4532CH2W473K230KA					
	4532	2.30±0.20	±5%		C4532CH2W473J230KA					
	· ·	3.20±0.30	±10%	C4532CH2J473K320KA		C4532CH2E473K320KA				
		3.20±0.30	±5%	C4532CH2J473J320KA		C4532CH2E473J320KA				
	3216	1.60±0.20	±10%				C3216CH2A683K160A			
	J_ 10	50±0.20	±5%				C3216CH2A683J160A			
	3225	2.30±0.20	±10%				C3225CH2A683K230A			
			±5%			0.450001105555455	C3225CH2A683J230A			
		2.30±0.20	±10%			C4532CH2E683K230KN				
			±5%			C4532CH2E683J230KN	C4E2001 I0 40201/0521			
68nF	-		. 100/				C4532CH2A683K250k			
68nF	4532	2.50±0.30	±10%							
68nF	4532	2.50±0.30	±5%		CV233CH3///เชืองหรองบกง					
68nF	4532 -	2.50±0.30 3.20±0.30	±5% ±10%		C4532CH2W683K320KA					
68nF	4532		±5%	C5750CH2J683K230KC	C4532CH2W683K320KA C4532CH2W683J320KA		C4532CH2A683J250K.			



Capacitance	Dimensions	Thickness	Capacitance	Catalog number			
Сараспансе	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
3216		1.60±0.20	±10%				C3216CH2A104K160AC
	3210	1.60±0.20	±5%				C3216CH2A104J160AC
100nF	4532	3.20±0.30	±10%			C4532CH2E104K320KN	C4532CH2A104K320KA
TOOTIF	4552	3.20±0.30	±5%			C4532CH2E104J320KN	C4532CH2A104J320KA
	5750	2.80±0.30	±10%	C5750CH2J104K280KC	C5750CH2W104K280KA		
	3730	2.60±0.30	±5%	C5750CH2J104J280KC	C5750CH2W104J280KA		
150nE	5750	2 20 . 0 20	±10%			C5750CH2E154K230KN	C5750CH2A154K230KA
150nF	3/30	750 2.30±0.20	±5%			C5750CH2E154J230KN	C5750CH2A154J230KA

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

apacitance	Dimensions	Thickness	Capacitance _	Catalog number	Potod voltoga Eda: 0501	Potod voltage Edg. 100
		(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 250V	Rated voltage Edc: 100
	1608	0.80±0.10	±10%			C1608JB2A102K080AA
			±20%		00040 ID0E4001/005 A A	C1608JB2A102M080A
1nF	2012	0.85±0.15	±10%		C2012JB2E102K085AA	C2012JB2A102K085A
			±20%	C0040 ID0 I400K44EAA	C2012JB2E102M085AA	C2012JB2A102M085A
	3216	1.15±0.15	±10% ±20%	C3216JB2J102K115AA C3216JB2J102M115AA		
			±10%	C3210JD2J102W1113AA		C1609 IB3 \ 153\/ 090 \ \
	1608	0.80±0.10				C1608JB2A152K080AA
			±20% ±10%		C2012JB2E152K085AA	C1608JB2A152M080A/ C2012JB2A152K085A/
1.5nF	2012	0.85±0.15	±20%		C2012JB2E152M085AA	C2012JB2A152M085A
			±10%	C3216JB2J152K115AA	OZO IZOBZE ISZWIOOSAA	OZO IZOBZA I SZIWIOOSA/
	3216	1.15±0.15	±20%	C3216JB2J152M115AA		
			±10%	002100220102111110701		C1608JB2A222K080AA
	1608	0.80±0.10	±20%			C1608JB2A222M080A
•			±10%		C2012JB2E222K085AA	C2012JB2A222K085A
2.2nF	2012	0.85±0.15	±20%		C2012JB2E222M085AA	C2012JB2A222M085A
			±10%	C3216JB2J222K115AA		
	3216	1.15±0.15	±20%	C3216JB2J222M115AA		
			±10%			C1608JB2A332K080AA
	1608	0.80±0.10	±20%			C1608JB2A332M080A
	2010	0.05.0.15	±10%		C2012JB2E332K085AA	C2012JB2A332K085AA
3.3nF	2012	0.85±0.15	±20%		C2012JB2E332M085AA	C2012JB2A332M085A
•	0040	4.45.0.45	±10%	C3216JB2J332K115AA		
	3216	1.15±0.15	±20%	C3216JB2J332M115AA		
	1600	0.90.0.10	±10%			C1608JB2A472K080A/
	1608	0.80±0.10	±20%			C1608JB2A472M080A
4 7	0010	0.85±0.15	±10%		C2012JB2E472K085AA	C2012JB2A472K085A
4.7nF	2012	0.65±0.15	±20%		C2012JB2E472M085AA	C2012JB2A472M085A
•	3216	1.15±0.15	±10%	C3216JB2J472K115AA		
	3210	1.15±0.15	±20%	C3216JB2J472M115AA		
	1608	0.80±0.10	±10%			C1608JB2A682K080A
	1000	0.00±0.10	±20%			C1608JB2A682M080A
		0.85±0.15	±10%			C2012JB2A682K085A
6.8nF	2012 -	0.00±0.10	±20%			C2012JB2A682M085A
0.0	20.2	1.25±0.20	±10%		C2012JB2E682K125AA	
		1.2020.20	±20%		C2012JB2E682M125AA	
	3216	1.15±0.15	±10%	C3216JB2J682K115AA		
			±20%	C3216JB2J682M115AA		
	1608	0.80±0.10	±10%			C1608JB2A103K080A
			±20%			C1608JB2A103M080A
		0.85±0.15	±10%			C2012JB2A103K085A
10nF	2012 -		±20%		00010 D05100 /10511	C2012JB2A103M085A
		1.25±0.20	±10%		C2012JB2E103K125AA	
			±20%	00040 ID0 H001/4454	C2012JB2E103M125AA	
	3216	1.15±0.15	±10%	C3216JB2J103K115AA		
			±20%	C3216JB2J103M115AA		04000 ID0 44501/000 4
	1608	0.80±0.10	±10%			C1608JB2A153K080A
-			±20%		C0010 IB0E1E0V10E A A	C1608JB2A153M080A
	2012	1.25±0.20	±10% ±20%		C2012JB2E153K125AA C2012JB2E153M125AA	C2012JB2A153K125A C2012JB2A153M125A
15nF			±20% ±10%		C3216JB2E153K115AA	02012002A100W1120A.
		1.15±0.15	±20%		C3216JB2E153M115AA	
	3216 -		±10%	C3216JB2J153K130AA	302.00022100W110/W	
		1.30±0.20	±20%	C3216JB2J153M130AA		
			±10%	552 100D20 100W1100AA		C1608JB2A223K080A
	1608	0.80±0.10	±20%			C1608JB2A223M080A
			±10%		C2012JB2E223K125AA	C2012JB2A223K125A
	2012	1.25±0.20	±20%		C2012JB2E223M125AA	C2012JB2A223M125A
22nF			±10%		C3216JB2E223K115AA	
		1.15±0.15	±20%		C3216JB2E223M115AA	
	3216 -		±10%	C3216JB2J223K130AA	302.00DELELOWITION	
		1.30±0.20	±20%	C3216JB2J223M130AA		
			±10%	,		C2012JB2A333K125A
	2012	1.25±0.20	±20%			C2012JB2A333M125A
			±10%			C3216JB2A333K115A
			• , •			
33nF		1.15±0.15	±20%			C3216JB2A333M115A
33nF	3216 -	1.15±0.15 1.60±0.20	±20% ±10%	C3216JB2J333K160AA	C3216JB2E333K160AA	C3216JB2A333M115A

