

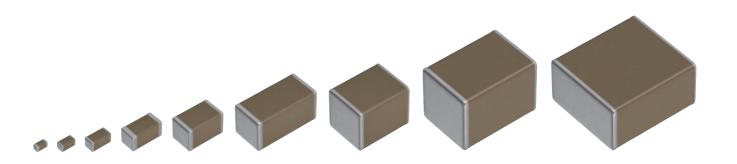
# MULTILAYER CERAMIC CHIP CAPACITORS

Commercial grade, general (Up to 75V)

# C series

C0402	[01005 inch]
C0603	[0201 inch]
C1005	[0402 inch]
C1608	[0603 inch]
C2012	[0805 inch]
C3216	[1206 inch]
C3225	[1210 inch]
C4532	[1812 inch]
C5750	[2220 inch]

<sup>\*</sup> 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 product label.

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



Dimensions in mm

# C series

## General (Up to 75V)



Type: C0402 [01005 inch], C0603 [0201 inch], C1005 [0402 inch], C1608 [0603 inch], C2012 [0805 inch], C3216 [1206 inch], C3225 [1210 inch], C4532 [1812 inch], C5750 [2220 inch]

#### **SERIES OVERVIEW**

TDK multilayer ceramic chip capacitor C series is a product for surface mount which multiple sheets of dielectric and conductive material are layered alternately. The monolithic structure ensures superior mechanical strength and reliability.

Also the lower ESR, ESL and better frequency characteristics are offered by the simple structure than other capacitors. The capacitance range is up to 100uF and the line-up has been expanding to the region of the film capacitor or electrolytic capacitor.

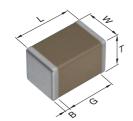
#### **FEATURES**

- The superior mechanical strength and reliability due to the monolithic structure.
- Low ESR, ESL and excellent frequency characteristics allow for a circuit design that closely conforms to theoretical values.
- · Low self-heating and high ripple resistance due to low ESR.
- No polarity.

#### APPLICATIONS

- · general electronic equipment
- · mobile devices
- · Servers, PCs, tablets
- · Power supply circuit

#### **SHAPE & DIMENSIONS**



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

#### Type C0402 0.40±0.02 0.20±0.02 0.20±0.02 0.07 min. 0.14 min. 0.60±0.03 C0603 $0.30\pm0.03$ $0.30\pm0.03$ 0.10 min. 0.20 min 1.00±0.05 0.50±0.05 0.50±0.05 0.10 min. 0.30 min.

C1005 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 0.50 min 0.20 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. 4.50±0.40 C4532 3.20±0.40 3.20±0.40 0.20 min. C5750 5.70±0.40 5.00±0.40 2.80±0.30 0.20 min.

<sup>\*</sup>Dimensional tolerances are typical values.

#### **MULTILAYER CERAMIC CHIP CAPACITORS**



#### **CATALOG NUMBER CONSTRUCTION**

C	3216	X5R	1 <b>A</b>	107	M	160	Α	С
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

#### (1) Series

#### (2) Dimensions L x W (mm)

Code	EIA	Length	Width	Terminal width
0402	CC01005	0.40	0.20	0.07
0603	CC0201	0.60	0.30	0.10
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
СН	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

#### (4) Rated voltage (DC)

` '	<b>3</b> ( )
Code	Voltage (DC)
0G	4V
OJ	6.3V
1A	10V
1C	16V
1E	25V
1V	35V
1H	50V
1N	75V

#### (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 = 2.2µF

#### (6) Capacitance tolerance

Code	Tolerance			
В	±0.10pF			
С	±0.25pF			
D	±0.50pF			
F	±1%			
G	±2%			
J	±5%			
K	±10%			
М	±20%			

#### (7) Thickness

Code	Thickness	
020	0.20 mm	
030	0.30 mm	
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

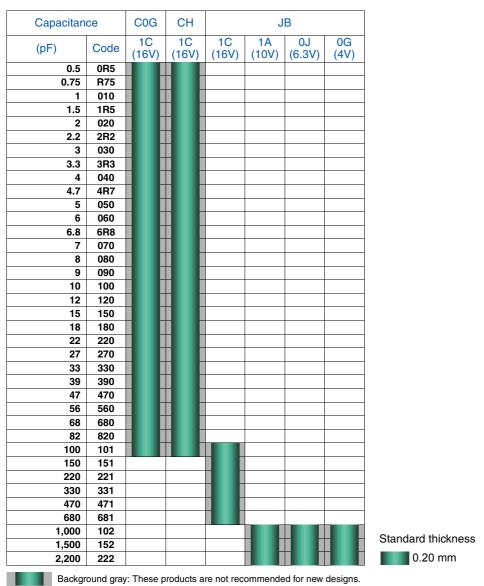
Code	Style	
Α	178mm reel, 4mm pitch	
В	178mm reel, 2mm pitch	
K	178mm reel, 8mm pitch	

#### (9) Special reserved code

Code	Description	
A. B. C	TDK internal code	



C0402 [01005 inch]



For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.

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.



#### C0402 [01005 inch]



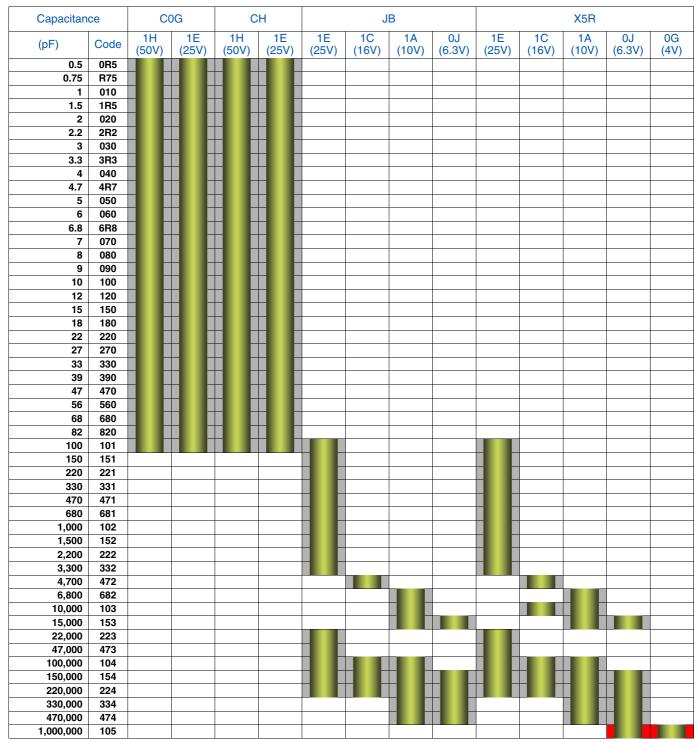
Background gray: These products are not recommended for new designs.

Background red: The product which is planning to stop production

■ For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



#### C0603 [0201 inch]



Standard thickness 0.30 mm

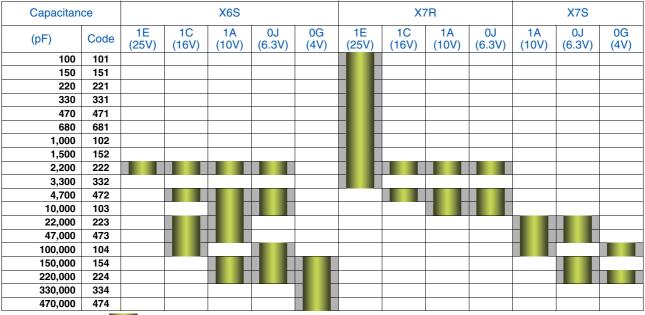
Background gray: These products are not recommended for new designs.

Background red: The product which is planning to stop production

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#### C0603 [0201 inch]



Standard thickness 0.30 mm

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

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



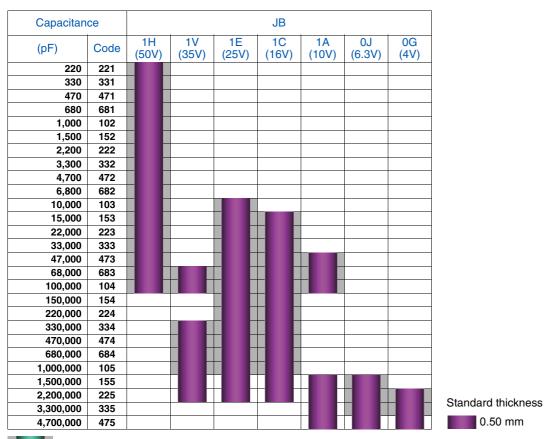
C1005 [0402 inch]

Capacitan	ce	C	OG	CH	
(pF)	Code	1H (50V)	1E (25V)	1H (50V)	
0.5	0R5		( - /		
0.75	R75				
1	010				
1.5	1R5				
2	020				
3	030				
4	040				
5	050				
6	060				
7	070				
8	080				
9	090				
10	100				
12	120				
15	150				
18	180				
22	220				
27	270				
33	330				
39	390				
47	470				
56	560				
68	680				
82	820				
100	101				
120	121				
150	151				
180 220	181 221				
270	271				
330	331				
330	391				
470	471				
560	561				
680	681				
820	821				Standard thickr
1,000	102				0.50 mm
1,000	102				0.00 11111

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C1005 [0402 inch]



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

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C1005 [0402 inch]

Capacitan	ce				X5R			
(pF)	Code	1H (50V)	1V (35V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0G (4V)
220	221							
330	331							
470	471							
680	681							
1,000	102							
1,500	152							
2,200	222							
3,300	332							
4,700	472							
6,800	682							
10,000	103							
15,000	153							
22,000	223							
33,000	333							
47,000	473							
68,000	683							
100,000	104							
150,000	154							
220,000	224							
330,000	334							
470,000	474							
680,000	684							
1,000,000	105							
1,500,000	155							
2,200,000	225							
3,300,000	335							
4,700,000	475							

Standard thickness 0.50 mm

Capacitan	Capacitance		X6S							
(pF)	Code	1H (50V)	1V (35V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0G (4V)		
10,000	103									
15,000	153									
22,000	223									
33,000	333									
47,000	473									
68,000	683									
100,000	104									
150,000	154									
220,000	224									
330,000	334									
470,000	474									
680,000	684									
1,000,000	105									
1,500,000	155									
2,200,000	225									
3,300,000	335									
4,700,000	475									

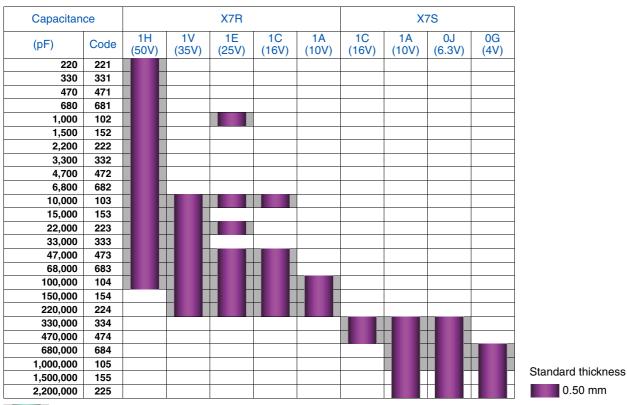
Standard thickness 0.50 mm

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 24 and after.



C1005 [0402 inch]

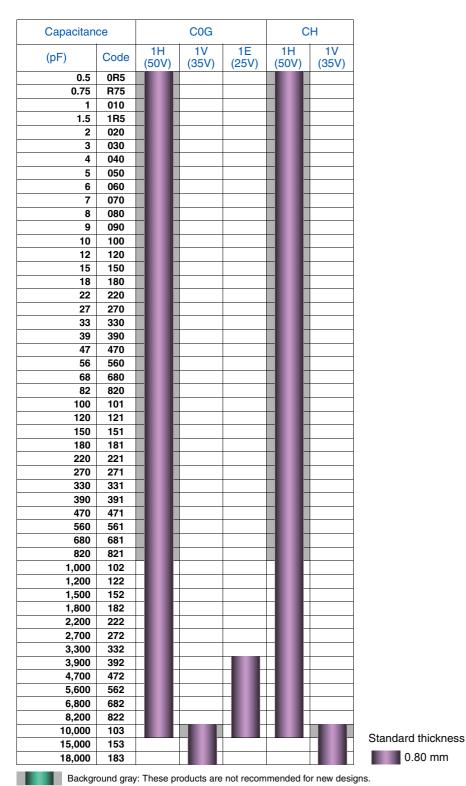


Background gray: These products are not recommended for new designs.

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C1608 [0603 inch]

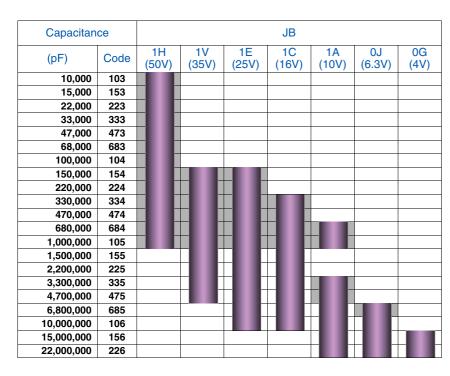


<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.

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C1608 [0603 inch]



Standard thickness 0.80 mm

Capacitan	се	X5R							
(pF)	Code	1H (50V)	1V (35V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0G (4V)	
10,000	103								
15,000	153								
22,000	223								
33,000	333								
47,000	473								
68,000	683								
100,000	104								
150,000	154								
220,000	224								
330,000	334								
470,000	474								
680,000	684								
1,000,000	105								
1,500,000	155								
2,200,000	225								
3,300,000	335								
4,700,000	475								
6,800,000	685								
10,000,000	106								
15,000,000	156								
22,000,000	226								

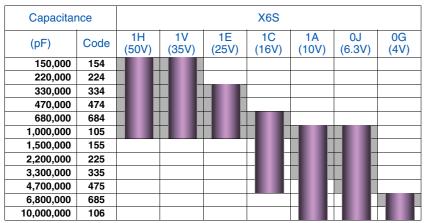
Standard thickness 0.80 mm

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

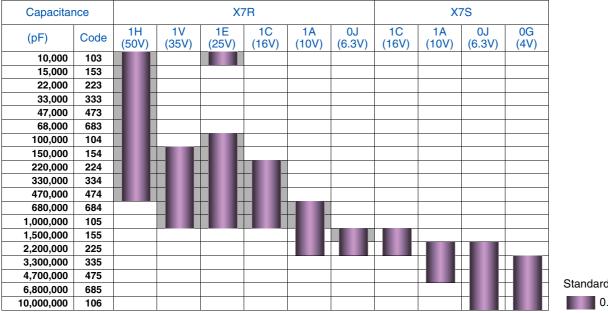
■ For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C1608 [0603 inch]



Standard thickness 0.80 mm



Standard thickness 0.80 mm

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

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C2012 [0805 inch]

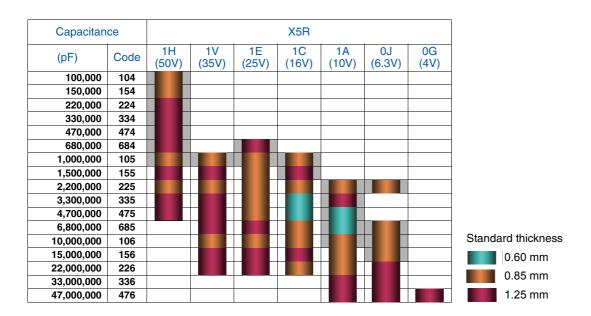


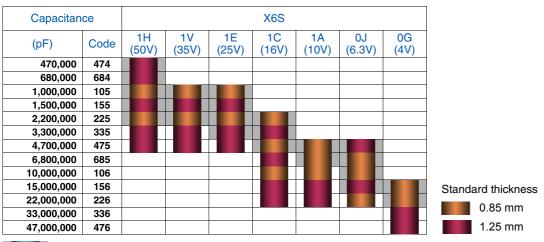
Background gray: These products are not recommended for new designs.

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C2012 [0805 inch]



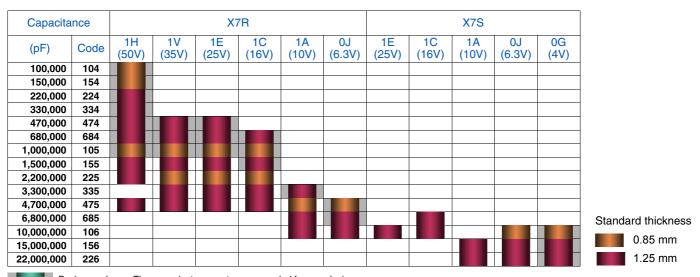


Background gray: These products are not recommended for new designs.

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C2012 [0805 inch]

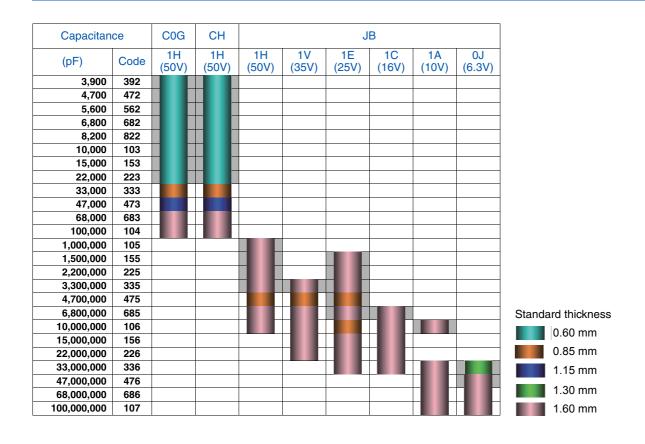


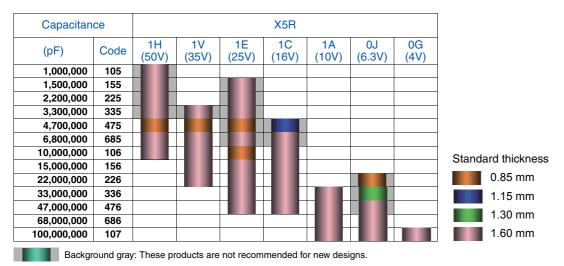
Background gray: These products are not recommended for new designs.