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

apacitance	Dimensions	Thickness	Capacitance _ tolerance	Catalog number	Pated voltage Ede: 2501	Pated voltage Ede: 100
		(mm)	tolerance ±10%	Rated voltage Edc: 630V	Rated voltage Edc: 250V	Rated voltage Edc: 100\ C2012JB2A473K125AA
	2012	1.25±0.20	±20%			C2012JB2A473K125AA
			±10%			C3216JB2A473K115AA
		1.15±0.15	±20%			C3216JB2A473M115AA
47nF	3216 -		±10%		C3216JB2E473K160AA	002100D2A470W1113AF
		1.60±0.20	±20%		C3216JB2E473M160AA	
			±10%	C3225JB2J473K200AA	00210022211011100701	
	3225	2.00±0.20	±20%	C3225JB2J473M200AA		
			±10%	00220022017011200701		C2012JB2A683K085AA
	2012	0.85±0.15	±20%			C2012JB2A683M085AA
			±10%		C3216JB2E683K160AA	C3216JB2A683K160AA
	3216	1.60±0.20	±20%		C3216JB2E683M160AA	C3216JB2A683M160AA
68nF	2005		±10%	C3225JB2J683K200AA		
	3225	2.00±0.20	±20%	C3225JB2J683M200AA		
	4500	4 00 000	±10%	C4532JB2J683K160KA		
	4532	1.60±0.20	±20%	C4532JB2J683M160KA		
	2012	4.05.0.00	±10%			C2012JB2A104K125AA
	2012	1.25±0.20	±20%			C2012JB2A104M125AA
	2016	1 60-0 20	±10%		C3216JB2E104K160AA	C3216JB2A104K160AA
1005	3216	1.60±0.20	±20%		C3216JB2E104M160AA	C3216JB2A104M160AA
100nF	2005	2.00 - 2.00	±10%		C3225JB2E104K200AA	
	3225	2.00±0.20	±20%		C3225JB2E104M200AA	
	/E33	2 30-0 20	±10%	C4532JB2J104K230KA		
	4532	2.30±0.20	±20%	C4532JB2J104M230KA		
	3216	1.60±0.20	±10%			C3216JB2A154K160AA
	3210	1.00±0.20	±20%			C3216JB2A154M160AA
	3225	2.00±0.20	±10%		C3225JB2E154K200AA	
150nF	3223	2.00±0.20	±20%		C3225JB2E154M200AA	
130111	4532	1.60±0.20	±10%		C4532JB2E154K160KA	
	4302	1.00±0.20	±20%		C4532JB2E154M160KA	
	5750	1.60±0.20	±10%	C5750JB2J154K160KA		
	0700	1.0010.20	±20%	C5750JB2J154M160KA		
	3216	1.15±0.15	±10%			C3216JB2A224K115AA
	02.0	0_00	±20%			C3216JB2A224M115AA
	3225	2.00±0.20	±10%		C3225JB2E224K200AA	
220nF			±20%		C3225JB2E224M200AA	
	4532	2.30±0.20	±10%		C4532JB2E224K230KA	
			±20%	05750 ID0 I00 I/000//	C4532JB2E224M230KA	
	5750	2.30±0.20	±10%	C5750JB2J224K230KA		
			±20%	C5750JB2J224M230KA		00040100040041/4004
	3216	1.30±0.20	±10%			C3216JB2A334K130AA
			±20%			C3216JB2A334M130AA
	3225	2.00±0.20	±10%			C3225JB2A334K200AA
330nF			±20%		C4E90 ID0E904K000KA	C3225JB2A334M200AA
	4532	2.30±0.20	±10%		C4532JB2E334K230KA	
			±20%		C4532JB2E334M230KA	
	5750	1.60±0.20	±10%		C5750JB2E334K160KA	
			±20%		C5750JB2E334M160KA	C2016 IB0 A 47 4 1/100 A A
	3216	1.60±0.20	±10%			C3216JB2A474K160AA C3216JB2A474M160AA
			±20%			
	3225	2.00±0.20	±10% ±20%			C3225JB2A474K200AA C3225JB2A474M200AA
470nF					C4532JB2E474K230KA	OUZZUUDZA41 4IVIZUUAF
	4532	2.30±0.20	±10% ±20%		C4532JB2E474K230KA C4532JB2E474M230KA	
			±20% ±10%		C5750JB2E474W230KA	
	5750	2.30±0.20	±20%		C5750JB2E474M230KA	
			±20% ±10%		OST SUUDZEHT HIVIZSUNA	C3216JB2A684K160AA
	3216	1.60±0.20	±10%			C3216JB2A684M160AA
			±20%			C3225JB2A684K160AA
	3225	1.60±0.20	±10%			C3225JB2A684M160AA
						C4532JB2A684K230KA
680nF	4532	2.30±0.20	±10% ±20%			C4532JB2A684M230KA
						C5750JB2A684K160KA
		1.60±0.20	±10% ±20%			C5750JB2A684K160KA
	5750 -				C5750 IB2E694K220K4	03730002A004W110UKF
		2.30±0.20	±10% ±20%		C5750JB2E684K230KA C5750JB2E684M230KA	

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

Canacitanas	Dimensions	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 250V	Rated voltage Edc: 100V	
	3216	1.60+0.20	±10%		C3216JB2A105K160AA	
	3210	1.60±0.20	±20%		C3216JB2A105M160AA	
	3225	2.00+0.20	±10%		C3225JB2A105K200AA	
1μF	3223	2.00±0.20	±20%		C3225JB2A105M200AA	
iμr	4532	2.30±0.20	±10%		C4532JB2A105K230KA	
=		2.30±0.20	±20%		C4532JB2A105M230KA	
	5750	2.30±0.20	±10%	C5750JB2E105K230KA	C5750JB2A105K230KA	
	3730	2.30±0.20	±20%	C5750JB2E105M230KA	C5750JB2A105M230KA	
	3225	2.00±0.20	±10%		C3225JB2A155K200AB	
	3223	2.00±0.20	±20%		C3225JB2A155M200AB	
1.5µF		2.30±0.20	±10%		C4532JB2A155K230KA	
1.5μΓ		2.30±0.20	±20%		C4532JB2A155M230KA	
		5750	2.30±0.20	±10%		C5750JB2A155K230KA
	3730	2.30±0.20	±20%		C5750JB2A155M230KA	
	3225	2.30±0.20	±10%		C3225JB2A225K230AB	
	3223	2.30±0.20	±20%		C3225JB2A225M230AB	
2.2µF	4532	2.30±0.20	±10%		C4532JB2A225K230KA	
2.2μι	4302	2.30±0.20	±20%		C4532JB2A225M230KA	
	5750	2.30±0.20	±10%		C5750JB2A225K230KA	
	3730	2.30±0.20	±20%		C5750JB2A225M230KA	
3.3µF	5750	2.30±0.20	±10%	·	C5750JB2A335K230KA	
5.5μΓ	3/30	2.30±0.20	±20%	·	C5750JB2A335M230KA	
4.7µF	5750	2.30±0.20	±10%		C5750JB2A475K230KA	
4.7μι	3730	2.00±0.20	±20%		C5750JB2A475M230KA	