■ For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C3216 [1206 inch]

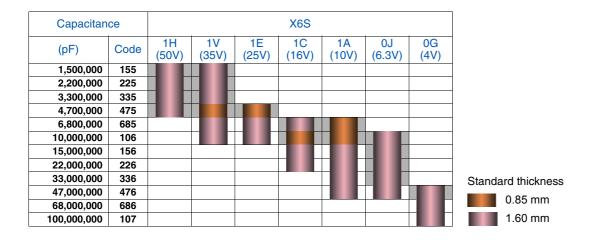




■ For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C3216 [1206 inch]

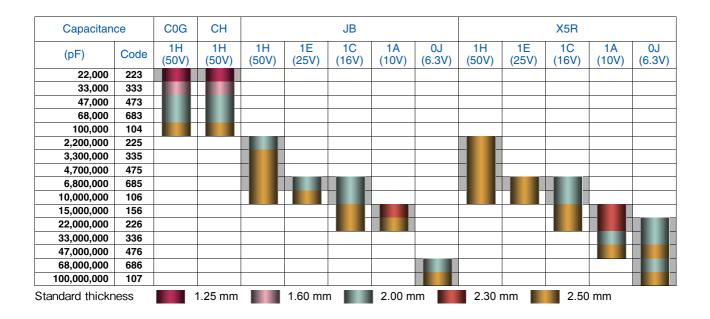


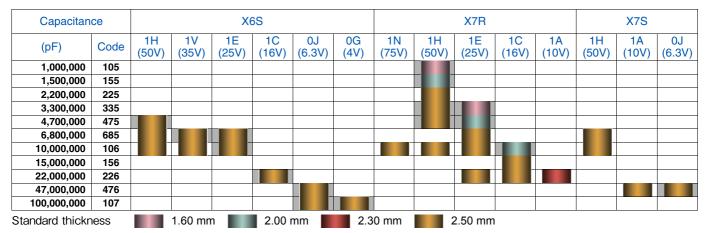


<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



#### C3225 [1210 inch]



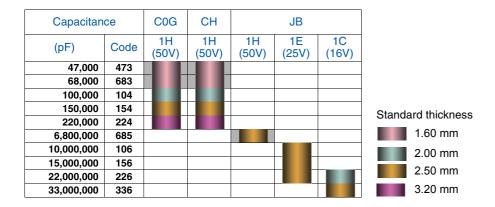


Background gray: These products are not recommended for new designs.

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C4532 [1812 inch]



Capacitan	ce			X5R			X6S		X7R	
(pF)	Code	1H (50V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0J (6.3V)	1H (50V)	1E (25V)	1C (16V)
1,000,000	105									
2,200,000	225									
3,300,000	335									
4,700,000	475									
6,800,000	685									
10,000,000	106									
15,000,000	156								•	
22,000,000	226									
33,000,000	336									
47,000,000	476									
68,000,000	686									
100,000,000	107									

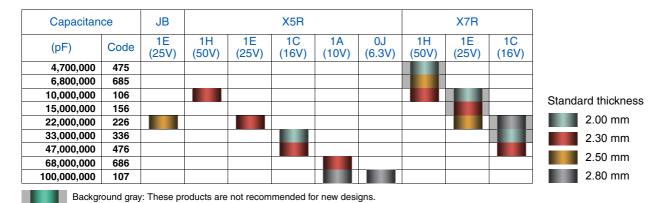


Background gray: These products are not recommended for new designs.

<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



C5750 [2220 inch]



<sup>■</sup> For details such as the catalog numbers, please refer to the capacitance range table on page 24 and after.



Capacitance	Dimonoiono	Thickness	Capacitance _	Catalog number		
Сараспапсе	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0402	0.20±0.02	±0.25pF			C0402C0G1C0R5C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H0R5C030BA	C0603C0G1E0R5C030BA	
0.5 pF	1005	0.50.0.05	±0.10pF	C1005C0G1H0R5B050BA		
	1005	0.50±0.05	±0.25pF	C1005C0G1H0R5C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H0R5C080AA		
	0402	0.20±0.02	±0.25pF			C0402C0G1CR75C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1HR75C030BA	C0603C0G1ER75C030BA	
0.75 pF			±0.10pF	C1005C0G1HR75B050BA		
•	1005	0.50±0.05	±0.25pF	C1005C0G1HR75C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1HR75C080AA		
	0402	0.20±0.02	±0.25pF			C0402C0G1C010C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H010C030BA	C0603C0G1E010C030BA	
1 pF	0000	0.00_0.00	±0.10pF	C1005C0G1H010B050BA	000000001201000000000000000000000000000	
. p.	1005	0.50±0.05	±0.25pF	C1005C0G1H010C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H010C080AA		
	0402			C1608C0G1H010C080AA		C0402C0G1C1R5C020BC
		0.20±0.02	±0.25pF	C0000C0C4114DEC000DA	C0C00C0C1E1BEC000BA	C0402C0G1C1h3C020BC
4.55	0603	0.30±0.03	±0.25pF	C0603C0G1H1R5C030BA	C0603C0G1E1R5C030BA	
1.5 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H1R5B050BA		
	1000	0.00 0.10	±0.25pF	C1005C0G1H1R5C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H1R5C080AA		0010000010
	0402	0.20±0.02	±0.25pF			C0402C0G1C020C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H020C030BA	C0603C0G1E020C030BA	
2 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H020B050BA		
			±0.25pF	C1005C0G1H020C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H020C080AA		
2.2 pF	0402	0.20±0.02	±0.25pF			C0402C0G1C2R2C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H2R2C030BA	C0603C0G1E2R2C030BA	
	0402	0.20±0.02	±0.25pF			C0402C0G1C030C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H030C030BA	C0603C0G1E030C030BA	
3 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H030B050BA		
	1003	0.30±0.03	±0.25pF	C1005C0G1H030C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H030C080AA		
3.3 pF	0402	0.20±0.02	±0.25pF			C0402C0G1C3R3C020BC
0.0 pi	0603	0.30±0.03	±0.25pF	C0603C0G1H3R3C030BA	C0603C0G1E3R3C030BA	
	0402	0.20±0.02	±0.25pF			C0402C0G1C040C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H040C030BA	C0603C0G1E040C030BA	
4 pF	1005	0.50.0.05	±0.10pF	C1005C0G1H040B050BA		
	1005	0.50±0.05	±0.25pF	C1005C0G1H040C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H040C080AA		
	0402	0.20±0.02	±0.25pF			C0402C0G1C4R7C020BC
4.7 pF	0603	0.30±0.03	±0.25pF	C0603C0G1H4R7C030BA	C0603C0G1E4R7C030BA	
	0402	0.20±0.02	±0.25pF			C0402C0G1C050C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H050C030BA	C0603C0G1E050C030BA	
5 pF			±0.10pF	C1005C0G1H050B050BA		
	1005	0.50±0.05	±0.25pF	C1005C0G1H050C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H050C080AA		
	0402	0.20±0.02	±0.50pF			C0402C0G1C060D020BC
	0603	0.30±0.03	±0.50pF	C0603C0G1H060D030BA	C0603C0G1E060D030BA	
			±0.25pF	C1005C0G1H060C050BA		
6 pF	1005	0.50±0.05	±0.50pF	C1005C0G1H060D050BA		
			±0.25pF	C1608C0G1H060C080AA		
	1608	0.80±0.10	±0.23pF ±0.50pF	C1608C0G1H060D080AA		
	0402	0.20±0.02		O TOUGOUGH HOUDDOUMA		C0402C0G1C6R8D020BC
6.8 pF	0402 0603	0.20±0.02 0.30±0.03	±0.50pF ±0.50pF	C0603C0G1H6D0D030D4	C0603C0G1E6D0D030D4	OUHUZOUG IOUNODUZUBO
				C0603C0G1H6R8D030BA	C0603C0G1E6R8D030BA	C0400C0C4C070D000BC
	0402	0.20±0.02	±0.50pF	000000001107000000	C00000004E070D000D*	C0402C0G1C070D020BC
	0603	0.30±0.03	±0.50pF	C0603C0G1H070D030BA	C0603C0G1E070D030BA	
7 pF	1005	0.50±0.05	±0.25pF	C1005C0G1H070C050BA		
			±0.50pF	C1005C0G1H070D050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H070C080AA		
			±0.50pF	C1608C0G1H070D080AA		

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimensions	Thickness	Capacitance _	Catalog number		
Сараспансе	Diffictions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0402	0.20±0.02	±0.50pF			C0402C0G1C080D020BC
	0603	0.30±0.03	±0.50pF	C0603C0G1H080D030BA	C0603C0G1E080D030BA	
8 pF	1005	0.50±0.05	±0.25pF	C1005C0G1H080C050BA		
σрі	1005	0.50±0.05	±0.50pF	C1005C0G1H080D050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H080C080AA		
	1006	0.60±0.10	±0.50pF	C1608C0G1H080D080AA		
	0402	0.20±0.02	±0.50pF			C0402C0G1C090D020BC
	0603	0.30±0.03	±0.50pF	C0603C0G1H090D030BA	C0603C0G1E090D030BA	
0 5	1005	0.50.0.05	±0.25pF	C1005C0G1H090C050BA		
9 pF	1005	0.50±0.05	±0.50pF	C1005C0G1H090D050BA		
	1000	0.00.0.10	±0.25pF	C1608C0G1H090C080AA		
	1608	0.80±0.10	±0.50pF	C1608C0G1H090D080AA		
	0402	0.20±0.02	±0.50pF			C0402C0G1C100D020BC
	0603	0.30±0.03	±0.50pF	C0603C0G1H100D030BA	C0603C0G1E100D030BA	
			±0.25pF	C1005C0G1H100C050BA		
10 pF	1005	0.50±0.05	±0.50pF	C1005C0G1H100D050BA		
			±0.25pF	C1608C0G1H100C080AA		
	1608	0.80±0.10	±0.50pF	C1608C0G1H100D080AA		
			±10%			C0402C0G1C120K020BC
	0402	0.20±0.02	±5%			C0402C0G1C120J020BC
			±10%	C0603C0G1H120K030BA	C0603C0G1E120K030BA	0010200010120002020
12 pF	0603	0.30±0.03	±5%	C0603C0G1H120J030BA	C0603C0G1E120J030BA	
	1005	0.50±0.05	±5%	C1005C0G1H120J050BA	000000001212000005/1	
	1608	0.80±0.10	±5%	C1608C0G1H120J080AA		
	1000	0.00±0.10	±10%	010000001111200000AA		C0402C0G1C150K020BC
	0402	0.20±0.02	±5%			C0402C0G1C150J020BC
				C0603C0C1H150K030BA	C0603C0C1E1E0K030BA	C0402C0G1C130J020BC
	0603	0.30±0.03	±10%	C0603C0G1H150K030BA	C0603C0G1E150K030BA	
			±5%	C0603C0G1H150J030BA	C0603C0G1E150J030BA	
15 pF	1005	0.50.0.05	±1%	C1005C0G1H150F050BA		
	1005	0.50±0.05	±2%	C1005C0G1H150G050BA		
			±5%	C1005C0G1H150J050BA		
	1000		±1%	C1608C0G1H150F080AA		
	1608	0.80±0.10	±2%	C1608C0G1H150G080AA		
			±5%	C1608C0G1H150J080AA		
	0402	0.20±0.02	±10%			C0402C0G1C180K020BC
			±5%			C0402C0G1C180J020BC
18 pF	0603	0.30±0.03	±10%	C0603C0G1H180K030BA	C0603C0G1E180K030BA	
			±5%	C0603C0G1H180J030BA	C0603C0G1E180J030BA	
	1005	0.50±0.05	±5%	C1005C0G1H180J050BA		
	1608	0.80±0.10	±5%	C1608C0G1H180J080AA		
	0402	0.20±0.02	±10%			C0402C0G1C220K020BC
	0402	0.20±0.02	±5%			C0402C0G1C220J020BC
	0603	0.30±0.03	±10%	C0603C0G1H220K030BA	C0603C0G1E220K030BA	
	0003	0.30±0.03	±5%	C0603C0G1H220J030BA	C0603C0G1E220J030BA	
22 pF			±1%	C1005C0G1H220F050BA		
22 pr	1005	0.50±0.05	±2%	C1005C0G1H220G050BA		
			±5%	C1005C0G1H220J050BA		
			±1%	C1608C0G1H220F080AA		
	1608	0.80±0.10	±2%	C1608C0G1H220G080AA		
			±5%	C1608C0G1H220J080AA		
	0.45-5		±10%			C0402C0G1C270K020BC
	0402	0.20±0.02	±5%			C0402C0G1C270J020BC
			±10%	C0603C0G1H270K030BA	C0603C0G1E270K030BA	
27 pF	0603	0.30±0.03	±5%	C0603C0G1H270J030BA	C0603C0G1E270J030BA	
	1005	0.50±0.05	±5%	C1005C0G1H270J050BA	3333333.LE730300DA	
	1608	0.80±0.00	±5%	C1608C0G1H270J080AA		
	1000	0.00±0.10	±5 /0	310000041112700000AA		

<sup>■</sup> Gray items: These products are not recommended for new designs.



Canaaitanaa	Dimensions	Thickness	Capacitance	Catalog number		
Japacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0402	0.20±0.02	±10%			C0402C0G1C330K020BC
			±5%	C0603C0G1H330K030BA	C0603C0G1E330K030BA	C0402C0G1C330J020BC
	0603	0.30±0.03	±10% ±5%	C0603C0G1H330J030BA	C0603C0G1E330J030BA	
	-		±5% ±1%	C1005C0G1H330F050BA	C0603C0G1E330J030BA	
33 pF	1005	0.50±0.05	±1%	C1005C0G1H330G050BA		
	1005	0.30±0.03	±2 %	C1005C0G1H330J050BA		
			±3%	C1608C0G1H330F080AA		
	1608	0.80±0.10	±2%	C1608C0G1H330G080AA		
	1000	0.0020.10	±5%	C1608C0G1H330J080AA		
			±10%	010000001110000000711		C0402C0G1C390K020BC
	0402	0.20±0.02	±5%			C0402C0G1C390J020BC
			±10%	C0603C0G1H390K030BA	C0603C0G1E390K030BA	
39 pF	0603	0.30±0.03	±5%	C0603C0G1H390J030BA	C0603C0G1E390J030BA	
	1005	0.50±0.05	±5%	C1005C0G1H390J050BA		
	1608	0.80±0.10	±5%	C1608C0G1H390J080AA		
			±10%			C0402C0G1C470K020BC
	0402	0.20±0.02	±5%			C0402C0G1C470J020BC
			±10%	C0603C0G1H470K030BA	C0603C0G1E470K030BA	
	0603	0.30±0.03	±5%	C0603C0G1H470J030BA	C0603C0G1E470J030BA	
47 . 5			±1%	C1005C0G1H470F050BA		
47 pF	1005	0.50±0.05	±2%	C1005C0G1H470G050BA		
			±5%	C1005C0G1H470J050BA		
			±1%	C1608C0G1H470F080AA		
	1608	0.80±0.10	±2%	C1608C0G1H470G080AA		
			±5%	C1608C0G1H470J080AA		
	0402	0.20±0.02	±10%			C0402C0G1C560K020BC
	0402	0.20±0.02	±5%			C0402C0G1C560J020BC
56 pF	0603	0.30±0.03	±10%	C0603C0G1H560K030BA	C0603C0G1E560K030BA	
30 pi		0.30±0.03	±5%	C0603C0G1H560J030BA	C0603C0G1E560J030BA	
	1005	0.50±0.05	±5%	C1005C0G1H560J050BA		
	1608	0.80±0.10	±5%	C1608C0G1H560J080AA		
	0402	0.20±0.02	±10%			C0402C0G1C680K020BC
			±5%			C0402C0G1C680J020BC
	0603	0.30±0.03	±10%	C0603C0G1H680K030BA	C0603C0G1E680K030BA	
			±5%	C0603C0G1H680J030BA	C0603C0G1E680J030BA	
68 pF	400=		±1%	C1005C0G1H680F050BA		
	1005	0.50±0.05	±2%	C1005C0G1H680G050BA		
			±5%	C1005C0G1H680J050BA		
	1608	0.00.0.10	±1%	C1608C0G1H680F080AA		
	1000	0.80±0.10	±2% ±5%	C1608C0G1H680G080AA C1608C0G1H680J080AA		
			±10%	C 1000CUG I HOOUJUOUAA		C0402C0G1C820K020BC
	0402	0.20±0.02	±5%			C0402C0G1C820J020BC
			±10%	C0603C0G1H820K030BA	C0603C0G1E820K030BA	00+0200010020002000
82 pF	0603	0.30±0.03	±5%	C0603C0G1H820J030BA	C0603C0G1E820J030BA	
	1005	0.50±0.05	±5%	C1005C0G1H820J050BA	COUCCUS. LOLOGOODA	
	1608	0.80±0.10	±5%	C1608C0G1H820J080AA		
			±10%	0.100000001110200000711		C0402C0G1C101K020BC
	0402	0.20±0.02	±5%			C0402C0G1C101J020BC
			±10%	C0603C0G1H101K030BA	C0603C0G1E101K030BA	
	0603	0.30±0.03	±5%	C0603C0G1H101J030BA	C0603C0G1E101J030BA	
			±1%	C1005C0G1H101F050BA		
100 =	100=	0.50.005	±10%	C1005C0G1H101K050BA		
100 pF	1005	0.50±0.05	±2%	C1005C0G1H101G050BA		
		0.00±0.00	±5%	C1005C0G1H101J050BA		
			±0 /0			
			±1%	C1608C0G1H101F080AA		
	4000	0.00.046		C1608C0G1H101F080AA C1608C0G1H101K080AA		
	1608	0.80±0.10	±1%			

<sup>■</sup> Gray items: These products are not recommended for new designs.



## Capacitance range table

Temperature characteristic: C0G (-55 to +125°C, 0±30 ppm/°C)

Oit	Dimensions	Thickness	Capacitance	Catalog number
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V
	1005	0.50±0.05	±10%	C1005C0G1H121K050BA
120 pF	1005	0.30±0.03	±5%	C1005C0G1H121J050BA
120 pi	1608	0.80±0.10	±10%	C1608C0G1H121K080AA
	1000	0.0010.10	±5%	C1608C0G1H121J080AA
			±1%	C1005C0G1H151F050BA
	1005	0.50±0.05	±10%	C1005C0G1H151K050BA
	1000	0.0010.00	±2%	C1005C0G1H151G050BA
150 pF			±5%	C1005C0G1H151J050BA
100 pi			±1%	C1608C0G1H151F080AA
	1608	0.80±0.10	±10%	C1608C0G1H151K080AA
	.000	0.00_00	±2%	C1608C0G1H151G080AA
			±5%	C1608C0G1H151J080AA
	1005	0.50±0.05	±10%	C1005C0G1H181K050BA
180 pF		0.00_0.00	±5%	C1005C0G1H181J050BA
100 pi	1608	0.80±0.10	±10%	C1608C0G1H181K080AA
		0.00_00	±5%	C1608C0G1H181J080AA
			±1%	C1005C0G1H221F050BA
	1005	0.50±0.05	±10%	C1005C0G1H221K050BA
	1003	0.50±0.05	±2%	C1005C0G1H221G050BA
220 pF			±5%	C1005C0G1H221J050BA
220 pi			±1%	C1608C0G1H221F080AA
	1608	0.80±0.10	±10%	C1608C0G1H221K080AA
	1000	0.00±0.10	±2%	C1608C0G1H221G080AA
			±5%	C1608C0G1H221J080AA
	1005	0.50±0.05	±10%	C1005C0G1H271K050BA
270 pF	1005	0.50±0.05	±5%	C1005C0G1H271J050BA
270 pr	1600	0.00.0.10	±10%	C1608C0G1H271K080AA
	1608	0.80±0.10	±5%	C1608C0G1H271J080AA
			±1%	C1005C0G1H331F050BA
	1005	0.50.0.05	±10%	C1005C0G1H331K050BA
	1005	0.50±0.05	±2%	C1005C0G1H331G050BA
000 - 5			±5%	C1005C0G1H331J050BA
330 pF			±1%	C1608C0G1H331F080AA
	1000	0.00 0.10	±10%	C1608C0G1H331K080AA
	1608	0.80±0.10	±2%	C1608C0G1H331G080AA
			±5%	C1608C0G1H331J080AA
	1005	0.50.0.05	±10%	C1005C0G1H391K050BA
000 5	1005	0.50±0.05	±5%	C1005C0G1H391J050BA
390 pF	1000	0.00.0.10	±10%	C1608C0G1H391K080AA
	1608	0.80±0.10	±5%	C1608C0G1H391J080AA
			±1%	C1005C0G1H471F050BA
	1005	0.50.0.05	±10%	C1005C0G1H471K050BA
	1005	0.50±0.05	±2%	C1005C0G1H471G050BA
470 5			±5%	C1005C0G1H471J050BA
470 pF			±1%	C1608C0G1H471F080AA
	1600	0.00:0.40	±10%	C1608C0G1H471K080AA
	1608	0.80±0.10	±2%	C1608C0G1H471G080AA
			±5%	C1608C0G1H471J080AA
	1005	0.50:0.05	±10%	C1005C0G1H561K050BA
560 ×F	1005	0.50±0.05	±5%	C1005C0G1H561J050BA
560 pF	1600	0.00:0.40	±10%	C1608C0G1H561K080AA
	1608	0.80±0.10	±5%	C1608C0G1H561J080AA
			±1%	C1005C0G1H681F050BA
	1005	0.50:0.05	±10%	C1005C0G1H681K050BA
	1005	0.50±0.05	±2%	C1005C0G1H681G050BA
C00 - E			±5%	C1005C0G1H681J050BA
680 pF			±1%	C1608C0G1H681F080AA
	1000	0.00 0.15	±10%	C1608C0G1H681K080AA
	1608	0.80±0.10	±2%	C1608C0G1H681G080AA
			±5%	C1608C0G1H681J080AA

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimensions	Thickness	Capacitance _	Catalog number	
Оараспансс	Diffictions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V
	1005	0.50±0.05	±10%	C1005C0G1H821K050BA	
820 pF		0.0010.00	±5%	C1005C0G1H821J050BA	
020 p.	1608	0.80±0.10	±10%	C1608C0G1H821K080AA	
	1000	0.0010.10	±5%	C1608C0G1H821J080AA	
			±1%	C1005C0G1H102F050BA	
	1005	0.50±0.05	±10%	C1005C0G1H102K050BA	
	1005	0.50±0.05	±2%	C1005C0G1H102G050BA	
			±5%	C1005C0G1H102J050BA	C1005C0G1E102J050BA
1 nF			±1%	C1608C0G1H102F080AA	
	1608	0.80±0.10	±10%	C1608C0G1H102K080AA	
	1000	0.00±0.10	±2%	C1608C0G1H102G080AA	
			±5%	C1608C0G1H102J080AA	
	2012	0.60±0.15	±10%	C2012C0G1H102K060AA	
	2012	0.00±0.13	±5%	C2012C0G1H102J060AA	
	1608	0.80±0.10	±10%	C1608C0G1H122K080AA	
10.5	1006	0.60±0.10	±5%	C1608C0G1H122J080AA	
1.2 nF	0010	0.00.045	±10%	C2012C0G1H122K060AA	
	2012	0.60±0.15	±5%	C2012C0G1H122J060AA	
	1000	0.00.040	±10%	C1608C0G1H152K080AA	
45.5	1608	0.80±0.10	±5%	C1608C0G1H152J080AA	
1.5 nF			±10%	C2012C0G1H152K060AA	
	2012	0.60±0.15	±5%	C2012C0G1H152J060AA	
			±10%	C1608C0G1H182K080AA	
	1608	0.80±0.10	±5%	C1608C0G1H182J080AA	
1.8 nF			±10%	C2012C0G1H182K060AA	
	2012	0.60±0.15	±5%	C2012C0G1H182J060AA	
			±10%	C1608C0G1H222K080AA	
	1608	0.80±0.10	±5%	C1608C0G1H222J080AA	
2.2 nF			±10%	C2012C0G1H222K060AA	
	2012	0.60±0.15	±5%	C2012C0G1H222J060AA	
	-	0.85±0.15	±5%	C2012C0G1H222J085AA	
			±10%	C1608C0G1H272K080AA	
	1608	0.80±0.10	±5%	C1608C0G1H272J080AA	
2.7 nF			±10%	C2012C0G1H272K060AA	
	2012	0.60±0.15	±5%	C2012C0G1H272J060AA	
			±10%	C1608C0G1H332K080AA	
	1608	0.80±0.10	±5%	C1608C0G1H332J080AA	
3.3 nF			±10%	C2012C0G1H332K060AA	
0.0111	2012	0.60±0.15	±5%	C2012C0G1H332J060AA	
	2012	1.25±0.20	±5%	C2012C0G1H332J125AA	
		1.2020.20	±10%	C1608C0G1H392K080AA	
	1608	0.80±0.10	±5%	C1608C0G1H392J080AA	C1608C0G1E392J080AA
			±10%	C2012C0G1H392K060AA	010000001E0020000AA
3.9 nF	2012	0.60±0.15	±10%	C2012C0G1H392J060AA	
			±10%	C3216C0G1H392K060AA	
	3216	0.60±0.15	±10%	C3216C0G1H392J060AA	
			±3 % ±10%	C1608C0G1H472K080AA	
	1608	0.80±0.10	±10%	C1608C0G1H472J080AA	C1608C0G1E472J080AA
				C2012C0G1H472K060AA	010000001E4720000AA
4.7 nF 2	2012	0.60±0.15	±10% ±5%	C2012C0G1H472K000AA	
				C3216C0G1H472K060AA	
	3216	0.60±0.15	±10%		
			±5%	C3216C0G1H472J060AA	
	1608	0.80±0.10	±10%	C1608C0G1H562K080AA	C1609C0C1E50010004.4
			±5%	C1608C0G1H562J080AA	C1608C0G1E562J080AA
5.6 nF	2012	0.60±0.15	±10%	C2012C0G1H562K060AA	
			±5%	C2012C0G1H562J060AA	
	3216	0.60±0.15	±10%	C3216C0G1H562K060AA	
			±5%	C3216C0G1H562J060AA	

<sup>■</sup> Gray items: These products are not recommended for new designs.



0	D'	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V
	1608	0.80±0.10	±10%	C1608C0G1H682K080AA		
			±5%	C1608C0G1H682J080AA		C1608C0G1E682J080AA
6.8 nF	2012	0.60±0.15	±10% ±5%	C2012C0G1H682K060AA C2012C0G1H682J060AA		
			±10%	C3216C0G1H682K060AA		
	3216	0.60±0.15	±5%	C3216C0G1H682J060AA		
	1608	0.80±0.10	±10%	C1608C0G1H822K080AA		
	1000	0.00±0.10	±5%	C1608C0G1H822J080AA		C1608C0G1E822J080AA
8.2 nF	2012	0.60±0.15	±10%	C2012C0G1H822K060AA		
			±5%	C2012C0G1H822J060AA		
	3216	0.60±0.15	±10% ±5%	C3216C0G1H822K060AA C3216C0G1H822J060AA		
			±10%	C1608C0G1H103K080AA	C1608C0G1V103K080AC	
	1608	0.80±0.10	±5%	C1608C0G1H103J080AA	C1608C0G1V103J080AC	C1608C0G1E103J080AA
10 nF	2012	0.60±0.15	±10%	C2012C0G1H103K060AA		
10111	2012	0.00±0.15	±5%	C2012C0G1H103J060AA		C2012C0G1E103J060AA
	3216	0.60±0.15	±10%	C3216C0G1H103K060AA		
			±5% ±10%	C3216C0G1H103J060AA	C1608C0G1V153K080AC	
	1608	0.80±0.10	±10%		C1608C0G1V153J080AC	
			±10%	C2012C0G1H153K085AA	0100000011100000010	
15 nF	2012	0.85±0.15	±5%	C2012C0G1H153J085AA		C2012C0G1E153J085AA
	3216	0.60±0.15	±10%	C3216C0G1H153K060AA		
	3210	0.00±0.13	±5%	C3216C0G1H153J060AA		
	1608	0.80±0.10	±10%		C1608C0G1V183K080AC	
18 nF			±5% ±10%		C1608C0G1V183J080AC C2012C0G1V183K060AC	
	2012	0.60±0.15	±5%		C2012C0G1V183J060AC	
			±10%		C2012C0G1V223K060AC	
	2012 -	0.60±0.15	±5%		C2012C0G1V223J060AC	
	2012	1.25±0.20	±10%	C2012C0G1H223K125AA		
22 nF		112020120	±5%	C2012C0G1H223J125AA		C2012C0G1E223J125AA
	3216	0.60±0.15	±10% ±5%	C3216C0G1H223K060AA C3216C0G1H223J060AA		
			±5 % ±10%	C3225C0G1H223K125AA		
	3225	1.25±0.20	±5%	C3225C0G1H223J125AA		
27 nF	2012	0.60±0.15	±10%		C2012C0G1V273K060AC	
27 111	2012	0.00±0.15	±5%		C2012C0G1V273J060AC	
30 nF	2012	0.60±0.15	±10%		C2012C0G1V303K060AC	
			±5% ±10%	C2012C0G1H333K125AA	C2012C0G1V303J060AC	
	2012	1.25±0.20	±5%	C2012C0G1H333J125AA		C2012C0G1E333J125AA
	0010		±10%	C3216C0G1H333K085AA		0201200012000120701
33 nF	3216	0.85±0.15	±5%	C3216C0G1H333J085AA		
	3225	1.60±0.20	±10%	C3225C0G1H333K160AA		
	0220	1.0020.20	±5%	C3225C0G1H333J160AA		
	3216	1.15±0.15	±10%	C3216C0G1H473K115AA		
			±5% ±10%	C3216C0G1H473J115AA C3225C0G1H473K200AA		
47 nF	3225	2.00±0.20	±5%	C3225C0G1H473J200AA		
	4520	1 60 . 0 00	±10%	C4532C0G1H473K160KA		
	4532	1.60±0.20	±5%	C4532C0G1H473J160KA		
	3216	1.60±0.20	±10%	C3216C0G1H683K160AA		
			±5%	C3216C0G1H683J160AA		
68 nF	3225	2.00±0.20	±10% ±5%	C3225C0G1H683K200AA C3225C0G1H683J200AA		
			±10%	C4532C0G1H683K160KA		
	4532	1.60±0.20	±5%	C4532C0G1H683J160KA		
	3216	1.60±0.20	±10%	C3216C0G1H104K160AA		
	0 <u>L</u> 10	1.00±0.20	±5%	C3216C0G1H104J160AA		
100 nF	3225	2.50±0.30	±10%	C3225C0G1H104K250AA		
			±5% ±10%	C3225C0G1H104J250AA C4532C0G1H104K200KA		
	4532	2.00±0.20	±5%	C4532C0G1H104J200KA		
150 55	<b>AE22</b>	2 50 10 20	±10%	C4532C0G1H154K250KA		
150 nF	4532	2.50±0.30	±5%	C4532C0G1H154J250KA		
220 nF	4532	3.20±0.30	±10%	C4532C0G1H224K320KA		
			±5%	C4532C0G1H224J320KA		

<sup>■</sup> Gray items: These products are not recommended for new designs.