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

Capacitance	Dimensions	Thickness	Capacitance	Catalog number		
Оараспанос	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
	1608	0.80±0.10	±10%			C1608X5R2A102K080AA
			±20% ±10%		C2012X5R2E102K085AA	C1608X5R2A102M080AA
1nF	2012	0.85±0.15	±20%		C2012X5R2E102M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J102K115AA		
	0210	1.10±0.10	±20%	C3216X5R2J102M115AA		
	1608	0.80±0.10	±10% ±20%			C1608X5R2A152K080AA C1608X5R2A152M080AA
			±20%		C2012X5R2E152K085AA	C TOUGNSTIZA TSZINIOGOAA
1.5nF	2012	0.85±0.15	±20%		C2012X5R2E152M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J152K115AA		
			±20%	C3216X5R2J152M115AA		04000VFD04000V00044
	1608	0.80±0.10	±10% ±20%			C1608X5R2A222K080AA C1608X5R2A222M080AA
			±10%		C2012X5R2E222K085AA	O TOUONSTIEMEZEZIVIOUUMA
2.2nF	2012	0.85±0.15	±20%		C2012X5R2E222M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J222K115AA		
			±20%	C3216X5R2J222M115AA		04000VFD04000V00044
	1608	0.80±0.10	±10% ±20%			C1608X5R2A332K080AA C1608X5R2A332M080AA
			±10%		C2012X5R2E332K085AA	O TOOO/TOTIE/TOOE/WOOO/TOT
3.3nF	2012	0.85±0.15	±20%		C2012X5R2E332M085AA	
	3216	1.15±0.15	±10%	C3216X5R2J332K115AA		
	0210	1.10±0.10	±20%	C3216X5R2J332M115AA		
	1608	0.80±0.10	±10% ±20%			C1608X5R2A472K080AA C1608X5R2A472M080AA
			±20% ±10%		C2012X5R2E472K085AA	C1000A3R2A472IVI00UAA
4.7nF	2012	0.85±0.15	±20%		C2012X5R2E472M085AA	
	2016	1.15.0.15	±10%	C3216X5R2J472K115AA		
	3216	1.15±0.15	±20%	C3216X5R2J472M115AA		
	1608	0.80±0.10	±10%			C1608X5R2A682K080AA
			±20%		C0010VED0E600V10EAA	C1608X5R2A682M080AA
6.8nF	2012	1.25±0.20	±10% ±20%		C2012X5R2E682K125AA C2012X5R2E682M125AA	
			±10%	C3216X5R2J682K115AA	OLO IL/KOI ILLOOLINI ILO/KY	
	3216	1.15±0.15	±20%	C3216X5R2J682M115AA		
	1608	0.80±0.10	±10%			C1608X5R2A103K080AA
		0.00200	±20%			C1608X5R2A103M080AA
10nF	2012	1.25±0.20	±10%		C2012X5R2E103K125AA	
			±20% ±10%	C3216X5R2J103K115AA	C2012X5R2E103M125AA	
	3216	1.15±0.15	±20%	C3216X5R2J103M115AA		
	1608	0.80±0.10	±10%			C1608X5R2A153K080AA
	1008	0.00 ± 0.10	±20%			C1608X5R2A153M080AA
15nF	2012	1.25±0.20	±10%		C2012X5R2E153K125AA	
			±20% ±10%	C3216X5R2J153K130AA	C2012X5R2E153M125AA	
	3216	1.30±0.20	±20%	C3216X5R2J153M130AA		
	1600	0.00.0.10	±10%			C1608X5R2A223K080AA
	1608	0.80±0.10	±20%			C1608X5R2A223M080AA
22nF	2012	1.25±0.20	±10%		C2012X5R2E223K125AA	
			±20%	C3016V5D0 1000V100AA	C2012X5R2E223M125AA	
	3216	1.30±0.20	±10% ±20%	C3216X5R2J223K130AA C3216X5R2J223M130AA		
	20:-		±20%	JOE TO TO TECEPONITOURA		C2012X5R2A333K125AA
22rE	2012	1.25±0.20	±20%			C2012X5R2A333M125AA
33nF	3216	1.60±0.20	±10%	C3216X5R2J333K160AA	C3216X5R2E333K160AA	
	0 <u>L</u> 10	1.00±0.20	±20%	C3216X5R2J333M160AA	C3216X5R2E333M160AA	00040)/===-
	2012	1.25±0.20	±10%			C2012X5R2A473K125AA
			±20% ±10%		C3216X5R2E473K160AA	C2012X5R2A473M125AA
47nF	3216	1.60±0.20	±10%		C3216X5R2E473M160AA	
	2005	0.00.000	±10%	C3225X5R2J473K200AA		
	3225	2.00±0.20	±20%	C3225X5R2J473M200AA		
	2012	0.85±0.15	±10%			C2012X5R2A683K085AA
			±20%		00040VED0E000V400	C2012X5R2A683M085AA
68nF	3216	1.60±0.20	±10%		C3216X5R2E683K160AA	
			±20% ±10%	C3225X5R2J683K200AA	C3216X5R2E683M160AA	
	3225	2.00±0.20	±20%	C3225X5R2J683M200AA		

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

: !	D:	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 250V	Rated voltage Edc: 100V
	2012	1.25±0.20	±10%			C2012X5R2A104K125AA
	2012	1.25±0.20	±20%			C2012X5R2A104M125AA
100nF	3216	1.60±0.20	±10%		C3216X5R2E104K160AA	
100111	3210	1.00±0.20	±20%		C3216X5R2E104M160AA	
	4532	2.30±0.20	±10%	C4532X5R2J104K230KA		
	4332	2.30±0.20	±20%	C4532X5R2J104M230KA		
	3216	1.60±0.20	±10%			C3216X5R2A154K160AA
	3210	1.00±0.20	±20%			C3216X5R2A154M160AA
150nF		2.00±0.20	±10%		C3225X5R2E154K200AA	
13011		2.00±0.20	±20%		C3225X5R2E154M200AA	
		1.60±0.20	±10%	C5750X5R2J154K160KA		
	3730	1.00±0.20	±20%	C5750X5R2J154M160KA		
	3216	1.15±0.15	±10%			C3216X5R2A224K115AA
	3210	1.15±0.15	±20%			C3216X5R2A224M115AA
000-5	2005	0.00.0.00	±10%		C3225X5R2E224K200AA	
220nF	3225	2.00±0.20	±20%		C3225X5R2E224M200AA	
·-	5750	0.00.000	±10%	C5750X5R2J224K230KA		
	5750	2.30±0.20	±20%	C5750X5R2J224M230KA		
	2012	4.00.000	±10%			C3216X5R2A334K130AA
	3216	1.30±0.20 -	±20%			C3216X5R2A334M130AA
330nF	4500		±10%		C4532X5R2E334K230KA	
	4532		±20%		C4532X5R2E334M230KA	
	2012	1 00 0 00	±10%			C3216X5R2A474K160AA
470 -	3216	1.60±0.20	±20%			C3216X5R2A474M160AA
470nF	4500		±10%		C4532X5R2E474K230KA	
	4532	2.30±0.20	±20%		C4532X5R2E474M230KA	
			±10%			C3216X5R2A684K160AA
	3216	1.60±0.20	±20%			C3216X5R2A684M160AA
680nF			±10%		C5750X5R2E684K230KA	
	5750	2.30±0.20	±20%		C5750X5R2E684M230KA	
			±10%			C3216X5R2A105K160AA
	3216	1.60±0.20	±20%			C3216X5R2A105M160AA
1μF			±10%		C5750X5R2E105K230KA	
	5750	2.30±0.20	±20%		C5750X5R2E105M230KA	
			±10%			C3225X5R2A155K200AB
1.5µF	3225	2.00±0.20	±20%			C3225X5R2A155M200AB
			±10%			C3225X5R2A225K230AB
2.2µF	3225	2.30±0.20	±20%			C3225X5R2A225M230AB
			±10%			C5750X5R2A335K230KA
3.3µF	5750	2.30±0.20	±20%			C5750X5R2A335M230KA
			±10%			C5750X5R2A475K230KA
4.7µF	5750	2.30±0.20	±20%			C5750X5R2A475M230KA

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.