2	Canacitanaa	Dimonoiono	Thickness	Capacitance _	Catalog number		
0.5 pF   1005	Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
1.5 pF		0402	0.20±0.02	±0.25pF			C0402CH1C0R5C020BC
1698		0603	0.30±0.03	±0.25pF	C0603CH1H0R5C030BA	C0603CH1E0R5C030BA	
1608	0.5 pF	1005	0.50.0.05	±0.10pF	C1005CH1H0R5B050BA		
0.75 pF 1005 0.50±0.05 d. 0.30±0.05 d. 0.25 pF 1006 0.50±0.05 d. 0.25		1005	0.50±0.05	±0.25pF	C1005CH1H0R5C050BA		
0.75 pF   1005		1608	0.80±0.10	±0.25pF	C1608CH1H0R5C080AA		
0.75 pF         1005         0.59±0.0         ± 0.10pF         C100SCHHRF7SC0S0BA           1668         0.80±0.10         ± 0.25pF         C100SCHHRF7SC0S0BA         C0402CH10C10C020BC           1PF         1608         0.80±0.10         ± 0.25pF         C100SCHH010C0S0BA         C0403CH1E010C030BA           1PF         1005         0.50±0.05         ± 0.25pF         C000SCHH010C0S0BA         C0403CH1E010C030BA           150F         1005         0.50±0.05         ± 0.25pF         C100SCHH010C0S0BBA         C0403CH1E1RSC030BA           1.5 PF         1005         0.50±0.05         ± 0.10pF         C100SCHH01RSC0S0BA         C0403CH1E1RSC030BA         C0402CH1C1RSC020BC           1.5 PF         1008         0.80±0.10         ± 0.25pF         C100SCHH01RSC0S0BA         C0403CH1E1RSC030BA         C0402CH1C1RSC020BC           1.5 PF         1008         0.80±0.01         ± 0.25pF         C100SCH1H1RSC0S0BA         C0403CH1E1RSC030BA         C0402CH1C2RC020BC           2 PF         1008         0.80±0.01         ± 0.25pF         C100SCH1H1RSC0S0BA         C0403CH1E2RC020BBA         C0402CH1C2RC020BC           2 PF         1005         0.50±0.05         ± 0.10pF         C100SCH1H1RSC0S0BBA         C0603CH1E03C020BBA         C0402CH1C2RC020BBA           2 PF		0402	0.20±0.02	±0.25pF			C0402CH1CR75C020BC
0.75 pF         1005         0.59±0.0         ± 0.10pF         C100SCHHRF7SC0S0BA           1668         0.80±0.10         ± 0.25pF         C100SCHHRF7SC0S0BA         C0402CH10C10C020BC           1PF         1608         0.80±0.10         ± 0.25pF         C100SCHH010C0S0BA         C0403CH1E010C030BA           1PF         1005         0.50±0.05         ± 0.25pF         C000SCHH010C0S0BA         C0403CH1E010C030BA           150F         1005         0.50±0.05         ± 0.25pF         C100SCHH010C0S0BBA         C0403CH1E1RSC030BA           1.5 PF         1005         0.50±0.05         ± 0.10pF         C100SCHH01RSC0S0BA         C0403CH1E1RSC030BA         C0402CH1C1RSC020BC           1.5 PF         1008         0.80±0.10         ± 0.25pF         C100SCHH01RSC0S0BA         C0403CH1E1RSC030BA         C0402CH1C1RSC020BC           1.5 PF         1008         0.80±0.01         ± 0.25pF         C100SCH1H1RSC0S0BA         C0403CH1E1RSC030BA         C0402CH1C2RC020BC           2 PF         1008         0.80±0.01         ± 0.25pF         C100SCH1H1RSC0S0BA         C0403CH1E2RC020BBA         C0402CH1C2RC020BC           2 PF         1005         0.50±0.05         ± 0.10pF         C100SCH1H1RSC0S0BBA         C0603CH1E03C020BBA         C0402CH1C2RC020BBA           2 PF		0603	0.30±0.03	±0.25pF	C0603CH1HR75C030BA	C0603CH1ER75C030BA	
1005	0.75 pF						
1688		1005	0.50±0.05				
1 pF		1608	0.80+0.10				
1 pF					010000111111700000701		C0/102CH1C010C020BC
1 PF					C0603CH1H010C030BA	C0603CH1E010C030BA	0040201110010002000
1005	1 nE	0003	0.30±0.03			COOOSCITIEOTOCOSOBA	
1608	i pr	1005	0.50±0.05				
1.5 pF   1005		1000	0.00.040				
1.5 pF   1005					C1608CH1H010C080AA		00400014040500000
1.5 pF							C0402CH1C1R5C020BC
1005		0603	0.30±0.03			C0603CH1E1R5C030BA	
1608	1.5 pF	1005	0.50±0.05				
2 PF         0402         0.20±0.02         ±0.25pF         C0803CH18020C030BA         C0803CH18020C030BA           2 PF         1005         0.50±0.05         ±0.25pF         C0803CH18020C030BA         C0803CH18020C030BA           1608         0.80±0.10         ±0.25pF         C100SCH1H020C030BA         C0402CH1C2R2C020BC           2.2 pF         0402         0.20±0.02         ±0.25pF         C1608CH18020C030BA         C0403CH182R2C030BA           4082         0.20±0.02         ±0.25pF         C0603CH182R2C030BA         C0402CH1C2R2C020BC           4083         0.30±0.03         ±0.25pF         C0603CH182R2C030BA         C0402CH1C3R2C020BC           3 pF         1005         0.50±0.05         ±0.10pF         C100SCH119030C030BA         C0603CH182R2C030BA           1608         0.80±0.10         ±0.25pF         C0603CH181R2R2C030BA         C0402CH1C030C020BC           3 ay pF         1608         0.80±0.10         ±0.25pF         C1608CH1H030C030BA         C0603CH182R2C030BA           4 pF         1608         0.80±0.01         ±0.25pF         C1608CH1H030C030BA         C0603CH182R3C030BA           4 pF         1005         0.50±0.05         ±0.25pF         C0603CH184R7C030BA         C0603CH182R3C030BA           4 pF         1005         0							
2 pF         6063         0.30±0.05         ±0.10pF         C0603CH1H020C030BA         C0603CH1E020C030BA           2 pF         1005         0.50±0.05         ±0.25pF         C005CH1H020B050BA         C0603CH1E020C030BA           2 c pF         1608         0.80±0.10         ±0.25pF         C1609CH1H020C030AA         C0402         C0402CH1C2R2C020BC           2 c pF         0603         0.30±0.03         ±0.25pF         C0603CH1H2R2C030BA         C0603CH1E2R2C030BA         C0402CH1C3R2C020BC           3 pF         0603         0.30±0.03         ±0.25pF         C0603CH1H030C030BA         C0603CH1E030C030BA         C0402CH1C3R2C020BC           3 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H030C030BA         C0603CH1E030C030BA         C0402CH1C3R3C020BC           3 pF         1608         0.80±0.10         ±0.25pF         C0603CH1H030C030BA         C0402CH1C3R3C020BC         C0402CH1C3R3C020BC           3 pF         0402         0.20±0.02         ±0.25pF         C0603CH1H3R3C030BA         C0603CH1E3R3C030BA         C0402CH1C3R3C020BC           4 pF         1005         0.50±0.05         ±0.25pF         C0603CH1H040C030BA         C0603CH1E040C030BA         C0402CH1C4R7C020BC           4.7 pF         0402         0.20±0.02         ±0.25pF <th< th=""><th></th><th></th><th></th><th>±0.25pF</th><th>C1608CH1H1R5C080AA</th><th></th><th></th></th<>				±0.25pF	C1608CH1H1R5C080AA		
2 pF         1005         0.50±0.05         ±0.25pF         C1005CH1H020B050BA           1608         0.80±0.10         ±0.25pF         C1005CH1H020C050BA           2.2 pF         0402         0.20±0.02         ±0.25pF         C0603CH1E2R2C030BA           0402         0.20±0.02         ±0.25pF         C0603CH1E2R2C030BA         C0402CH1C030C020BC           3 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H030C030BA         C0603CH1E030C030BA           1608         0.80±0.10         ±0.25pF         C0603CH1H030C030BA         C0603CH1E030C030BA           1608         0.80±0.10         ±0.25pF         C1005CH1H030C030BA         C0603CH1E030C030BA           3.3 pF         1608         0.80±0.10         ±0.25pF         C1609CH1H030C030BA         C0603CH1E030C030BA           4 pF         0603         0.30±0.03         ±0.25pF         C0603CH1H030C030BA         C0603CH1E3R3C020BA           4 pF         1005         0.50±0.05         ±0.25pF         C0603CH1H040C030BA         C0603CH1E3R3C020BA           4 pF         1005         0.50±0.05         ±0.25pF         C0603CH1H040C030BA         C0603CH1E040C030BA           4 pF         1005         0.50±0.05         ±0.25pF         C0603CH1H040C030BA         C0603CH1E040C030BA		0402	0.20±0.02	±0.25pF			C0402CH1C020C020BC
1005		0603	0.30±0.03	±0.25pF	C0603CH1H020C030BA	C0603CH1E020C030BA	
1608	2 pF	1005	0.50+0.05	±0.10pF	C1005CH1H020B050BA		
2.2 pF		1003	0.30±0.03	±0.25pF	C1005CH1H020C050BA		
2.2 pF		1608	0.80±0.10	±0.25pF	C1608CH1H020C080AA		
0603	0.0 5	0402	0.20±0.02	±0.25pF			C0402CH1C2R2C020BC
3 pF	2.2 pr	0603	0.30±0.03	±0.25pF	C0603CH1H2R2C030BA	C0603CH1E2R2C030BA	
3 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H0300C050BA           1608         0.80±0.10         ±0.25pF         C1005CH1H030C050BA           3.3 pF         0402         0.20±0.02         ±0.25pF         C0603CH1B3R3C030BA           0402         0.20±0.03         ±0.25pF         C0603CH1B3R3C030BA         C0603CH1E3R3C030BA           0603         0.30±0.03         ±0.25pF         C0603CH1H040C030BA         C0603CH1E040C030BA           4 pF         1005         5.0±0.05         ±0.10pF         C1005CH1H040C050BA         C0603CH1E040C030BA           1068         0.80±0.10         ±0.25pF         C1005CH1H040C050BA         C0402CH1C4R7C020BC           4.7 pF         0402         0.20±0.02         ±0.25pF         C1060SCH1H040C050BA         C0402CH1C4R7C020BC           4.7 pF         0603         0.30±0.03         ±0.25pF         C0603CH1H040C050BA         C0402CH1C4R7C020BC           5 pF         0603         0.30±0.03         ±0.25pF         C0603CH1H040C050BA         C0603CH1E4R7C030BA           5 pF         1005         ±0.50pF         C0603CH1H050C030BA         C0603CH1E4R7C030BA           5 pF         1005         ±0.50pF         C1005CH1H050C030BA         C0603CH1E4R7C030BA           6 pF <td< th=""><th></th><th>0402</th><th>0.20±0.02</th><th>±0.25pF</th><th></th><th></th><th>C0402CH1C030C020BC</th></td<>		0402	0.20±0.02	±0.25pF			C0402CH1C030C020BC
1008		0603	0.30±0.03	±0.25pF	C0603CH1H030C030BA	C0603CH1E030C030BA	
1008	3 pF			±0.10pF	C1005CH1H030B050BA		
1608 0.80±0.10 ±0.25pF C1608CH1H030C080AA  3.3 pF	·	1005	0.50±0.05	±0.25pF	C1005CH1H030C050BA		
3.3 pF		1608	0.80±0.10				
0603							C0402CH1C3R3C020BC
0402   0.20±0.02   ±0.25pF   C0603CH1H040C030BA   C0603CH1E040C030BA     4 pF   1005	3.3 pF				C0603CH1H3R3C030BA	C0603CH1E3R3C030BA	
4 pF							C0402CH1C040C020BC
4 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H040B050BA           1608         0.80±0.10         ±0.25pF         C1005CH1H040C050BA           4.7 pF         0402         0.20±0.02         ±0.25pF         C1608CH1H040C080AA           4.7 pF         0603         0.30±0.03         ±0.25pF         C0603CH1H4R7C030BA         C0603CH1E4R7C030BA           0402         0.20±0.02         ±0.25pF         C0603CH1H050C030BA         C0603CH1E4R7C030BA           5 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H050B050BA           ±0.10pF         C1005CH1H050B050BA         C0603CH1E050C030BA           ±0.25pF         C1005CH1H050B050BA           ±0.25pF         C1005CH1H050C050BA           ±0.25pF         C1005CH1H050C050BA           ±0.25pF         C1005CH1H050D030BA           C0603         0.30±0.03         ±0.50pF         C0603CH1E060D030BA           ±0.25pF         C1005CH1H060C050BA         C0603CH1E060D030BA           ±0.25pF         C1608CH1H060C080AA         C0603CH1E060D030BA           ±0.50pF         C1608CH1H060C080AA         C0603CH1E6R8D030BA           6.8 pF         0402         0.20±0.02         ±0.50pF         C0603CH1E6R8D030BA           0603					C0603CH1H040C030BA	C0603CH1E040C030BA	
1005	4 pF						
1608 0.80±0.10 ±0.25pF C1608CH1H040C080AA  4.7 pF		1005	0.50±0.05	· · · · · · · · · · · · · · · · · · ·			
4.7 pF         0402 0.20±0.02 ±0.25pF 0603CH1H4R7C030BA         C0402CH1C4R7C020BC           6603 0.30±0.03 ±0.25pF 0603CH1H4R7C030BA         C0603CH1E4R7C030BA         C0402CH1C050C020BC           5 pF         0402 0.20±0.02 ±0.25pF 0603CH1H050C030BA         C0603CH1E050C030BA         C0402CH1C050C020BC           5 pF         1005 0.50±0.05 ±0.05 ±0.05pF 01005CH1H050C050BA         ±0.10pF 1005CH1H050C050BA         C0603CH1E050C030BA           6 pF         1608 0.80±0.10 ±0.25pF 01005CH1H050C050BA         C0402CH1C060D020BC           6 pF         1005 0.30±0.03 ±0.50pF 01005CH1H060C050BA         C0603CH1E060D030BA         C0603CH1E060D030BA           1608 0.80±0.10 ±0.50pF 01005CH1H060C050BA         ±0.25pF 01005CH1H060C050BA         C0603CH1E060D030BA         C0603CH1E060D030BA           6.8 pF         0402 0.20±0.02 ±0.50pF 01005CH1H060C050BA         ±0.25pF 01005CH1H060D080AA         C0603CH1E060D030BA         C0402CH1C6R8D020BC           6.8 pF         0402 0.20±0.02 ±0.50pF 01005CH1H060D080AA         C0603CH1E6R8D030BA         C0402CH1C6R8D020BC           7 pF         1005 0603 0.30±0.03 ±0.50pF 01005CH1H070D030BA         C0603CH1E070D030BA         C0402CH1C070D020BC           7 pF         1005 05±0.05 ±0.50pF 01005CH1H070D050BA         ±0.25pF 01005CH1H070D050BA         C0603CH1E070D030BA         C0402CH1C070D020BC           7 pF         1005 05±0.05 ±0.50pF 01005CH1H070D050BA         ±0.25pF 01005CH1		1608	0.80+0.10				
4.7 pF					0.0000		C0402CH1C4B7C020BC
5 pF         0402         0.20±0.02         ±0.25pF         C0603CH1H050C030BA         C0603CH1E050C030BA           5 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H050C050BA         C0603CH1E050C030BA           1608         0.80±0.10         ±0.25pF         C1005CH1H050C050BA         C0402CH1C060D020BC           6 pF         1608         0.80±0.10         ±0.25pF         C1608CH1H050C030BA         C0603CH1E060D030BA           6 pF         1005         0.50±0.05         ±0.50pF         C0603CH1H060D030BA         C0603CH1E060D030BA           1608         0.80±0.10         ±0.25pF         C1005CH1H060D050BA         C1005CH1H060D030BA           1608         0.80±0.10         ±0.25pF         C1608CH1H060D030BA         C0402CH1C6R8D020BC           6.8 pF         0402         0.20±0.02         ±0.50pF         C1608CH1H060D080AA         C0603CH1E6R8D030BA           6.8 pF         0402         0.20±0.02         ±0.50pF         C0603CH1B6R8D030BA         C0603CH1E6R8D030BA           0603         0.30±0.03         ±0.50pF         C0603CH1B070D030BA         C0603CH1E070D030BA           7 pF         1005         0.50±0.05         ±0.25pF         C1005CH1H070D050BA           ±0.50pF         C1005CH1H070D050BA         ±0.50pF <td< th=""><th>4.7 pF</th><th></th><th></th><th></th><th>C0603CH1H4B7C030BA</th><th>C0603CH1E4B7C030BA</th><th>00402011104117002000</th></td<>	4.7 pF				C0603CH1H4B7C030BA	C0603CH1E4B7C030BA	00402011104117002000
5 pF         0603         0.30±0.03         ±0.25pF         C0603CH1H050C030BA         C0603CH1E050C030BA           1005         0.50±0.05         ±0.10pF         C1005CH1H050B050BA           ±0.25pF         C1005CH1H050C050BA           1608         0.80±0.10         ±0.25pF         C1608CH1H050C080AA           6 pF         0402         0.20±0.02         ±0.50pF         C0603CH1H060D030BA         C0603CH1E060D030BA           6 pF         1005         0.50±0.05         ±0.25pF         C1005CH1H060C050BA         C0603CH1E060D030BA           ±0.25pF         C1005CH1H060C050BA         ±0.25pF         C1608CH1H060C080AA         C0603CH1E060D030BA           ±0.50pF         C1608CH1H060C080AA         ±0.50pF         C1608CH1H060D080AA         C0402CH1C6R8D020BC           6.8 pF         0402         0.20±0.02         ±0.50pF         C0603CH1H060D080AA         C0603CH1E6R8D030BA           0603         0.30±0.03         ±0.50pF         C0603CH1B060D080A         C0603CH1E6R8D030BA           7 pF         1005         0.50±0.05         ±0.50pF         C0603CH1H070D030BA         C0603CH1E070D030BA           1608         0.80±0.10         ±0.25pF         C1005CH1H070D050BA         ±0.50pF         C1005CH1H070D050BA           ±0.25pF         C1608CH1H070D0					00000111114111 0000271	00000111241170000271	C0402CH1C050C020BC
5 pF         1005         0.50±0.05         ±0.10pF         C1005CH1H050B050BA           1608         0.80±0.10         ±0.25pF         C1005CH1H050C050BA           6 pF         0402         0.20±0.02         ±0.50pF         C0402CH1C060D020BC           6 pF         1005         0.50±0.05         ±0.50pF         C0603CH1H060D030BA         C0603CH1E060D030BA           1608         0.50±0.05         ±0.25pF         C1005CH1H060D050BA         C0603CH1E060D030BA           ±0.50pF         C1005CH1H060D050BA         C1005CH1H060D050BA         C0402CH1C6R8D020BC           6.8 pF         0402         0.20±0.02         ±0.50pF         C1608CH1H060D080AA         C0402CH1C6R8D020BC           6.8 pF         0402         0.20±0.02         ±0.50pF         C0603CH1H060D030BA         C0603CH1E6R8D030BA           0603         0.30±0.03         ±0.50pF         C0603CH1B060D030BA         C0603CH1E6R8D030BA           7 pF         1005         0.50±0.05         ±0.50pF         C0603CH1H070D030BA           1608         0.80±0.10         ±0.25pF         C1005CH1H070D050BA           ±0.25pF         C1005CH1H070D050BA           ±0.25pF         C1608CH1H070D050BA					C0603CH1H050C030RA	C0603CH1E050C030BA	30 <del>1</del> 02011100300020BC
# 1005	5 n=	0000	0.00±0.03			300000111E0300030DA	
1608 0.80±0.10 ±0.25pF C1608CH1H050C080AA  0402 0.20±0.02 ±0.50pF C0603CH1H060D030BA C0603CH1E060D030BA  ±0.25pF C1005CH1H060D050BA  ±0.50pF C1005CH1H060D050BA  ±0.25pF C1608CH1H060C080AA  ±0.25pF C1608CH1H060C080AA  ±0.25pF C1608CH1H060D080AA  ±0.25pF C1608CH1H060D080AA  ±0.25pF C1608CH1H060D080AA  €0.80 pF C1608CH1H060D080AA  €0.80 pF C1608CH1H060D80AA  C0402CH1C6R8D020BC  C0402CH1C6R8D020BC  7 pF 1005 0.50±0.05 ±0.50pF C0603CH1H070D030BA C0603CH1E070D030BA  ±0.25pF C1005CH1H070D030BA C0603CH1E070D030BA  €0.50 pF C1005CH1H070D030BA  €0.50 pF C1005CH1H070D030BA  £0.50 pF C1005CH1H070D030BA	J þΓ	1005	0.50±0.05				
6 pF		1600	0.00.0.10				
6 pF 1005 0.50±0.05 ±0.50pF C0603CH1H060D030BA C0603CH1E060D030BA					CIOUSUNINUSUCUSUAA		C0400CU1C0C0D000D0
6 pF 1005 0.50±0.05 ±0.25pF C1005CH1H060C050BA ±0.50pF C1005CH1H060C050BA ±0.50pF C1005CH1H060D050BA ±0.50pF C1608CH1H060C080AA ±0.50pF C1608CH1H060D080AA					0000001411000000000	00000014500000000	C0402CH1C060D020BC
6 PF 1005 0.50±0.05 ±0.50pF C1005CH1H060D050BA ±0.25pF C1608CH1H060D050BA ±0.25pF C1608CH1H060C080AA ±0.50pF C1608CH1H060D080AA C0402CH1C6R8D020BC		0603	0.30±0.03			C0003CH1E000D030BA	
1608 0.80±0.10 ±0.25pF C1005CH1H060D050BA ±0.25pF C1608CH1H060C080AA ±0.50pF C1608CH1H060D080AA  2.0603 0.20±0.02 ±0.50pF C0603CH1H060D080AA	6 pF	1005	0.50±0.05				
1608 0.80±0.10 ±0.50pF C1608CH1H060D080AA  6.8 pF	•						
#0.50pF C1608CH1H060D080AA  6.8 pF		1608	0.80±0.10				
6.8 PF         0603         0.30±0.03         ±0.50pF         C0603CH1H6R8D030BA         C0603CH1E6R8D030BA           0402         0.20±0.02         ±0.50pF         C0603CH1H070D030BA         C0603CH1E070D030BA           7 pF         1005         0.50±0.05         ±0.25pF         C1005CH1H070C050BA           ±0.50pF         C1005CH1H070D050BA         ±0.50pF           ±0.50pF         C1005CH1H070D050BA           ±0.50pF         C1608CH1H070C080AA					C1608CH1H060D080AA		
7 pF 1005 0.80±0.05 ±0.50pF C0603CH1H6R8D030BA C0603CH1E6R8D030BA C0402CH1C070D020BC C0402CH1C070D020BC C0603 0.30±0.05 ±0.50pF C0603CH1H070D030BA C0603CH1E070D030BA C0603CH1E070D030BA C0603CH1E070D030BA C0603CH1E070D030BA ±0.25pF C1005CH1H070C050BA ±0.50pF C1005CH1H070D050BA ±0.50pF C1608CH1H070D050BA ±0.25pF C1608CH1H070C080AA	6.8 pF			•			C0402CH1C6R8D020BC
0603         0.30±0.03         ±0.50pF         C0603CH1H070D030BA         C0603CH1E070D030BA           7 pF         1005         0.50±0.05         ±0.25pF         C1005CH1H070C050BA           ±0.50pF         C1005CH1H070D050BA           ±0.25pF         C1608CH1H070C080AA	0.0 pi	0603	0.30±0.03	±0.50pF	C0603CH1H6R8D030BA	C0603CH1E6R8D030BA	
7 pF 1005 0.50±0.05 ±0.25pF C1005CH1H070C050BA ±0.50pF C1005CH1H070D050BA ±0.25pF C1608CH1H070C080AA		0402	0.20±0.02	±0.50pF			C0402CH1C070D020BC
+0.50pF C1005CH1H070D050BA +0.25pF C1608CH1H070C080AA		0603	0.30±0.03	±0.50pF	C0603CH1H070D030BA	C0603CH1E070D030BA	
±0.50pF C1005CH1H070D050BA 1608 0.80+0.10 ±0.25pF C1608CH1H070C080AA	7 pE	1005	0.50.0.05	±0.25pF	C1005CH1H070C050BA		
1608	/ þr	1005	0.50±0.05	±0.50pF	C1005CH1H070D050BA		
1608 0.80±0.10		1000	0.00.040	±0.25pF	C1608CH1H070C080AA		
		1008	0.80±0.10		C1608CH1H070D080AA		