Capacitance range table

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

	Capacitance	Dimonoiono	Thickness	Capacitance	Catalog number	
Capacitarice		Difficitions	(mm)	tolerance	Rated voltage Edc: 450V	
	1µF	5750	2.50+0.30	±10%	C5750X6S2W105K250KA	
	iμr	3730	2.50±0.50	±20%	C5750X6S2W105M250KA	
	2 205	5750	2.50+0.30	±10%	C5750X6S2W225K250KA	
	2.2µF	3730	2.50±0.50	±20%	C5750X6S2W225M250KA	

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

Canacitanas	Dimensions	Thickness	Capacitance	Catalog number				
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 250V	Rated voltage Edc: 100V		
	1608	0.80±0.10	±10%			C1608X7R2A102K080AA		
			±20%			C1608X7R2A102M080AA		
1nF	2012	0.85±0.15	±10% ±20%		C2012X7R2E102K085AA C2012X7R2E102M085AA	C2012X7R2A102K085AA		
			±10%	C3216X7R2J102K115AA	G2012A7R2E102W003AA	C2012X7R2A102M085AA		
	3216	1.15±0.15	±20%	C3216X7R2J102M115AA				
-	1000		±10%			C1608X7R2A152K080AA		
	1608	0.80±0.10	±20%			C1608X7R2A152M080AA		
1.5nF	2012	0.85±0.15	±10%		C2012X7R2E152K085AA	C2012X7R2A152K085AA		
		0.0020.10	±20%		C2012X7R2E152M085AA	C2012X7R2A152M085AA		
	3216	1.15±0.15	±10%	C3216X7R2J152K115AA				
			±20% ±10%	C3216X7R2J152M115AA		C1608X7R2A222K080AA		
	1608	0.80±0.10	±20%			C1608X7R2A222M080AA		
0.0	0010	0.05.0.45	±10%		C2012X7R2E222K085AA	C2012X7R2A222K085AA		
2.2nF	2012	0.85±0.15	±20%		C2012X7R2E222M085AA	C2012X7R2A222M085AA		
	3216	1.15±0.15	±10%	C3216X7R2J222K115AA				
	02.0		±20%	C3216X7R2J222M115AA				
	1608	0.80±0.10	±10%			C1608X7R2A332K080AA		
			±20% ±10%		C2012X7R2E332K085AA	C1608X7R2A332M080AA C2012X7R2A332K085AA		
3.3nF	2012	0.85±0.15	±10%		C2012X7R2E332M085AA	C2012X7R2A332M085AA		
			±10%	C3216X7R2J332K115AA	02012/1112202111000/11	02012771127002111000707		
	3216	1.15±0.15	±20%	C3216X7R2J332M115AA				
	1608	0.80±0.10	±10%			C1608X7R2A472K080AA		
	1000	0.00±0.10	±20%			C1608X7R2A472M080AA		
4.7nF	2012	0.85±0.15	±10%		C2012X7R2E472K085AA	C2012X7R2A472K085AA		
			±20%	C2016V7D0 I470V116AA	C2012X7R2E472M085AA	C2012X7R2A472M085AA		
	3216	1.15±0.15	±10% ±20%	C3216X7R2J472K115AA C3216X7R2J472M115AA				
-			±10%	00210771120172111110701		C1608X7R2A682K080AA		
	1608	0.80±0.10	±20%			C1608X7R2A682M080AA		
		0.85±0.15	±10%			C2012X7R2A682K085AA		
6.8nF	2012 -	0.00±0.10	±20%			C2012X7R2A682M085AA		
			20.2	1.25±0.20	±10%		C2012X7R2E682K125AA	
			±20% ±10%	C3216X7R2J682K115AA	C2012X7R2E682M125AA			
	3216	1.15±0.15	±20%	C3216X7R2J682M115AA				
			±10%	00210771120002111110701		C1608X7R2A103K080AA		
	1608	0.80±0.10	±20%			C1608X7R2A103M080AA		
		0.85±0.15	±10%			C2012X7R2A103K085AA		
10nF	2012 -	0.00±0.10	±20%			C2012X7R2A103M085AA		
				1.25±0.20	±10%		C2012X7R2E103K125AA	
			±20% ±10%	C3216X7R2J103K115AA	C2012X7R2E103M125AA			
	3216	1.15±0.15	±20%	C3216X7R2J103M115AA				
-			±10%			C1608X7R2A153K080AA		
	1608	0.80±0.10	±20%			C1608X7R2A153M080AA		
	2012	1.25±0.20	±10%		C2012X7R2E153K125AA	C2012X7R2A153K125AA		
15nF	2012	1.2020.20	±20%		C2012X7R2E153M125AA	C2012X7R2A153M125AA		
		1.15±0.15	±10%		C3216X7R2E153K115AA			
	3216 -		±20%	C2016V7D0 I150V120AA	C3216X7R2E153M115AA			
		1.30±0.20	±10% ±20%	C3216X7R2J153K130AA C3216X7R2J153M130AA				
			±10%	00210X/1120130W1100AA		C1608X7R2A223K080AA		
	1608	0.80±0.10	±20%			C1608X7R2A223M080AA		
	2012	1 25, 0 20	±10%		C2012X7R2E223K125AA	C2012X7R2A223K125AA		
22nF	2012	1.25±0.20	±20%		C2012X7R2E223M125AA	C2012X7R2A223M125AA		
		1.15±0.15	±10%		C3216X7R2E223K115AA			
	3216 -		±20%	C0010V7D0 1000V100	C3216X7R2E223M115AA			
		1.30±0.20	±10% ±20%	C3216X7R2J223K130AA				
			±20% ±10%	C3216X7R2J223M130AA		C2012X7R2A333K125AA		
	2012	1.25±0.20	±20%			C2012X7R2A333M125AA		
00-5		4.45.0.45	±10%			C3216X7R2A333K115AA		
33nF	3216 -	1.15±0.15	±20%			C3216X7R2A333M115AA		
	JE 10 -	1.60±0.20	±10%	C3216X7R2J333K160AA	C3216X7R2E333K160AA			
			±20%	C3216X7R2J333M160AA	C3216X7R2E333M160AA			

Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. Please note that the contents may change without any prior notice due to reasons such as upgrading.