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimonoiono	Thickness	Capacitance _	Catalog number		
Japacitatice	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0402	0.20±0.02	±0.50pF			C0402CH1C080D020BC
	0603	0.30±0.03	±0.50pF	C0603CH1H080D030BA	C0603CH1E080D030BA	
8 pF	1005	0.50±0.05	±0.25pF	C1005CH1H080C050BA		
•			±0.50pF	C1005CH1H080D050BA		
	1608	0.80±0.10	±0.25pF	C1608CH1H080C080AA		
	0400	0.00.000	±0.50pF	C1608CH1H080D080AA		004000140000000000
	0402 0603	0.20±0.02	±0.50pF	C0C00CLI411000D000DA	COCOCCI II FOODDOODA	C0402CH1C090D020BC
	0603	0.30±0.03	±0.50pF	C0603CH1H090D030BA C1005CH1H090C050BA	C0603CH1E090D030BA	
9 pF	1005	$0.50\pm0.05$	±0.25pF ±0.50pF	C1005CH1H090C050BA		
			±0.25pF	C1608CH1H090C080AA		
	1608	0.80±0.10	±0.50pF	C1608CH1H090D080AA		
	0402	0.20±0.02	±0.50pF	0.0000111110002000711		C0402CH1C100D020BC
	0603	0.30±0.03	±0.50pF	C0603CH1H100D030BA	C0603CH1E100D030BA	
			±0.25pF	C1005CH1H100C050BA		
10 pF	1005	0.50±0.05	±0.50pF	C1005CH1H100D050BA		
	1000		±0.25pF	C1608CH1H100C080AA		
	1608	0.80±0.10	±0.50pF	C1608CH1H100D080AA		
	0400	0.00.0.00	±10%			C0402CH1C120K020BC
	0402	0.20±0.02	±5%			C0402CH1C120J020BC
12 pF	0603	0.30±0.03	±10%	C0603CH1H120K030BA	C0603CH1E120K030BA	
ız pı	0003	0.50±0.05	±5%	C0603CH1H120J030BA	C0603CH1E120J030BA	
	1005	0.50±0.05	±5%	C1005CH1H120J050BA		
	1608	0.80±0.10	±5%	C1608CH1H120J080AA		
	0402	0.20±0.02	±10%			C0402CH1C150K020BC
			±5%			C0402CH1C150J020BC
15 pF	0603	0.30±0.03	±10%	C0603CH1H150K030BA	C0603CH1E150K030BA	
			±5%	C0603CH1H150J030BA	C0603CH1E150J030BA	
	1005	0.50±0.05	±5%	C1005CH1H150J050BA		
	1608	0.80±0.10	±5%	C1608CH1H150J080AA		00400011404001400000
	0402	0.20±0.02	±10% ±5%			C0402CH1C180K020BC
				C0602CU1U100V020BA	C0603CU1E100V030BA	C0402CH1C180J020BC
18 pF	0603	$0.30\pm0.03$	±10% ±5%	C0603CH1H180K030BA C0603CH1H180J030BA	C0603CH1E180K030BA C0603CH1E180J030BA	
	1005	0.50±0.05	±5%	C1005CH1H180J050BA	CUOUSCHIETOUJUSUBA	
	1608	0.80±0.00	±5%	C1608CH1H180J080AA		
	1000	0.00±0.10	±10%	01000011111100000AA		C0402CH1C220K020BC
	0402	0.20±0.02	±5%			C0402CH1C220J020BC
			±10%	C0603CH1H220K030BA	C0603CH1E220K030BA	
22 pF	0603	0.30±0.03	±5%	C0603CH1H220J030BA	C0603CH1E220J030BA	
	1005	0.50±0.05	±5%	C1005CH1H220J050BA		
	1608	0.80±0.10	±5%	C1608CH1H220J080AA		
	0.400	0.00.000	±10%			C0402CH1C270K020BC
	0402	0.20±0.02	±5%			C0402CH1C270J020BC
07 nE	0602	0.20.0.02	±10%	C0603CH1H270K030BA	C0603CH1E270K030BA	
27 pF	0603	0.30±0.03	±5%	C0603CH1H270J030BA	C0603CH1E270J030BA	
	1005	0.50±0.05	±5%	C1005CH1H270J050BA		
	1608	0.80±0.10	±5%	C1608CH1H270J080AA		
· <u> </u>	0402	0.20±0.02	±10%			C0402CH1C330K020BC
	0.102	0.2010.02	±5%			C0402CH1C330J020BC
33 pF	0603	0.30±0.03	±10%	C0603CH1H330K030BA	C0603CH1E330K030BA	
50 pi			±5%	C0603CH1H330J030BA	C0603CH1E330J030BA	
	1005	0.50±0.05	±5%	C1005CH1H330J050BA		
	1608	0.80±0.10	±5%	C1608CH1H330J080AA		
	0402	0.20±0.02	±10%			C0402CH1C390K020BC
	U.JL	0.2020.02	±5%			C0402CH1C390J020BC
39 pF	0603	0.30±0.03	±10%	C0603CH1H390K030BA	C0603CH1E390K030BA	
50 Pi			±5%	C0603CH1H390J030BA	C0603CH1E390J030BA	
	1005	0.50±0.05	±5%	C1005CH1H390J050BA		
	1608	0.80±0.10	±5%	C1608CH1H390J080AA		

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Consoitones	Dimensions	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0402	0.20±0.02	±10%			C0402CH1C470K020BC
47 pF	0402	0.2020.02	±5%			C0402CH1C470J020BC
	0603	0.30±0.03	±10%	C0603CH1H470K030BA	C0603CH1E470K030BA	
			±5%	C0603CH1H470J030BA	C0603CH1E470J030BA	
	1005	0.50±0.05	±5%	C1005CH1H470J050BA		
	1608	0.80±0.10	±5%	C1608CH1H470J080AA		
56 pF	0402 0603	0.20±0.02 0.30±0.03	±10%			C0402CH1C560K020BC
			±5%	00000014115001000004	0000001455001000004	C0402CH1C560J020BC
			±10%	C0603CH1H560K030BA	C0603CH1E560K030BA	
	1005	0.50+0.05	±5%	C1005CH1H560J030BA	C0603CH1E560J030BA	
	1005 1608	0.50±0.05 0.80±0.10	±5% ±5%	C1005CH1H560J050BA C1608CH1H560J080AA		
	1000	0.0010.10	±10%	01000011113000000AA		C0402CH1C680K020BC
	0402	0.20±0.02	±5%			C0402CH1C680J020BC
			±10%	C0603CH1H680K030BA	C0603CH1E680K030BA	001020111000002020
68 pF	0603	0.30±0.03	±5%	C0603CH1H680J030BA	C0603CH1E680J030BA	
	1005	0.50±0.05	±5%	C1005CH1H680J050BA		
	1608	0.80±0.10	±5%	C1608CH1H680J080AA		
			±10%			C0402CH1C820K020BC
	0402	0.20±0.02	±5%			C0402CH1C820J020BC
۰۰ - ۲	0600	0.00.000	±10%	C0603CH1H820K030BA	C0603CH1E820K030BA	
82 pF	0603	0.30±0.03	±5%	C0603CH1H820J030BA	C0603CH1E820J030BA	
	1005	0.50±0.05	±5%	C1005CH1H820J050BA		
	1608	0.80±0.10	±5%	C1608CH1H820J080AA		
	0402	0.20±0.02	±10%			C0402CH1C101K020BC
	0603	0.30±0.03 0.50±0.05 0.80±0.10	±5%			C0402CH1C101J020BC
			±10%	C0603CH1H101K030BA	C0603CH1E101K030BA	
100 pF			±5%	C0603CH1H101J030BA	C0603CH1E101J030BA	
			±10%	C1005CH1H101K050BA		
			±5%	C1005CH1H101J050BA		
	1608		±10%	C1608CH1H101K080AA		
			±5% ±10%	C1608CH1H101J080AA C1005CH1H121K050BA		
	1005	0.50±0.05 0.80±0.10	±10%	C1005CH1H121K050BA		
120 pF			±10%	C1608CH1H121K080AA		
	1608		±5%	C1608CH1H121J080AA		
			±10%	C1005CH1H151K050BA		
	1005	0.50±0.05	±5%	C1005CH1H151J050BA		
150 pF			±10%	C1608CH1H151K080AA		
	1608	0.80±0.10	±5%	C1608CH1H151J080AA		
	100=		±10%	C1005CH1H181K050BA		
400 - 5	1005	0.50±0.05	±5%	C1005CH1H181J050BA		
180 pF	1000	0.00.0.10	±10%	C1608CH1H181K080AA		
	1000	1608 0.80±0.10	±5%	C1608CH1H181J080AA		
	1005	0.50+0.05	±10%	C1005CH1H221K050BA		
220 pF	1005	1005 0.50±0.05 1608 0.80±0.10	±5%	C1005CH1H221J050BA		
220 pi	1608		±10%	C1608CH1H221K080AA		
	1000		±5%	C1608CH1H221J080AA		
	1005	0.50±0.05	±10%	C1005CH1H271K050BA		
270 pF	1608	0.80±0.10	±5%	C1005CH1H271J050BA		
- F-			±10%	C1608CH1H271K080AA		
			±5%	C1608CH1H271J080AA		
	1005	0.50±0.05	±10%	C1005CH1H331K050BA		
330 pF			±5%	C1005CH1H331J050BA		
	1608	0.80±0.10	±10%	C1608CH1H331K080AA		
			±5%	C1608CH1H331J080AA		
390 pF —	1005	05 0.50±0.05	±10% ±5%	C1005CH1H391K050BA		
			±5% ±10%	C1005CH1H391J050BA C1608CH1H391K080AA		
	1608	0.80±0.10	±10%	C1608CH1H391J080AA		
			±J /0	C1000011111031000AA		

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Capacitance	Dimensions	Thickness (mm)	Capacitance _ tolerance	Catalog number Rated voltage Edc: 50V	
	1005	0.50.0.05	±10%	C1005CH1H471K050BA	
470 pF	1005	0.50±0.05	±5%	C1005CH1H471J050BA	
470 pr	1608	0.80±0.10	±10%	C1608CH1H471K080AA	
	1008	0.80±0.10	±5%	C1608CH1H471J080AA	
	1005	0.50±0.05	±10%	C1005CH1H561K050BA	
E60 pF	1005	0.50±0.05	±5%	C1005CH1H561J050BA	
560 pF	1608	0.80±0.10	±10%	C1608CH1H561K080AA	
	1000	0.00±0.10	±5%	C1608CH1H561J080AA	
	1005	0.50±0.05	±10%	C1005CH1H681K050BA	
680 pF	1005	0.50±0.05	±5%	C1005CH1H681J050BA	
000 pi	1608	0.80±0.10	±10%	C1608CH1H681K080AA	
		0.00_00	±5%	C1608CH1H681J080AA	
	1005	0.50±0.05	±10%	C1005CH1H821K050BA	
820 pF		0.00_0.00	±5%	C1005CH1H821J050BA	
020 p.	1608	0.80±0.10	±10%	C1608CH1H821K080AA	
		0.00_00	±5%	C1608CH1H821J080AA	
	1005	0.50±0.05	±10%	C1005CH1H102K050BA	
		0.00_0.00	±5%	C1005CH1H102J050BA	
1 nF	1608	0.80±0.10	±10%	C1608CH1H102K080AA	
			±5%	C1608CH1H102J080AA	
	2012	0.60±0.15	±10%	C2012CH1H102K060AA	
			±5%	C2012CH1H102J060AA	
	1608	0.80±0.10	±10%	C1608CH1H122K080AA	
1.2 nF			±5%	C1608CH1H122J080AA	
	2012	0.60±0.15	±10%	C2012CH1H122K060AA	
			±5%	C2012CH1H122J060AA	
	1608	0.80±0.10	±10%	C1608CH1H152K080AA	
1.5 nF			±5%	C1608CH1H152J080AA	
	2012	0.60±0.15	±10%	C2012CH1H152K060AA	
	1608		±5%	C2012CH1H152J060AA	
		0.80±0.10	±10%	C1608CH1H182K080AA	
1.8 nF			±5% ±10%	C1608CH1H182J080AA C2012CH1H182K060AA	
	2012	0.60±0.15	±10% ±5%	C2012CH1H182J060AA	
			±3%	C1608CH1H222K080AA	
	1608	0.80±0.10	±10%	C1608CH1H222J080AA	
2.2 nF			±10%	C2012CH1H222K060AA	
	2012	0.60±0.15	±5%	C2012CH1H222J060AA	
		0.85±0.15	±5%	C2012CH1H222J085AA	
			±10%	C1608CH1H272K080AA	
	1608	0.80±0.10	±5%	C1608CH1H272J080AA	
2.7 nF			±10%	C2012CH1H272K060AA	
	2012	0.60±0.15	±5%	C2012CH1H272J060AA	
	1600	0.00:0.40	±10%	C1608CH1H332K080AA	
	1608	0.80±0.10	±5%	C1608CH1H332J080AA	
3.3 nF		0.60 - 0.15	±10%	C2012CH1H332K060AA	
	2012	0.60±0.15	±5%	C2012CH1H332J060AA	
	_	1.25±0.20	±5%	C2012CH1H332J125AA	
3.9 nF	1608 2012	0.80±0.10	±10%	C1608CH1H392K080AA	
		0.00±0.10	±5%	C1608CH1H392J080AA	
		0.60±0.15	±10%	C2012CH1H392K060AA	
0.0111		U.UU±U.15	±5%	C2012CH1H392J060AA	
	3216	0.60±0.15	±10%	C3216CH1H392K060AA	
	5210	5.55±0.10	±5%	C3216CH1H392J060AA	
	1608	0.80±0.10	±10%	C1608CH1H472K080AA	
			±5%	C1608CH1H472J080AA	
4.7 nF	2012	0.60±0.15	±10%	C2012CH1H472K060AA	
• • •			±5%	C2012CH1H472J060AA	
	3216	0.60±0.15	±10%	C3216CH1H472K060AA	
			±5%	C3216CH1H472J060AA	

<sup>■</sup> Gray items: These products are not recommended for new designs.