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

Capacitance	Dimensions	Thickness	Capacitance	Catalog number		
оараспанос	Dimensions	(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 250V	Rated voltage Edc: 100\
	2012	1.25±0.20	±10%			C2012X7R2A473K125AA
			±20%			C2012X7R2A473M125AA
		1.15±0.15	±10%			C3216X7R2A473K115AA
47nF	3216 -		±20% ±10%		C2216V7D2E472V160AA	C3216X7R2A473M115AA
		1.60±0.20	±10%		C3216X7R2E473K160AA C3216X7R2E473M160AA	
-			±20%	C3225X7R2J473K200AA	C3216X/R2E4/3W160AA	
	3225	2.00±0.20	±10%	C3225X7R2J473M200AA		
			±10%	OUZZSX/TIZUT/ OWIZOUAA		C2012X7R2A683K085AA
	2012	0.85±0.15	±20%			C2012X7R2A683M085AA
•			±10%		C3216X7R2E683K160AA	C3216X7R2A683K160AA
	3216	1.60±0.20	±20%		C3216X7R2E683M160AA	C3216X7R2A683M160A
68nF	2005		±10%	C3225X7R2J683K200AA		
	3225	2.00±0.20	±20%	C3225X7R2J683M200AA		
•	4500	1.00.0.00	±10%	C4532X7R2J683K160KA		
	4532	1.60±0.20	±20%	C4532X7R2J683M160KA		
	2012	1.25±0.20	±10%			C2012X7R2A104K125AA
	2012	1.23±0.20	±20%			C2012X7R2A104M125AA
	3216	1.60±0.20	±10%		C3216X7R2E104K160AA	C3216X7R2A104K160AA
100nF		1.00±0.20	±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%			C3216X7R2A154K160AA
			±20%		0000577705454700044	C3216X7R2A154M160A/
	3225	2.00±0.20	±10%		C3225X7R2E154K200AA	
150nF			±20%		C3225X7R2E154M200AA	
	4532	1.60±0.20	±10% ±20%		C4532X7R2E154K160KA C4532X7R2E154M160KA	
				C5750X7R2J154K160KA	C4552A/RZE 154W1160RA	
	5750	1.60±0.20	±10% ±20%	C5750X7R2J154M160KA		
			±10%	00700717120707111700707		C3216X7R2A224K115AA
	3216	1.15±0.15	±20%			C3216X7R2A224M115AA
			±10%		C3225X7R2E224K200AA	
	3225	2.00±0.20	±20%		C3225X7R2E224M200AA	
220nF	4500		±10%		C4532X7R2E224K230KA	
	4532	2.30±0.20	±20%		C4532X7R2E224M230KA	
•	E7E0	2 20 - 0 20	±10%	C5750X7R2J224K230KA		
	5750	2.30±0.20	±20%	C5750X7R2J224M230KA		
	3216	1.30±0.20	±10%			C3216X7R2A334K130AA
	3210	1.00±0.20	±20%			C3216X7R2A334M130AA
	3225	2.00±0.20	±10%			C3225X7R2A334K200AA
330nF	0220	2.0020.20	±20%			C3225X7R2A334M200A/
000	4532	2.30±0.20	±10%		C4532X7R2E334K230KA	
			±20%		C4532X7R2E334M230KA	
	5750	1.60±0.20	±10%		C5750X7R2E334K160KA	
			±20%		C5750X7R2E334M160KA	00040\/7804.7744.55
	3216	1.60±0.20	±10%			C3216X7R2A474K160AA
			±20%			C3216X7R2A474M160A/
	3225	2.00±0.20	±10%			C3225X7R2A474K200AA
470nF			±20%		C4E99V7D9E474V999V4	C3225X7R2A474M200A
	4532	2.30±0.20	±10% ±20%		C4532X7R2E474K230KA	
					C4532X7R2E474M230KA	
	5750	2.30±0.20	±10% ±20%		C5750X7R2E474K230KA C5750X7R2E474M230KA	
			±20% ±10%		00/00X/112L4/4WI20UNA	C3216X7R2A684K160A
	3216	1.60±0.20	±10%			C3216X7R2A684M160A/
			±20%			C3225X7R2A684K160A
	3225	1.60±0.20	±10%			C3225X7R2A684M160A/
			±10%			C4532X7R2A684K230K/
680nF	4532	2.30±0.20	±20%			C4532X7R2A684M230K/
ē			±10%			C5750X7R2A684K160KA
		1.60±0.20	±20%			C5750X7R2A684M160KA
	5750 -		±10%		C5750X7R2E684K230KA	
		2.30±0.20				

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

Consoitones	Dimensions	Thickness (mm)	Capacitance _ tolerance	Catalog number		
Capacitance				Rated voltage Edc: 250V	Rated voltage Edc: 100V	
1µF	3216	1.60±0.20	±10%		C3216X7R2A105K160AA	
			±20%		C3216X7R2A105M160AA	
	3225	2.00±0.20	±10%		C3225X7R2A105K200AA	
			±20%		C3225X7R2A105M200AA	
	4532	2.30±0.20	±10%		C4532X7R2A105K230KA	
			±20%		C4532X7R2A105M230KA	
	5750	2.30±0.20	±10%	C5750X7R2E105K230KA	C5750X7R2A105K230KA	
			±20%	C5750X7R2E105M230KA	C5750X7R2A105M230KA	
1.5µF	3225	2.00±0.20	±10%		C3225X7R2A155K200AB	
			±20%		C3225X7R2A155M200AB	
	4532	2.30±0.20	±10%		C4532X7R2A155K230KA	
			±20%		C4532X7R2A155M230KA	
	5750	2.30±0.20	±10%		C5750X7R2A155K230KA	
			±20%		C5750X7R2A155M230KA	
2.2µF	3225	2.30±0.20	±10%		C3225X7R2A225K230AB	
			±20%		C3225X7R2A225M230AB	
	4532	2.30±0.20	±10%		C4532X7R2A225K230KA	
			±20%		C4532X7R2A225M230KA	
	5750	2.30±0.20	±10%		C5750X7R2A225K230KA	
			±20%		C5750X7R2A225M230KA	
3.3µF	5750	2.30±0.20	±10%		C5750X7R2A335K230KA	
			±20%		C5750X7R2A335M230KA	
4.7µF	5750	2.30±0.20	±10%		C5750X7R2A475K230KA	
			±20%		C5750X7R2A475M230KA	

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

Capacitance	Dimensions	Thickness (mm)	Capacitance _ tolerance	Catalog number Rated voltage Edc: 100V	
1nF	1005	0.50±0.05	±10%	C1005X7S2A102K050BB	
ШЕ	1005	0.50±0.05	±20%	C1005X7S2A102M050BB	
1.5nF	1005	0.50±0.05	±10%	C1005X7S2A152K050BB	
1.511	1005	0.50±0.05	±20%	C1005X7S2A152M050BB	
2.2nF	1005	0.50±0.05	±10%	C1005X7S2A222K050BB	
2.2111	1005		±20%	C1005X7S2A222M050BB	
3.3nF	1005	0.50±0.05	±10%	C1005X7S2A332K050BB	
3.3111	1003		±20%	C1005X7S2A332M050BB	
4.7nF	1005	0.50±0.05	±10%	C1005X7S2A472K050BB	
4.7111	1003		±20%	C1005X7S2A472M050BB	
6.8nF	1005	0.50±0.05	±10%	C1005X7S2A682K050BB	
0.0111	1003		±20%	C1005X7S2A682M050BB	
10nF	1005	0.50±0.05	±10%	C1005X7S2A103K050BB	
10111	1003		±20%	C1005X7S2A103M050BB	
33nF	1608	0.80±0.10	±10%	C1608X7S2A333K080AB	
33111	1000		±20%	C1608X7S2A333M080AB	
47nF	1608	0.00.040	±10%	C1608X7S2A473K080AB	
4/11	1006	0.80±0.10	±20%	C1608X7S2A473M080AB	
68nF	1608	0.00.0.10	±10%	C1608X7S2A683K080AB	
DOTT	1000	0.80±0.10	±20%	C1608X7S2A683M080AB	
100nF	1608	0.00.0.10	±10%	C1608X7S2A104K080AB	
TOURF	1608	0.80±0.10	±20%	C1608X7S2A104M080AB	
150-5	0010	0.05.045	±10%	C2012X7S2A154K085AB	
150nF	2012	0.85±0.15	±20%	C2012X7S2A154M085AB	
000.5	2012	0.85±0.15	±10%	C2012X7S2A224K085AB	
220nF			±20%	C2012X7S2A224M085AB	
000-5	2010	1.25±0.20	±10%	C2012X7S2A334K125AB	
330nF	2012		±20%	C2012X7S2A334M125AB	
470 - 5	0010	1.25±0.20	±10%	C2012X7S2A474K125AB	
470nF	2012		±20%	C2012X7S2A474M125AB	
000.5	0010	1.25±0.20	±10%	C2012X7S2A684K125AB	
680nF	2012		±20%	C2012X7S2A684M125AB	
4.5	0010	1.25±0.20	±10%	C2012X7S2A105K125AB	
1µF	2012		±20%	C2012X7S2A105M125AB	
45.5	0010		±10%	C3216X7S2A155K160AB	
1.5µF	3216	1.60±0.20	±20%	C3216X7S2A155M160AB	
00.5	0010	4.00.0.00	±10%	C3216X7S2A225K160AB	
2.2µF	3216	1.60±0.20	±20%	C3216X7S2A225M160AB	
	0010	1.60+0.30,-0.10	±10%	C3216X7S2A335K160AB	
	3216		±20%	C3216X7S2A335M160AB	
00.5	0005		±10%	C3225X7S2A335K200AB	
3.3µF	3225	2.00±0.20	±20%	C3225X7S2A335M200AB	
	4500	0.00.000	±10%	C4532X7S2A335K200KB	
	4532	2.00±0.20	±20%	C4532X7S2A335M200KB	
	0005	2.00±0.20	±10%	C3225X7S2A475K200AB	
4 7	3225		±20%	C3225X7S2A475M200AB	
4.7μF	4500	2.30±0.20	±10%	C4532X7S2A475K230KB	
	4532		±20%	C4532X7S2A475M230KB	
	F7F^	2.00±0.20	±10%	C5750X7S2A685K200KB	
6.8µF	5750		±20%	C5750X7S2A685M200KB	
	F7F^	0.00.000	±10%	C5750X7S2A106K230KB	
10μF	5750	2.30±0.20	±20%	C5750X7S2A106M230KB	
15µF	5750	2.50±0.30	±20%	C5750X7S2A156M250KB	
22µF	5750	2.80±0.30	±20%	C5750X7S2A226M280KB	

[■] Gray items: These products are not recommended for new designs. Click the part numbers for details.