1608   0.80±0.10   100**   1608   0.80±0.10   100**   250**   100**	Capacitance	Dimensions	Thickness	Capacitance _	Catalog number	
5.6 nF   2012	Сараспанос	Dimensions	(mm)			Rated voltage Edc: 35V
5.6 nF   2012    0.60±0.15		1608	0.80±0.10			
1608	5.6 nF					
1608		2012	0.60±0.15			
1608						
1608		3216	0.60±0.15	-		
6.8 nF 2012  0.60±0.15 ±0% C2012CH1H882R080AA ±10% C2012CH1H882R080AA ±10% C2012CH1H882R080AA ±10% C2012CH1H882R080AA ±10% C3216CH1H882R080AA ±10% C3216CH1H382R080AA ±10% C3216CH1H383R080AA ±10% C3						
6.8 nF 2012 0.60±0.15 ±10% C2012CH1H682K060AA ±10% C3216CH1H682K060AA ±10% C3216CH1H822K060AA ±10% C3216CH1H822K060AA ±10% C3216CH1H822K060AA ±10% C3216CH1H822K060AA ±10% C3216CH1H822K060AA ±10% C3216CH1H822K060AA ±10% C3216CH1H103K060AA ±10% C3216CH1H13K060AA ±10% C3216CH1H3K060AA ±10% C3216CH1H3K0		1608	0.80±0.10	-		
#5% C2012CHHH82J060AA  1608 0.80±0.10 ±10% C3216CHH882J060AA  1608 0.80±0.10 ±10% C2012CHH82J060AA  8.2 nF 2012 0.60±0.15 ±10% C2012CHH82J060AA  1608 0.80±0.15 ±10% C2012CHH82J060AA  1608 0.80±0.15 ±10% C2012CHH82J060AA  1608 0.80±0.10 ±10% C3216CHH82J060AA  1608 0.80±0.10 ±5% C2012CHH82J060AA  1608 0.80±0.15 ±10% C3216CHH82J060AA  1608 0.80±0.15 ±10% C2012CHH103J060AA  1608 0.80±0.15 ±5% C3216CHH183J060AA  1608 0.80±0.15 ±10% C3216CHH183J060AA  1608 0.80±0.15 ±5% C3216CHH183J060AA  1608 0.80±0.15 ±5% C3216CHH183J060AA  1709 C3216CHH183J060AA  1809 C3216CHH183J16SAA						
1608	6.8 nF	2012	0.60±0.15	±5%	C2012CH1H682J060AA	
#5%		3216	0.00.045	±10%	C3216CH1H682K060AA	
8.2 nF			0.60±0.15	±5%	C3216CH1H682J060AA	
# 15%   C1600CH1H822J060AA   100   1		1608	0.90+0.10	±10%	C1608CH1H822K080AA	
8.2 nF		1000	0.00±0.10	±5%	C1608CH1H822J080AA	
# 15%   C2012CH1H822J060AA   10%   C2012CH1H22SL1050AA   10	8.2 nF	2012	0.60±0.15	±10%		
10 nF   2012		20.2	0.00±0.10			
10 nF		3216	0.60±0 15			
10 nF						0400001141/4001/00040
10 nF		1608	0.80±0.10			
10 nF 2012 0.60±0.15 ±5% C2012CH1H103J060AA 3216 0.60±0.15 ±10% C3216CH1H103J060AA 155% C3216CH1H103J060AA 155% C3216CH1H103J060AA 155% C3216CH1H103J060AA 155% C3216CH1H153K085AA 155% C2012CH1H153K085AA 155% C2012CH1H153J085AA 155% C3216CH1H153J085AA 155% C3216CH1H153J080AC 1608CH1V183K080AC 15608CH1V183K080AC 15608CH1V183J080AC 155% 150% 15008CH1V183J080AC 155% 150% 15008CH1P223J156AA 155% 15008CH1P223J156AA 150% 15008CH1P223J156AA 150% 15008CH1P223J156AA 150% 15008CH1P223J156AA 15008CH1P223J156AA 155% 15008CH1P23J156AA 155% 15008CH1P23						C1608CH1V103J080AC
3216	10 nF	2012	0.60±0.15	-		
1608						
15 nF		3216	0.60±0.15			
15 nF					002100111111000000701	C1608CH1V153K080AC
15 nF		2012	0.80±0.10			
15 nF 2012					C2012CH1H153K085AA	
18 nF   1608   0.80±0.10   ±5%   C3216CH1H153J060AA   ±10%   C1608CH1V183J080AC   ±5%   C1608CH1V183J080AC   C1608CH1V183J080AC   ±5%   C2012CH1V183J080AC   ±5%   C2012CH1V183J060AC   ±5%   C2012CH1V183J060AC   ±5%   C2012CH1V223H060AC   ±5%   C2012CH1V223H060AC   ±10%   C2012CH1V223H060AC   ±10%   C2012CH1H223H25AA   ±5%   C2012CH1H223H25AA   ±5%   C2012CH1H223H25AA   ±5%   C2012CH1H223H25AA   ±5%   C3216CH1H223J060AA   ±5%   C3225CH1H223H25AA   ±10%   C3225CH1H223H25AA   ±10%   C3225CH1H223H25AA   ±5%   C3225CH1H223H25AA   ±5%   C3225CH1H223H25AA   ±5%   C3225CH1H223H25AA   ±10%   C3225CH1H223H25AA   ±10%   C3225CH1H223H25AA   ±10%   C2012CH1V273H060AC   ±10%   C2012CH1V273H060AC   ±10%   C2012CH1V303H060AC   ±5%   C2012CH1V303H060AC   ±10%   C2012CH1V303H060AC   ±10%   C2012CH1V303H060AC   ±10%   C2012CH1H333H25AA   ±5%   C2012CH1H333H25AA   ±5%   C3216CH1H333H25AA   ±10%   C3216CH1H333H065AA   ±10%   C3216CH1H333H60AA   ±5%   C3225CH1H333H60AA   ±5%   C3225CH1H333H60AA   ±5%   C3225CH1H33J160AA   ±5%   C3225CH1H33J160AA   ±5%   C3225CH1H473H200AA   ±5%   C3225CH1H473H200AA   ±5%   C3225CH1H473H200AA   ±5%   C3225CH1H473H200AA   ±5%   C3225CH1H473H200AA   ±5%   C3225CH1H473H160AA   ±5%   C3225CH1H473H160AA   ±5%   C3225CH1H68JH60AA   ±10%   C4532CH1H68JH60AA   ±10%   C4532CH1H68JH60AA   ±10%   C4532CH1H68JH60AA   ±10%	15 nF		0.85±0.15		C2012CH1H153J085AA	
#5%			0.60.0.15	±10%	C3216CH1H153K060AA	
18 nF  2012			0.60±0.15	±5%	C3216CH1H153J060AA	
18 nF 2012	•	1600	0.80±0.10	±10%		C1608CH1V183K080AC
2012	18 nF			±5%		C1608CH1V183J080AC
#5% C2012CH1V183J060AC C2012CH1V1823K060AC	10 111					
22 nF  22 nF  22 nF  22 nF  22 nF  22 nF  23 16		2012	0.0020.10			
22 nF  23 16			0.60±0.15	-		
#5% C2012CH1H223J125AA #5% C3216CH1H223J060AA #5% C3216CH1H223J060AA #5% C3225CH1H223J125AA #10% C3225CH1H223J125AA #5% C3225CH1H223J125AA #5% C3225CH1H223J125AA #5% C3225CH1H223J125AA  #5% C3225CH1H223J125AA  #5% C3225CH1H223J125AA  #5% C2012CH1V273K060AC #5% C2012CH1V273K060AC #5% C2012CH1V273J060AC #5% C2012CH1V303J060AC #5% C2012CH1V303J060AC #5% C2012CH1V303J060AC #5% C2012CH1V303J060AC #5% C2012CH1H333J125AA #5% C2012CH1H333J125AA #5% C2012CH1H333J125AA #5% C3216CH1H333J085AA #5% C3216CH1H333J085AA #5% C3225CH1H333J160AA #5% C3225CH1H333J160AA #5% C3225CH1H333J160AA #5% C3225CH1H333J160AA #5% C3225CH1H473K115AA #5% C3216CH1H473K115AA #5% C3225CH1H473J115AA #5% C3225CH1H473J115AA #5% C3225CH1H473J160KA #5% C3225CH1H483J160AA #5% C3225CH1H68J160AA			1.25±0.20		00040014410001440544	C2012CH1V223J060AC
22 nF 3216 0.60±0.15				-		
### 3216	22 nF					
3225 1.25±0.20 ±10% C3225CH1H223K125AA ±5% C3225CH1H223J125AA  27 nF 2012 0.60±0.15 ±10% C2012CH1V273K060AC 2012CH1V273J060AC ±5% C2012CH1V273J060AC  30 nF 2012 0.60±0.15 ±10% C2012CH1H333K125AA 25% C2012CH1V303K060AC ±5% C2012CH1V303J060AC  2012 1.25±0.20 ±10% C2012CH1H333J125AA 25% C3216CH1H333J125AA 25% C3216CH1H333J085AA 25% C3216CH1H333J085AA 25% C3225CH1H333J160AA 25% C3225CH1H333J160AA 25% C3225CH1H333J160AA 25% C3225CH1H373J15AA 25% C3216CH1H473K10AA 25% C3216CH1H473K10AA 25% C3225CH1H473K10AA 25% C3225CH1H683K160AA 25% C3225CH1H683K160AA 25% C3225CH1H683K10AA 25% C3225CH1H683K200AA 25% C3225CH1H683K160KA						
27 nF   2012   0.60±0.15   ±5%   C3225CH1H223J125AA			1.25±0.20			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		3225				
#5% C2012CH1V273J060AC  30 nF 2012		2012	0.00.0:=			C2012CH1V273K060AC
30 nF 2012 0.60±0.15 ±5% C2012CH1H333K125AA 2012 1.25±0.20 ±10% C2012CH1H333K125AA ±5% C2012CH1H333J125AA 216 0.85±0.15 ±10% C3216CH1H333J168AA 3225 1.60±0.20 ±10% C3225CH1H333J160AA 3216 1.15±0.15 ±10% C3225CH1H473K115AA 3216 1.15±0.15 ±10% C3216CH1H473K115AA 210% C3225CH1H473J115AA 210% C3225CH1H473J115AA 210% C3225CH1H473J115AA 210% C3225CH1H473J115AA 3216 1.60±0.20 ±10% C3225CH1H473J200AA 210% C3225CH1H473J160KA 210% C3225CH1H473J160KA 210% C3225CH1H473J160KA 210% C3225CH1H473J160KA 210% C3225CH1H473J160KA 210% C3225CH1H683J160AA 210% C3225CH1H683J160AA 210% C3225CH1H683J160AA 210% C3225CH1H683J160AA 210% C3225CH1H683J160AA 210% C3225CH1H683J200AA 25% C3225CH1H683J200AA 25% C3225CH1H683J200AA 25% C3225CH1H683J200AA	27 nF	2012	0.60±0.15	±5%		C2012CH1V273J060AC
#5% C2012CH1V303J060AC  #10% C2012CH1H333K125AA  #5% C2012CH1H333J125AA  #5% C2012CH1H333J125AA  #5% C3216CH1H333J085AA  #5% C3216CH1H333J085AA  #5% C3216CH1H333J085AA  #5% C3225CH1H333J160AA  #5% C3225CH1H333J160AA  #5% C3225CH1H333J160AA  #5% C3225CH1H333J160AA  #5% C3225CH1H333J160AA  #5% C3225CH1H473J115AA  #5% C3225CH1H473J15AA  #5% C3225CH1H473J200AA  #5% C3225CH1H683J200AA  #5% C3216CH1H683J160AA  #5% C3216CH1H683J160AA  #5% C3216CH1H683J160AA  #5% C3215CH1H683J200AA  #5% C3215CH1H683J200AA  #5% C3215CH1H683J200AA  #5% C3215CH1H683J200AA  #5% C3225CH1H683J200AA  #5% C3225CH1H683J200AA	20.55	2012	0.60.0.15	±10%		C2012CH1V303K060AC
#5% C2012CH1H333J125AA #5% C3216CH1H333J125AA #5% C3216CH1H333N085AA #5% C3216CH1H333N085AA #5% C3225CH1H333JN85AA #5% C3225CH1H333J160AA #5% C3225CH1H333J160AA #5% C3225CH1H333J160AA #5% C3225CH1H333J160AA #5% C3216CH1H473K115AA #5% C3216CH1H473J115AA #5% C3225CH1H473J100AA #5% C3225CH1H473J200AA #5% C3225CH1H473J200AA #5% C4532CH1H473J160KA #5% C4532CH1H473J160KA #5% C4532CH1H473J160KA #5% C3225CH1H683K160AA #5% C3225CH1H683J160AA #5% C3225CH1H683J160AA #5% C3225CH1H683J200AA	30 111	2012	0.00±0.15	±5%		C2012CH1V303J060AC
#5% C2012CH1H333J12SAA #10% C3216CH1H333K085AA #5% C3216CH1H333K085AA #5% C3216CH1H333K160AA #5% C325CH1H333J160AA #5% C325CH1H333J160AA #5% C325CH1H333J160AA #5% C325CH1H333J160AA #5% C325CH1H473J115AA #5% C3216CH1H473J115AA #5% C325CH1H473J10AA #5% C325CH1H683J160AA #5% C3216CH1H683J160AA #5% C3216CH1H683J10AA #5% C325CH1H683J200AA #5% C325CH1H683J200AA #5% C325CH1H683J200AA #5% C325CH1H683J200AA #5% C325CH1H683J200AA			1 25+0 20	±10%	C2012CH1H333K125AA	
33 nF 3216 0.85±0.15 ±5% C3216CH1H333J085AA  3225 1.60±0.20 ±10% C3225CH1H333K160AA  ±5% C3225CH1H333J160AA  3216 1.15±0.15 ±10% C3216CH1H473K115AA  ±5% C3216CH1H473J115AA  ±5% C3216CH1H473J15AA  225 2.00±0.20 ±10% C3225CH1H473J200AA  ±5% C3225CH1H473J200AA  ±10% C3225CH1H473J200AA  ±10% C4532CH1H473J160KA  3216 1.60±0.20 ±10% C3216CH1H683K160AA  ±5% C3216CH1H683J160AA  ±5% C3216CH1H683J160AA  ±5% C3225CH1H683J200AA  ±5% C3225CH1H683K200AA  ±5% C3225CH1H683K200AA			1.20±0.20	±5%		
#5% C3216CH1H333J085AA  3225 1.60±0.20 ±10% C3225CH1H333K160AA  ±5% C3225CH1H333J160AA  3216 1.15±0.15 ±10% C3216CH1H473K115AA  ±5% C3216CH1H473J115AA  ±10% C3225CH1H473K200AA  ±5% C325CH1H473K200AA  4532 1.60±0.20 ±10% C4532CH1H473K160KA  ±5% C4532CH1H473J160KA  3216 1.60±0.20 ±10% C3216CH1H683K160AA  ±5% C325CH1H483J160AA  ±5% C325CH1H683J160AA  4532 1.60±0.20 ±10% C3225CH1H683J200AA  45% C325CH1H683J200AA  ±5% C325CH1H683J200AA  ±5% C325CH1H683J200AA	33 nF		0.85±0.15			
3225 1.60±0.20 ±5% C3225CH1H333J160AA  3216 1.15±0.15 ±10% C3216CH1H473K115AA ±5% C3216CH1H473J115AA  47 nF 3225 2.00±0.20 ±10% C3225CH1H473K200AA ±5% C3225CH1H473J200AA ±5% C3225CH1H473J200AA  3216 1.60±0.20 ±10% C4532CH1H473J160KA  3216 1.60±0.20 ±10% C3216CH1H683K160AA ±5% C3216CH1H683J160AA ±5% C3216CH1H683J160AA ±5% C3225CH1H683J200AA  4532 1.60±0.20 ±10% C3225CH1H683K200AA		-				
3216 1.15±0.15		3225	1.60±0.20			
47 nF  3225  2.00±0.20  ±5%  C3216CH1H473J115AA  ±10%  C3225CH1H473K200AA  ±5%  C3225CH1H473J200AA  4532  1.60±0.20  ±10%  C4532CH1H473K160KA  ±5%  C4532CH1H473J160KA  3216  1.60±0.20  ±10%  C3216CH1H683K160AA  ±5%  C3216CH1H683J160AA  ±5%  C3225CH1H683J160AA  ±5%  C3225CH1H683J200AA  ±5%  C3225CH1H683J200AA  ±5%  C3225CH1H683J200AA  ±5%  C3225CH1H683J200AA						
47 nF 3225 2.00±0.20 ±10% C3225CH1H473K200AA ±5% C3225CH1H473J200AA 4532 1.60±0.20 ±10% C4532CH1H473K160KA ±5% C4532CH1H473J160KA 3216 1.60±0.20 ±10% C3216CH1H683K160AA ±5% C3216CH1H683J160AA ±5% C3216CH1H683J160AA ±5% C3225CH1H683J200AA ±5% C3225CH1H683J200AA ±5% C3225CH1H683J200AA						
47 nF 3225 2.00±0.20 ±5% C3225CH1H473J200AA  4532 1.60±0.20 ±10% C4532CH1H473K160KA ±5% C4532CH1H473J160KA  3216 1.60±0.20 ±10% C3216CH1H683K160AA ±5% C3216CH1H683J160AA  ±5% C3225CH1H683J160AA  4578 2.00±0.20 ±10% C3225CH1H683K200AA  4582 1.60±0.20 ±10% C4532CH1H683J200AA						
4532 1.60±0.20 ±10% C4532CH1H473K160KA ±5% C4532CH1H473J160KA 3216 1.60±0.20 ±10% C3216CH1H683K160AA ±5% C3216CH1H683J160AA ±5% C3225CH1H683K200AA ±5% C3225CH1H683L200AA ±5% C3225CH1H683L200AA ±5% C3225CH1H683L200AA	47 nF					
4532 1.60±0.20 ±5% C4532CH1H473J160KA  3216 1.60±0.20 ±10% C3216CH1H683K160AA  ±5% C3216CH1H683J160AA  ±5% C3225CH1H683K200AA  ±5% C3225CH1H683K200AA  ±5% C3225CH1H683J200AA  ±10% C4532CH1H683JK160KA		155	1.60±0.20			
3216 1.60±0.20		4532				
#5% C3216CH1H683J160AA  #5% C3216CH1H683J160AA  #5% C3225CH1H683K200AA  #5% C3225CH1H683J200AA  #5% C3225CH1H683J200AA  #5% C3225CH1H683J200AA  #5% C3225CH1H683J200AA		2016	1.60 - 0.00			
68 nF 3225 2.00±0.20 ±5% C3225CH1H683J200AA 4532 1.60±0.20 ±10% C4532CH1H683K160KA		J∠10	1.00±0.20	±5%	C3216CH1H683J160AA	
+5% C3225CH1H683J200AA 4532 1.60±0.20 ±10% C4532CH1H683K160KA	68 nF	3225	2 00+0 20	±10%	C3225CH1H683K200AA	
4532 1.60±0.20 ———————————————————————————————————	OO HE	3223	2.00±0.20	±5%	C3225CH1H683J200AA	
±5% C4532CH1H683J160KA		4532	1.60+0.20	±10%		
				±5%	C4532CH1H683J160KA	

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimensions	Thickness (mm)	Capacitance _ tolerance	Catalog number Rated voltage Edc: 50V
	3216	1.60±0.20	±10%	C3216CH1H104K160AA
	3210	1.00±0.20	±5%	C3216CH1H104J160AA
100 nF	3225	2.50±0.30	±10%	C3225CH1H104K250AA
100 11	3223	2.50±0.50	±5%	C3225CH1H104J250AA
	4532	2.00±0.20	±10%	C4532CH1H104K200KA
			±5%	C4532CH1H104J200KA
150 nF	4532	2.50±0.30	±10%	C4532CH1H154K250KA
130 11	4532	2.50±0.50	±5%	C4532CH1H154J250KA
220 nF	4532	3.20±0.30	±10%	C4532CH1H224K320KA
22011		3.20±0.30	±5%	C4532CH1H224J320KA

<sup>■</sup> Gray items: These products are not recommended for new designs.

Capacitance	Dimensions	Thickness	Capacitance _	Catalog number	Data da alla a Eda 051/	Data da alla a Eda 40V
		(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0402	0.20±0.02	±10%			C0402JB1C101K020BC
100 pF			±20%		00000 ID4 E404 (4000 D A	C0402JB1C101M020BC
	0603	0.30±0.03	±10%		C0603JB1E101K030BA	
			±20%		C0603JB1E101M030BA	00400 ID404541/000D0
	0402	0.20±0.02 0.30±0.03	±10%			C0402JB1C151K020BC
150 pF			±20% ±10%		C0603JB1E151K030BA	C0402JB1C151M020BC
			±20%		C0603JB1E151M030BA	
-			±10%		COOOSJBTETSTWOSOBA	C0402JB1C221K020BC
	0402	0.20±0.02 0.30±0.03	±10%			C0402JB1C221M020BC
			±10%		C0603JB1E221K030BA	00402001022111102000
220 pF	0603		±20%		C0603JB1E221M030BA	
			±10%	C1005JB1H221K050BA	COCOCODIEZZIWOGODA	
	1005	0.50±0.05	±20%	C1005JB1H221M050BA		
			±10%	0.100000		C0402JB1C331K020BC
	0402	0.20±0.02	±20%			C0402JB1C331M020BC
			±10%		C0603JB1E331K030BA	
330 pF	0603	0.30±0.03	±20%		C0603JB1E331M030BA	
			±10%	C1005JB1H331K050BA		
	1005	0.50±0.05	±20%	C1005JB1H331M050BA		
	0.100		±10%			C0402JB1C471K020BC
	0402	0.20±0.02	±20%			C0402JB1C471M020BC
470 - 5	0603 1005	0.30±0.03 0.50±0.05	±10%		C0603JB1E471K030BA	
470 pF			±20%		C0603JB1E471M030BA	
			±10%	C1005JB1H471K050BA		
			±20%	C1005JB1H471M050BA		
	0402	0.20±0.02	±10%			C0402JB1C681K020BC
			±20%			C0402JB1C681M020BC
680 pF	0603	0.30±0.03 0.50±0.05	±10%		C0603JB1E681K030BA	
000 pi			±20%		C0603JB1E681M030BA	
	1005		±10%	C1005JB1H681K050BA		
			±20%	C1005JB1H681M050BA		
	0603	0.30±0.03	±10%		C0603JB1E102K030BA	
1 nF			±20%		C0603JB1E102M030BA	
	1005	0.50±0.05	±10%	C1005JB1H102K050BA		
			±20%	C1005JB1H102M050BA	00000 ID4E450K000DA	
	0603	0.30±0.03	±10% ±20%		C0603JB1E152K030BA C0603JB1E152M030BA	
1.5 nF			±10%	C1005JB1H152K050BA	C0003JB1E132W030BA	
	1005	1005 0.50±0.05	±10%	C1005JB1H152K050BA		
-			±10%	C 1003JB 1H 132W030BA	C0603JB1E222K030BA	
	1005	0.30±0.03 0.50±0.05	±10%		C0603JB1E222M030BA	
2.2 nF			±10%	C1005JB1H222K050BA	COCCOOLITEZZZWOOODA	
			±20%	C1005JB1H222M050BA		
	0603	0.30±0.03	±10%	O TOCOOD TT IZEZINIOOOD/	C0603JB1E332K030BA	
			±20%		C0603JB1E332M030BA	
3.3 nF	1005	0.50±0.05	±10%	C1005JB1H332K050BA		
			±20%	C1005JB1H332M050BA		
			±10%			C0603JB1C472K030BA
	0603	0.30±0.03	±20%			C0603JB1C472M030BA
4.7 nF	1005	0.50±0.05	±10%	C1005JB1H472K050BA		
			±20%	C1005JB1H472M050BA		

<sup>■</sup> Gray items: These products are not recommended for new designs.

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.