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

Capacitance	Dimensions	Thickness	Capacitance	Catalog number			
- ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		(mm)	tolerance	Rated voltage Edc: 630V	Rated voltage Edc: 450V	Rated voltage Edc: 350V	Rated voltage Edc: 250V
10nF -	2012	0.85±0.15	±10%		C2012X7T2W103K085AA	C2012X7T2V103K085AA	
			±20%	C0010V7T0 1400V00F 60	C2012X7T2W103M085AA	C2012X7T2V103M085AA	
	3216	0.85±0.15	±10% ±20%	C3216X7T2J103K085AC C3216X7T2J103M085AC			
			±20% ±10%	C3216X/12J1U3IVIU85AC	C2012X7T2W153K085AA	C2012X7T2V153K085AA	
15nF	2012	0.85±0.15	±10% ±20%		C2012X7T2W153K085AA	C2012X7T2V153K085AA	
			±20 % ±10%	C3216X7T2J153K085AC	02012A712W155W065AA	G2012A712V155W005AA	
	3216	0.85±0.15	±10%	C3216X7T2J153M085AC			
			±10%	002107/120100070	C2012X7T2W223K125AA	C2012X7T2V223K125AA	
22nF -	2012	1.25±0.20	±20%		C2012X7T2W223M125AA	C2012X7T2V223M125AA	
			±10%	C3216X7T2J223K115AC			
	3216	1.15±0.15	±20%	C3216X7T2J223M115AC			
	2012	1.25±0.20	±10%		C2012X7T2W333K125AA	C2012X7T2V333K125AA	C2012X7T2E333K125AA
			±20%		C2012X7T2W333M125AA	C2012X7T2V333M125AA	C2012X7T2E333M125AA
33nF	3216	4.45.0.45	±10%	C3216X7T2J333K115AC			
		1.15±0.15	±20%	C3216X7T2J333M115AC			
	2012	1.25±0.20	±10%		C2012X7T2W473K125AA	C2012X7T2V473K125AA	C2012X7T2E473K125AA
47nF			±20%		C2012X7T2W473M125AA	C2012X7T2V473M125AA	C2012X7T2E473M125AA
4/11	3216	1.60±0.20	±10%	C3216X7T2J473K160AC			
			±20%	C3216X7T2J473M160AC			
	2012	1.25±0.20	±10%				C2012X7T2E683K125AA
68nF	LV 1 L	1.20±0.20	±20%				C2012X7T2E683M125AA
00111	3216	1.30±0.20	±10%		C3216X7T2W683K130AA	C3216X7T2V683K130AA	
			±20%		C3216X7T2W683M130AA	C3216X7T2V683M130AA	
	2012	1.25±0.20	±10%				C2012X7T2E104K125AA
			±20%				C2012X7T2E104M125AA
100nF	3216	1.60±0.20	±10%		C3216X7T2W104K160AA	C3216X7T2V104K160AA	
			±20%		C3216X7T2W104M160AA	C3216X7T2V104M160AA	
	3225	1.60±0.20	±10%	C3225X7T2J104K160AC			
			±20%	C3225X7T2J104M160AC			0004077705454740044
150nF -	3225 2.00±0	1.30±0.20 2.00±0.20 1.60±0.20	±10%				C3216X7T2E154K130AA
			±20%	C3225X7T2J154K200AC			C3216X7T2E154M130AA
			±10% ±20%	C3225X7T2J154M200AC			
			±20 % ±10%	C4532X7T2J154K160KC			
			±10%	C4532X7T2J154M160KC			
	3216 1	1.60±0.20	±10%	0.002/1.12010100110			C3216X7T2E224K160AA
			±20%				C3216X7T2E224M160AA
		2.00±0.20	±10%		C3225X7T2W224K200AA		
220nF	3225		±20%		C3225X7T2W224M200AA		
•	4532	2.00±0.20	±10%	C4532X7T2J224K200KC			
			±20%	C4532X7T2J224M200KC			
2005	4500		±10%	C4532X7T2J304K250KA			
300nF	4532	2.50±0.30	±20%	C4532X7T2J304M250KA			
	3005	3225 2.00±0.20	±10%				C3225X7T2E334K200AA
330nF	J223	2.00±0.20	±20%				C3225X7T2E334M200AA
	4532	4532 1.60±0.20	±10%		C4532X7T2W334K160KA		
	4532	7002 1.00		±20%		C4532X7T2W334M160KA	
	5750	2.00±0.20	±10%	C5750X7T2J334K200KC			
	0700	2.50±0.20	±20%	C5750X7T2J334M200KC			
	4532	2.30±0.20	±10%		C4532X7T2W474K230KA		
470nF	5750		±20%		C4532X7T2W474M230KA		
-17 0/11			±10%	C5750X7T2J474K250KC			
	5,00	L.00±0.00	±20%	C5750X7T2J474M250KC			0.4500\/
	4532	1.60±0.20	±10%				C4532X7T2E684K160KA
680nF -	5750	2.00±0.20	±20%		OF7E0V7T0\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		C4532X7T2E684M160KA
			±10%		C5750X7T2W684K200KA		
			±20%		C5750X7T2W684M200KA		C4E00V7T0E40E1/0E01/4
1μF -	4532	2.50±0.30	±10%				C4532X7T2E105K250KA
	5750	2.50±0.30	±20%		CEZEOVZTOM/10EKOEOKA		C4532X7T2E105M250KA
			±10%		C5750X7T2W105K250KA		
			±20%		C5750X7T2W105M250KA		C5750Y7T0E155V000VA
1.5µF	5750	0 2.00±0.20	±10%				C5750X7T2E155K200KA
•			±20% ±10%				C5750X7T2E155M200KA C5750X7T2E225K250KA
2.2µF	5750	2.50±0.30	±10% ±20%				
			IZU //0				C5750X7T2E225M250KA

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