03K050BA 03K050BA 53K050BA 53K050BA C1005JB1C 23K030BB 23K030BB 23K030BB 23K030BB 23K050BA C1005JB1C	ge Edc: 16V C153K050BA C153M050BA C223K050BA
33M050BA C1005JB1C 53M050BA C1005JB1C 23M030BB 23M030BB 23M030BB 23M050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
33M050BA C1005JB1C 53M050BA C1005JB1C 23M030BB 23M030BB 23M030BB 23M050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
33M050BA C1005JB1C 53M050BA C1005JB1C 23M030BB 23M030BB 23M030BB 23M050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
53K050BA C1005JB1C 33M050BA C1005JB1C 23K030BB 23K030BB 23K030BB 23K050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
23M050BA C1005JB1C 23K030BB 23K030BB 23K050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
23M050BA C1005JB1C 23K030BB 23K030BB 23K050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
23M050BA C1005JB1C 23K030BB 23K030BB 23K050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
23K030BB 23K030BB 23K050BA C1005JB1C 23M050BA C1005JB1C	C223K050BA
:3M030BB :3K050BA C1005JB1C :3M050BA C1005JB1C	
:3M030BB :3K050BA C1005JB1C :3M050BA C1005JB1C	
:3M030BB :3K050BA C1005JB1C :3M050BA C1005JB1C	
23K050BA C1005JB1C 23M050BA C1005JB1C	
3M050BA C1005JB1C	
	ZZSIVIOSOBA
33K050BA C1005JB1C	
33K050BA C1005JB1C	
33K030BA C10033B1C	,333KUEUBV
3M050BA C1005JB1C	C333M050BA
010030B10	OOOIVIOOODA
73K030BB	
'3M030BB	
	C473K050BA
	2473M050BA
0.100002.10	
33K050BC C1005JB1C	C683K050BA
	C683M050BA
04K030BB C0603JB1C	C104K030BC
	C104M030BC
04K050BC C1005JB1C	C104K050BA
4M050BC C1005JB1C	104M050BA
C0603JB1C	C154K030BC
C0603JB1C	C154M030BC
54K030BC	
4M030BC	
54K050BC C1005JB1C	C154K050BB
4M050BC C1005JB1C	154M050BB
54K080AA	
54M080AA	
C0603JB1C	C224K030BC
	C224M030BC
24K030BC	
4M030BC	
	C224K050BB
	C224M050BB
24K080AA	
24M080AA	
34K050BB C1005JB1C	C334K050BC
	C334M050BC
	C334K080AA
34K080AC C1608JB1C	C334M080AA
2	C0603JB1C 4K030BC 4M030BC 4K050BC C1005JB1C 4M050BC C1005JB1C 4K080AA 4M080AA 4K050BB C1005JB1C 4M050BB C1005JB1C 4M050BB C1005JB1C

<sup>■</sup> Gray items: These products are not recommended for new designs.



apacitance	Dimensions	Thickness	Capacitance _ tolerance	Catalog number	Potod voltage Ede: 251/	Potod voltage Ede: 051/	Potod voltage Ede: 401
•		(mm)		Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16\
330 nF	2012	1.25±0.20	±10%	C2012JB1H334K125AA			
			±20% ±10%	C2012JB1H334M125AA	C1005JB1V474K050BC	C1005JB1E474K050BB	C1005JB1C474K050BC
	1005	0.50±0.05	±10% ±20%		C1005JB1V474K050BC	C1005JB1E474K050BB	C1005JB1C474K050BC
	-		±20%	C1608JB1H474K080AB	C1608JB1V474K080AB	C1608JB1E474K080AC	C1608JB1C474K080AA
470 nF	1608	0.80±0.10	±20%	C1608JB1H474K080AB	C1608JB1V474M080AB	C1608JB1E474M080AC	C1608JB1C474M080AA
			±10%	C2012JB1H474K125AB	C10000B1V474W000AB	010000B1E474W000A0	010000D10474W0000AF
	2012	1.25±0.20	±20%	C2012JB1H474M125AB			
			±10%	020120511111111120115	C1005JB1V684K050BC	C1005JB1E684K050BC	C1005JB1C684K050BC
	1005	0.50±0.05	±20%		C1005JB1V684M050BC	C1005JB1E684M050BC	C1005JB1C684M050BC
			±10%	C1608JB1H684K080AB	C1608JB1V684K080AB	C1608JB1E684K080AC	C1608JB1C684K080AA
680 nF	1608	0.80±0.10	±20%	C1608JB1H684M080AB	C1608JB1V684M080AB	C1608JB1E684M080AC	C1608JB1C684M080AA
			±10%	C2012JB1H684K125AB		C2012JB1E684K125AA	
	2012	1.25±0.20	±20%	C2012JB1H684M125AB		C2012JB1E684M125AA	
	400=		±10%		C1005JB1V105K050BC	C1005JB1E105K050BC	C1005JB1C105K050B0
	1005	0.50±0.05	±20%		C1005JB1V105M050BC	C1005JB1E105M050BC	C1005JB1C105M050B0
-	4000		±10%	C1608JB1H105K080AB	C1608JB1V105K080AB	C1608JB1E105K080AC	C1608JB1C105K080AA
	1608	0.80±0.10	±20%	C1608JB1H105M080AB	C1608JB1V105M080AB	C1608JB1E105M080AC	C1608JB1C105M080AA
4.05		0.05.0.15	±10%	C2012JB1H105K085AB	C2012JB1V105K085AB	C2012JB1E105K085AC	C2012JB1C105K085AA
1 μF	0010	0.85±0.15	±20%	C2012JB1H105M085AB	C2012JB1V105M085AB	C2012JB1E105M085AC	C2012JB1C105M085A
	2012	1.05 . 0.00	±10%	C2012JB1H105K125AB		C2012JB1E105K125AA	
		1.25±0.20	±20%	C2012JB1H105M125AB		C2012JB1E105M125AA	
	0010	1.00.0.00	±10%	C3216JB1H105K160AA			
	3216	1.60±0.20	±20%	C3216JB1H105M160AA			
		0.50.0.05	±10%				C1005JB1C155K050BC
		0.50±0.05	±20%				C1005JB1C155M050B0
	1005	0.50±0.10	±10%			C1005JB1E155K050BC	
	1005	0.50±0.10	±20%			C1005JB1E155M050BC	
		0.50+0.15, -0.10	±10%		C1005JB1V155K050BC		
		0.50+0.15, -0.10	±20%		C1005JB1V155M050BC		
1.5 µF	1608	0.80±0.10	±10%		C1608JB1V155K080AC	C1608JB1E155K080AB	C1608JB1C155K080AE
1.5 μι	1000	0.00±0.10	±20%		C1608JB1V155M080AC	C1608JB1E155M080AB	C1608JB1C155M080AB
		0.85±0.15	±10%			C2012JB1E155K085AC	
	2012	0.0010.10	±20%			C2012JB1E155M085AC	
	2012	1.25±0.20	±10%	C2012JB1H155K125AB	C2012JB1V155K125AB	C2012JB1E155K125AB	C2012JB1C155K125A
			±20%	C2012JB1H155M125AB	C2012JB1V155M125AB	C2012JB1E155M125AB	C2012JB1C155M125A
	3216	1.60±0.20	±10%	C3216JB1H155K160AB		C3216JB1E155K160AA	
			±20%	C3216JB1H155M160AB		C3216JB1E155M160AA	
		0.50±0.05	±10%				C1005JB1C225K050BC
			±20%				C1005JB1C225M050B0
	1005	0.50±0.10	±10%			C1005JB1E225K050BC	
			±20%			C1005JB1E225M050BC	
		0.50+0.15, -0.10	±10%		C1005JB1V225K050BC		
			±20%		C1005JB1V225M050BC		
	1608	0.80±0.10	±10%		C1608JB1V225K080AC	C1608JB1E225K080AB	C1608JB1C225K080AE
2.2 µF			±20%	00040 ID4I I0051/00545	C1608JB1V225M080AC	C1608JB1E225M080AB	C1608JB1C225M080AE
		0.85±0.15	±10%	C2012JB1H225K085AB	C2012JB1V225K085AB	C2012JB1E225K085AB	C2012JB1C225K085AC
	2012		±20%	C2012JB1H225M085AB	C2012JB1V225M085AB	C2012JB1E225M085AB	C2012JB1C225M085A0
		1.25±0.20	±10%	C2012JB1H225K125AB	C2012JB1V225K125AB	C2012JB1E225K125AC	C2012JB1C225K125A
			±20%	C2012JB1H225M125AB	C2012JB1V225M125AB	C2012JB1E225M125AC	C2012JB1C225M125A/
	3216	1.60±0.20	±10%	C3216JB1H225K160AB		C3216JB1E225K160AA	
			±20%	C3216JB1H225M160AB		C3216JB1E225M160AA	
	3225	2.00±0.20	±10% ±20%	C3225JB1H225K200AA C3225JB1H225M200AA			
				C3225JBTH225M200AA		04000 ID450051/00040	04000 ID400051/0004/
		0.80±0.10	±10%			C1608JB1E335K080AC	C1608JB1C335K080A
			±20%		C1600 ID4\/005\/00040	C1608JB1E335M080AC	C1608JB1C335M080A
	1608	0.9010.00.010			C1608JB1V335K080AC		
	1608	0.80+0.20, -0.10	±10%				
	1608	0.80+0.20, -0.10	±20%		C1608JB1V335M080AC		00040 10400000111111111
	1608	0.80+0.20, -0.10 0.60±0.15	±20% ±10%		C1608JB1V335M080AC		
3.3 µF	1608		±20% ±10% ±20%		C1608JB1V335M080AC	00040 ID45	C2012JB1C335M060A0
3.3 µF	2012		±20% ±10% ±20% ±10%		C1608JB1V335M080AC	C2012JB1E335K085AC	C2012JB1C335M060A0 C2012JB1C335K085AE
3.3 µF		0.60±0.15	±20% ±10% ±20% ±10% ±20%	00040 ID41 PORTIVE		C2012JB1E335M085AC	C2012JB1C335M060A0 C2012JB1C335K085AE C2012JB1C335M085AE
3.3 µF		0.60±0.15	±20% ±10% ±20% ±10% ±20% ±10%	C2012JB1H335K125AB	C2012JB1V335K125AC	C2012JB1E335M085AC C2012JB1E335K125AB	C2012JB1C335K060AC C2012JB1C335M060AC C2012JB1C335K085AB C2012JB1C335M085AB C2012JB1C335K125AC
3.3 μF		0.60±0.15 0.85±0.15	±20% ±10% ±20% ±10% ±20%	C2012JB1H335K125AB C2012JB1H335M125AB C3216JB1H335K160AB		C2012JB1E335M085AC	C2012JB1C335M060AC C2012JB1C335K085AE C2012JB1C335M085AE

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance D	Dimensions		Capacitance _ tolerance	Catalog number	Rated voltage Edc: 35V	Rated voltage Ede: 251/	Rated voltage Ede: 161
•		(mm)		Rated voltage Edc: 50V	Hated Voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16\
3.3 µF	3225	2.50±0.30	±10%	C3225JB1H335K250AA			
			±20%	C3225JB1H335M250AA		C1608JB1E475K080AC	C1608JB1C475K080AC
		0.80±0.10	±10%			C1608JB1E475M080AC	C1608JB1C475M080AC
	1608		±20%		C1608JB1V475K080AC	C10003B1E473M000AC	C10000B1C473W000AC
		0.80+0.20, -0.10 -	±10%		C1608JB1V475M080AC		
-			±10%		010000211470111000710		C2012JB1C475K060AC
		0.60±0.15	±20%				C2012JB1C475M060AC
			±10%			C2012JB1E475K085AC	C2012JB1C475K085AE
	2012	0.85±0.15	±20%			C2012JB1E475M085AC	C2012JB1C475M085AB
			±10%	C2012JB1H475K125AB	C2012JB1V475K125AC	C2012JB1E475K125AB	C2012JB1C475K125AC
4.7 μF		1.25±0.20 -	±20%	C2012JB1H475M125AB	C2012JB1V475M125AC	C2012JB1E475M125AB	C2012JB1C475M125A0
_		0.05.045	±10%	C3216JB1H475K085AB	C3216JB1V475K085AB	C3216JB1E475K085AB	
		0.85±0.15 -	±20%	C3216JB1H475M085AB	C3216JB1V475M085AB	C3216JB1E475M085AB	
	3216	1.15.0.15	±10%			C3216JB1E475K115AB	
		1.15±0.15 -	±20%			C3216JB1E475M115AB	
		1.00.0.00	±10%	C3216JB1H475K160AB	C3216JB1V475K160AB	C3216JB1E475K160AA	
		1.60±0.20 -	±20%	C3216JB1H475M160AB	C3216JB1V475M160AB	C3216JB1E475M160AA	
_	3225	2.50±0.30	±10%	C3225JB1H475K250AB			
	3225	2.50±0.30	±20%	C3225JB1H475M250AB			
	1608	0.80+0.20, -0.10 -	±10%			C1608JB1E685K080AC	C1608JB1C685K080AE
	1006	0.60+0.20, -0.10	±20%			C1608JB1E685M080AC	C1608JB1C685M080AE
		0.85±0.15 -	±10%				C2012JB1C685K085AC
	2012	0.00±0.15	±20%				C2012JB1C685M085A0
	2012	1.25±0.20 -	±10%		C2012JB1V685K125AC	C2012JB1E685K125AC	C2012JB1C685K125AC
_		1.23±0.20	±20%		C2012JB1V685M125AC	C2012JB1E685M125AC	C2012JB1C685M125AB
6.8 µF	3216	1.60±0.20 -	±10%	C3216JB1H685K160AB	C3216JB1V685K160AB	C3216JB1E685K160AB	C3216JB1C685K160AA
σ.σ μι	0210	1.00±0.20	±20%	C3216JB1H685M160AB	C3216JB1V685M160AB	C3216JB1E685M160AB	C3216JB1C685M160A
		2.00±0.20 -	±10%			C3225JB1E685K200AA	C3225JB1C685K200AA
	3225	2.0010.20	±20%			C3225JB1E685M200AA	C3225JB1C685M200AA
	OLLO	2.50±0.30 -	±10%	C3225JB1H685K250AB			
_		2.0020.00	±20%	C3225JB1H685M250AB			
	4532	2.50±0.30 -	±10%	C4532JB1H685K250KA			
			±20%	C4532JB1H685M250KA			
_	1608	0.80+0.20, -0.10	±20%			C1608JB1E106M080AC	C1608JB1C106M080AE
		0.85±0.15	±10%		C2012JB1V106K085AC	C2012JB1E106K085AC	C2012JB1C106K085AC
	2012		±20%		C2012JB1V106M085AC	C2012JB1E106M085AC	C2012JB1C106M085AC
		1.25±0.20 -	±10%		C2012JB1V106K125AC	C2012JB1E106K125AB	C2012JB1C106K125AE
_			±20%		C2012JB1V106M125AC	C2012JB1E106M125AB	C2012JB1C106M125AE
		0.85±0.15	±10%			C3216JB1E106K085AC	C3216JB1C106K085AB
	3216		±20%			C3216JB1E106M085AC	C3216JB1C106M085AE
10 μF		1.60±0.20	±10%	C3216JB1H106K160AB	C3216JB1V106K160AB	C3216JB1E106K160AB	C3216JB1C106K160AA
-			±20%	C3216JB1H106M160AB	C3216JB1V106M160AB	C3216JB1E106M160AB	C3216JB1C106M160AA
		2.00±0.20 -	±10%				C3225JB1C106K200AA
	3225		±20%	00005 ID41 I400K050 A D		00005 10454001/05044	C3225JB1C106M200AA
		2.50±0.30 -	±10%	C3225JB1H106K250AB		C3225JB1E106K250AA	
=			±20%	C3225JB1H106M250AB		C3225JB1E106M250AA	
	4532	2.50±0.30 -	±10%			C4532JB1E106K250KA	
	2012	1.05 . 0.00	±20%		C0040 ID4V450M405AC	C4532JB1E106M250KA	C0010 ID1C1E0M10EAG
=	2012 3216	1.25±0.20 1.60±0.20	±20%		C2012JB1V156M125AC C3216JB1V156M160AC	C2012JB1E156M125AC C3216JB1E156M160AB	C2012JB1C156M125AC
15 μF -	3216		±20% ±20%		OPTION DIA LIGHTION C	OSZ TOJE TE TODIVITOUAD	
-	4532	2.50±0.30	±20% ±20%			CAESS IR1E1ECMSEONA	C3225JB1C156M250AA
		2.50±0.30			C2216 IR1\/226\4160AC	C4532JB1E156M250KA	Capte IB1CapeMtcoAt
=	3216	1.60±0.20	±20%		C3216JB1V226M160AC	C3216JB1E226M160AB	C3216JB1C226M160AE
22 uE =	3225	2.50±0.30	±20%				C3225JB1C226M250AA
22 µF	4532	2.00±0.20	±20%			CAESS ID1ESSCRASSONA	C4532JB1C226M200KA
=	57F0	2.50±0.30	±20%			C4532JB1E226M250KA C5750JB1E226M250KA	
	5750	2.50±0.30	±20%			CO/OUJD IE226M25UKA	

<sup>■</sup> Gray items: These products are not recommended for new designs.



Consoitones	Dimensions	Thickness	Capacitance	Catalog number	
Сараспансе	Dimensions	(mm)	tolerance	Rated voltage Edc: 25V	Rated voltage Edc: 16V
33 µF	3216	1.60±0.20	±20%	C3216JB1E336M160AC	C3216JB1C336M160AB
	4532	2.50±0.30	±20%		C4532JB1C336M250KA

0	Dimanaiana	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
1 nF	0402	0.20±0.02	±10%	C0402JB1A102K020BC	C0402JB0J102K020BC	C0402JB0G102K020BC
1111	0402	0.20±0.02	±20%	C0402JB1A102M020BC	C0402JB0J102M020BC	C0402JB0G102M020BC
1.5 nF	0402	0.20±0.02	±10%	C0402JB1A152K020BC	C0402JB0J152K020BC	C0402JB0G152K020BC
1.5111	0402	0.20±0.02	±20%	C0402JB1A152M020BC	C0402JB0J152M020BC	C0402JB0G152M020BC
2.2 nF	0402	0.20±0.02	±10%	C0402JB1A222K020BC	C0402JB0J222K020BC	C0402JB0G222K020BC
2.2 115	0402	0.2010.02	±20%	C0402JB1A222M020BC	C0402JB0J222M020BC	C0402JB0G222M020BC
6.8 nF	0603	0.30±0.03	±10%	C0603JB1A682K030BA		
0.611	0003	0.30±0.03	±20%	C0603JB1A682M030BA		
10 nF	0603	0.30±0.03	±10%	C0603JB1A103K030BA		
10 11 0003		0.30±0.03	±20%	C0603JB1A103M030BA		
15 nF	0603	0.30±0.03	±10%	C0603JB1A153K030BC	C0603JB0J153K030BA	
13111 0003	0003		±20%	C0603JB1A153M030BC	C0603JB0J153M030BA	
47 nF	1005	0.50±0.05	±10%	C1005JB1A473K050BA		
47 111	47 nF 1005	0.30±0.03	±20%	C1005JB1A473M050BA		
68 nF	1005	0.50±0.05	±10%	C1005JB1A683K050BA		
00 111	1005	0.30±0.03	±20%	C1005JB1A683M050BA		
	0603	0.30±0.03	±10%	C0603JB1A104K030BC		
100 nF	0003	0.30±0.03	±20%	C0603JB1A104M030BC		
100 111	1005	0.50±0.05	±10%	C1005JB1A104K050BA		
	1005	0.50±0.05	±20%	C1005JB1A104M050BA		
150 nF	0603	0.30±0.03	±10%	C0603JB1A154K030BB	C0603JB0J154K030BB	
130 111	0003	0.30±0.03	±20%	C0603JB1A154M030BB	C0603JB0J154M030BB	
220 nF	0603	0.30±0.03	±10%	C0603JB1A224K030BB	C0603JB0J224K030BB	
220111	0003	0.30±0.03	±20%	C0603JB1A224M030BB	C0603JB0J224M030BB	
		0.30±0.03	±20%		C0603JB0J334M030BC	
330 nF	0603	0.30±0.05	±10%	C0603JB1A334K030BC	·	
		0.30±0.05	±20%	C0603JB1A334M030BC	-	
470 nF	0603 -	0.30±0.03	±20%		C0603JB0J474M030BC	
4/011	0603 -	0.30±0.05	±20%	C0603JB1A474M030BC		

<sup>■</sup> Gray items: These products are not recommended for new designs.



0	Capacitance Dimensions	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
680 nF	1608	0.90+0.15 0.10	±10%	C1608JB1A684K080AC		
660 HF	1000	0.80+0.15, -0.10	±20%	C1608JB1A684M080AC		
1 μF	1600	0.00.0.15 0.10	±10%	C1608JB1A105K080AC		
ιμг	1608	0.80+0.15, -0.10	±20%	C1608JB1A105M080AC		
1 5 5	1005	0.50.0.05	±10%	C1005JB1A155K050BC	C1005JB0J155K050BB	
1.5 µF	1005	0.50±0.05	±20%	C1005JB1A155M050BC	C1005JB0J155M050BB	
	1005	0.50.0.05	±10%	C1005JB1A225K050BC	C1005JB0J225K050BC	C1005JB0G225K050BB
00.5	1005	0.50±0.05	±20%	C1005JB1A225M050BC	C1005JB0J225M050BC	C1005JB0G225M050BB
2.2 µF	0010	0.05.045	±10%	C2012JB1A225K085AA		
	2012	0.85±0.15	±20%	C2012JB1A225M085AA		
	400=	0.50.010	±10%	C1005JB1A335K050BC	C1005JB0J335K050BC	C1005JB0G335K050BB
	1005	0.50±0.10	±20%	C1005JB1A335M050BC	C1005JB0J335M050BC	C1005JB0G335M050BB
			±10%	C1608JB1A335K080AB		
3.3 µF	1608	0.80±0.10	±20%	C1608JB1A335M080AB		
			±10%	C2012JB1A335K125AA		
	2012	1.25±0.20	±20%	C2012JB1A335M125AA		
			±10%	C1005JB1A475K050BC	C1005JB0J475K050BC	C1005JB0G475K050BB
	1005	0.50+0.15, -0.10	±20%	C1005JB1A475M050BC	C1005JB0J475M050BC	C1005JB0G475M050BB
			±10%	C1608JB1A475K080AB		
	1608	0.80±0.10	±20%	C1608JB1A475M080AB		
4.7 μF			±10%	C2012JB1A475K060AB		
		0.60±0.15	±20%	C2012JB1A475M060AB		
	2012		±10%	C2012JB1A475K125AA		
		1.25±0.20	±20%	C2012JB1A475M125AA		
			±10%	C1608JB1A685K080AC	C1608JB0J685K080AB	
	1608	0.80±0.10	±20%	C1608JB1A685M080AC	C1608JB0J685M080AB	
6.8 µF			±10%	C2012JB1A685K060AC	0.0000200000000000000000000000000000000	
	2012	0.60±0.15	±20%	C2012JB1A685M060AC		
			±10%	C1608JB1A106K080AC	C1608JB0J106K080AB	
	1608	0.80±0.10	±20%	C1608JB1A106M080AC	C1608JB0J106M080AB	
10 μF			±10%	C3216JB1A106K160AA	0.0000200.0000000000	
	3216	1.60±0.20	±20%	C3216JB1A106M160AA		
	1608	0.80+0.20, -0.10	±20%	C1608JB1A156M080AC	C1608JB0J156M080AC	C1608JB0G156M080AA
	1000	0.85±0.15	±20%	C2012JB1A156M085AC	C2012JB0J156M085AB	C1000DCG100M0007U1
15 µF	2012	1.25±0.20	±20%	C2012JB1A156M125AB	C2012JB0J156M125AC	
	3225	2.30±0.20	±20%	C3225JB1A156M230AA	0201202001001112010	
	1608	0.80+0.20, -0.10	±20%	C1608JB1A226M080AC	C1608JB0J226M080AC	C1608JB0G226M080AA
		0.85±0.15	±20%	C2012JB1A226M085AC	C2012JB0J226M085AB	0.0000200220110007.11
22 µF	2012	1.25±0.20	±20%	C2012JB1A226M125AB	C2012JB0J226M125AC	
	3225	2.50±0.30	±20%	C3225JB1A226M250AA	02012020022011120110	
	2012	1.25±0.20	±20%	C2012JB1A336M125AC	C2012JB0J336M125AC	
33 µF	-	1.30±0.20	±20%	525 1205 17 1000 NT 120710	C3216JB0J336M130AC	
ου μι	3216	1.60±0.20	±20%	C3216JB1A336M160AB	332100D00000011100A0	
	2012	1.25±0.20	±20%	C2012JB1A476M125AC	C2012JB0J476M125AC	
47 µF	3216	1.60±0.20	±20%	C3216JB1A476M160AB	C3216JB0J476M160AC	
	3216	1.60+0.30, -0.10	±20%	C3216JB1A686M160AC	C3216JB0J686M160AB	
68 µF	3225	2.00±0.20	±20%	COZ TOOD TAOOOIVITOOAC	C3225JB0J686M200AC	
	3216	1.60+0.30, -0.10	±20%	C3216JB1A107M160AC	C3216JB0J107M160AB	
100 μF	3225	2.50±0.30	±20%	COZ TOOD TA TO TWITOUAC	C3225JB0J107M250AC	
	3223	∠.50±0.30	±∠U%		ONECOUDOU TU/INIZOUNO	

<sup>■</sup> Gray items: These products are not recommended for new designs.



0	Dimensions	Thickness	Capacitance	Catalog number				
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V		
	0402	0.20±0.02	±10%			C0402X5R1C101K020BC		
100 pF	0402	0.20±0.02	±20%			C0402X5R1C101M020BC		
100 pi	0603	0.30±0.03	±10%		C0603X5R1E101K030BA			
	0000	0.00±0.00	±20%		C0603X5R1E101M030BA			
	0402	0.20±0.02	±10%			C0402X5R1C151K020BC		
150 pF	0102	0.2020.02	±20%			C0402X5R1C151M020BC		
100 pi	0603	0.30±0.03	±10%		C0603X5R1E151K030BA			
		0.00±0.00	±20%		C0603X5R1E151M030BA			
	0402	0.20±0.02	±10%			C0402X5R1C221K020BC		
	0102	0.2020.02	±20%			C0402X5R1C221M020BC		
220 pF	0603	0.30±0.03	±10%		C0603X5R1E221K030BA			
220 pi		0.00±0.00	±20%		C0603X5R1E221M030BA			
	1005	0.50±0.05	±10%	C1005X5R1H221K050BA				
	1000	0.00±0.00	±20%	C1005X5R1H221M050BA				
	0402	0402	0402	0.20±0.02	±10%			C0402X5R1C331K020BC
	0102	0.2020.02	±20%			C0402X5R1C331M020BC		
330 pF	0603	0.30±0.03	±10%		C0603X5R1E331K030BA			
000 pi		0.0020.00	±20%		C0603X5R1E331M030BA			
	1005	0.50±0.05	±10%	C1005X5R1H331K050BA				
		0.30±0.03	±20%	C1005X5R1H331M050BA				
	0402	0.20±0.02	±10%			C0402X5R1C471K020BC		
		0.2020.02	±20%			C0402X5R1C471M020BC		
470 pF	0603	0.30±0.03	±10%		C0603X5R1E471K030BA			
470 pi			±20%		C0603X5R1E471M030BA			
	1005	0.50±0.05	±10%	C1005X5R1H471K050BA				
	1000	0.00±0.00	±20%	C1005X5R1H471M050BA				
	0402	0.20±0.02	±10%			C0402X5R1C681K020BC		
	0102	0.2020.02	±20%			C0402X5R1C681M020BC		
680 pF	0603	0.30±0.03	±10%		C0603X5R1E681K030BA			
000 pi		0.00±0.00	±20%		C0603X5R1E681M030BA			
	1005	0.50±0.05	±10%	C1005X5R1H681K050BA				
	1000	0.00±0.00	±20%	C1005X5R1H681M050BA				
	0603	0.30±0.03	±10%		C0603X5R1E102K030BA			
1 nF		0.00±0.00	±20%		C0603X5R1E102M030BA			
	1005	0.50±0.05	±10%	C1005X5R1H102K050BA				
	1005	0.00±0.00	±20%	C1005X5R1H102M050BA				
	0603	0.30±0.03	±10%		C0603X5R1E152K030BA			
1.5 nF	0000	0.00±0.00	±20%		C0603X5R1E152M030BA			
1.5 111	1005	0.50±0.05	±10%	C1005X5R1H152K050BA				
		0.00±0.00	±20%	C1005X5R1H152M050BA				

 $<sup>\</sup>blacksquare$  Gray items: These products are not recommended for new designs.



_		Thickness	Capacitance	Catalog number			
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0603	0.30±0.03	±10%			C0603X5R1E222K030BA	
2.2 nF	0603	0.30±0.03	±20%			C0603X5R1E222M030BA	
2.2 111	1005	0.50±0.05	±10%	C1005X5R1H222K050BA			
	1000	0.00±0.00	±20%	C1005X5R1H222M050BA			
	0603	0.30±0.03	±10%			C0603X5R1E332K030BA	
3.3 nF			±20%			C0603X5R1E332M030BA	
	1005	0.50±0.05	±10%	C1005X5R1H332K050BA			
			±20%	C1005X5R1H332M050BA			00000/5040470/00004
	0603	0.30±0.03	±10%				C0603X5R1C472K030BA
4.7 nF			±20%	C1005V5D411470V050D4			C0603X5R1C472M030BA
	1005	$0.50\pm0.05$	±10% ±20%	C1005X5R1H472K050BA C1005X5R1H472M050BA			
			±10%	C1005X5R1H682K050BA			
6.8 nF	1005	0.50±0.05	±20%	C1005X5R1H682M050BA			
			±10%	0.1000/(0.11110021110002/1			C0603X5R1C103K030BA
	0603	0.30±0.03	±20%				C0603X5R1C103M030BA
			±10%	C1005X5R1H103K050BB		C1005X5R1E103K050BA	
10 nF	1005	0.50±0.05	±20%	C1005X5R1H103M050BB		C1005X5R1E103M050BA	
	1000		±10%	C1608X5R1H103K080AA			
	1608	0.80±0.10	±20%	C1608X5R1H103M080AA			
	1005	0.50.0.05	±10%	C1005X5R1H153K050BB		C1005X5R1E153K050BA	C1005X5R1C153K050BA
15 nF ——	1005	0.50±0.05	±20%	C1005X5R1H153M050BB		C1005X5R1E153M050BA	C1005X5R1C153M050BA
	1608	0.80±0.10	±10%	C1608X5R1H153K080AA			
	1006	0.60±0.10	±20%	C1608X5R1H153M080AA			
	0603	0.30±0.03	±10%			C0603X5R1E223K030BB	
		0.00±0.00	±20%			C0603X5R1E223M030BB	
22 nF	1005	0.50±0.05	±10%	C1005X5R1H223K050BB		C1005X5R1E223K050BA	C1005X5R1C223K050BA
			±20%	C1005X5R1H223M050BB		C1005X5R1E223M050BA	C1005X5R1C223M050BA
	1608	0.80±0.10	±10%	C1608X5R1H223K080AA			
			±20%	C1608X5R1H223M080AA		01005/5015000/05004	04005/45040000/05004
	1005	0.50±0.05	±10%	C1005X5R1H333K050BB		C1005X5R1E333K050BA	C1005X5R1C333K050BA
33 nF			±20% ±10%	C1005X5R1H333M050BB		C1005X5R1E333M050BA	C1005X5R1C333M050BA
	1608	0.80±0.10	±20%	C1608X5R1H333K080AA C1608X5R1H333M080AA			
			±10%	OTOOOXSTTTTOOSWOOOXA		C0603X5R1E473K030BB	
	0603	0.30±0.03	±20%			C0603X5R1E473M030BB	
			±10%	C1005X5R1H473K050BB		C1005X5R1E473K050BA	C1005X5R1C473K050BA
47 nF	1005	0.50±0.05	±20%	C1005X5R1H473M050BB		C1005X5R1E473M050BA	C1005X5R1C473M050BA
	1000	0.00 0.10	±10%	C1608X5R1H473K080AA			
	1608	0.80±0.10	±20%	C1608X5R1H473M080AA			
	1005	0.50.0.05	±10%	C1005X5R1H683K050BB	C1005X5R1V683K050BB	C1005X5R1E683K050BC	C1005X5R1C683K050BA
68 nF	1005	0.50±0.05	±20%	C1005X5R1H683M050BB	C1005X5R1V683M050BB	C1005X5R1E683M050BC	C1005X5R1C683M050BA
00 111	1608	0.80±0.10	±10%	C1608X5R1H683K080AA			
	1000	0.00±0.10	±20%	C1608X5R1H683M080AA			
	0603	0.30±0.03	±10%			C0603X5R1E104K030BB	C0603X5R1C104K030BC
			±20%	040057/504114041/05000	04005/504/404/405000	C0603X5R1E104M030BB	C0603X5R1C104M030BC
	1005	0.50±0.05	±10%	C1005X5R1H104K050BB	C1005X5R1V104K050BB	C1005X5R1E104K050BC	C1005X5R1C104K050BA
100 nF			±20%	C1005X5R1H104M050BB C1608X5R1H104K080AA	C1005X5R1V104M050BB	C1005X5R1E104M050BC	C1005X5R1C104M050BA
	1608	0.80±0.10	±10% ±20%	C1608X5R1H104M080AA			
			±10%	C2012X5R1H104K085AA			
	2012	0.85±0.15	±20%	C2012X5R1H104M085AA			
			±10%	02012/01/11/10/11/00/07			C0603X5R1C154K030BC
		0.30±0.03	±20%				C0603X5R1C154M030BC
	0603 -		±10%			C0603X5R1E154K030BC	
		0.30±0.05	±20%			C0603X5R1E154M030BC	
150 -5	1005	0.50:0.05	±10%			C1005X5R1E154K050BC	C1005X5R1C154K050BB
150 nF	1005	0.50±0.05	±20%			C1005X5R1E154M050BC	C1005X5R1C154M050BB
	1600	0.80±0.10	±10%	C1608X5R1H154K080AB	C1608X5R1V154K080AB	C1608X5R1E154K080AA	
	1608	0.00±0.10	±20%	C1608X5R1H154M080AB	C1608X5R1V154M080AB	C1608X5R1E154M080AA	
	2012	0.85±0.15	±10%	C2012X5R1H154K085AA			
		0.00±0.10	±20%	C2012X5R1H154M085AA			

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimensions	Thickness	Capacitance _	Catalog number			
эараспансс	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
		0.30±0.03	±10%				C0603X5R1C224K030BC
	0603		±20%			000000/5045004/00000	C0603X5R1C224M030BC
		0.30±0.05	±10%			C0603X5R1E224K030BC	
			±20%			C0603X5R1E224M030BC	C100EVED1C004K0E0DD
220 nF	1005	0.50±0.05	±10% ±20%			C1005X5R1E224K050BC C1005X5R1E224M050BC	C1005X5R1C224K050BB C1005X5R1C224M050BB
			±20%	C1608X5R1H224K080AB	C1608X5R1V224K080AB	C1608X5R1E224K080AA	C 1005A5H 1G224W050BB
	1608	0.80±0.10	±10%	C1608X5R1H224M080AB	C1608X5R1V224M080AB	C1608X5R1E224M080AA	
			±20%	C2012X5R1H224K125AA	CTOOOXSTTTVZZ4WOOOAB	CTOOOXSTTLZZ4WOOOAA	
	2012	1.25±0.20	±20%	C2012X5R1H224M125AA			
			±10%	OLO IL/KOTTITILE HWITLO/ UT	C1005X5R1V334K050BC	C1005X5R1E334K050BB	
	1005	0.50±0.05	±20%		C1005X5R1V334M050BC	C1005X5R1E334M050BB	
			±10%	C1608X5R1H334K080AB	C1608X5R1V334K080AB	C1608X5R1E334K080AC	C1608X5R1C334K080AA
330 nF	1608	0.80±0.10	±20%	C1608X5R1H334M080AB	C1608X5R1V334M080AB	C1608X5R1E334M080AC	C1608X5R1C334M080AA
			±10%	C2012X5R1H334K125AA			
	2012	1.25±0.20	±20%	C2012X5R1H334M125AA			
			±10%		C1005X5R1V474K050BC	C1005X5R1E474K050BB	
	1005	0.50±0.05	±20%		C1005X5R1V474M050BC	C1005X5R1E474M050BB	
			±10%	C1608X5R1H474K080AB	C1608X5R1V474K080AB	C1608X5R1E474K080AC	C1608X5R1C474K080AA
470 nF	1608	0.80±0.10	±20%	C1608X5R1H474M080AB	C1608X5R1V474M080AB	C1608X5R1E474M080AC	C1608X5R1C474M080AA
	0010	4.05.000	±10%	C2012X5R1H474K125AB			
	2012	1.25±0.20	±20%	C2012X5R1H474M125AB			
	400=		±10%		C1005X5R1V684K050BC	C1005X5R1E684K050BC	C1005X5R1C684K050BC
	1005	0.50±0.05	±20%		C1005X5R1V684M050BC	C1005X5R1E684M050BC	C1005X5R1C684M050BC
680 nF	4000	0.00 0.10	±10%	C1608X5R1H684K080AB	C1608X5R1V684K080AB	C1608X5R1E684K080AC	C1608X5R1C684K080AA
	1608	0.80±0.10	±20%	C1608X5R1H684M080AB	C1608X5R1V684M080AB	C1608X5R1E684M080AC	C1608X5R1C684M080AA
	0010	1.05 - 0.00	±10%	C2012X5R1H684K125AB		C2012X5R1E684K125AA	
	2012	1.25±0.20	±20%	C2012X5R1H684M125AB		C2012X5R1E684M125AA	
	1005	0.50.0.05	±10%		C1005X5R1V105K050BC	C1005X5R1E105K050BC	
_	1005	0.50±0.05	±20%		C1005X5R1V105M050BC	C1005X5R1E105M050BC	
	1600	0.90+0.10	±10%	C1608X5R1H105K080AB	C1608X5R1V105K080AB	C1608X5R1E105K080AC	C1608X5R1C105K080AA
	1608	0.80±0.10	±20%	C1608X5R1H105M080AB	C1608X5R1V105M080AB	C1608X5R1E105M080AC	C1608X5R1C105M080AA
1 μF		0.85±0.15	±10%	C2012X5R1H105K085AB	C2012X5R1V105K085AB	C2012X5R1E105K085AC	C2012X5R1C105K085AA
ıμι	2012	0.03±0.13	±20%	C2012X5R1H105M085AB	C2012X5R1V105M085AB	C2012X5R1E105M085AC	C2012X5R1C105M085AA
	2012	1.25±0.20	±10%	C2012X5R1H105K125AB		C2012X5R1E105K125AA	
		1.2020.20	±20%	C2012X5R1H105M125AB		C2012X5R1E105M125AA	
	3216	1.60±0.20	±10%	C3216X5R1H105K160AA			
	02.0	110020.20	±20%	C3216X5R1H105M160AA			
		0.50±0.05	±10%				C1005X5R1C155K050BC
			±20%				C1005X5R1C155M050BC
	1005	0.50±0.10	±10%			C1005X5R1E155K050BC	
			±20%			C1005X5R1E155M050BC	
		0.50+0.15, -0.10	±10%		C1005X5R1V155K050BC		
		,	±20%		C1005X5R1V155M050BC		
1.5 µF	1608	0.80±0.10	±10%		C1608X5R1V155K080AC	C1608X5R1E155K080AB	C1608X5R1C155K080AB
•			±20%		C1608X5R1V155M080AC	C1608X5R1E155M080AB	C1608X5R1C155M080AB
		0.85±0.15	±10%			C2012X5R1E155K085AC	
	2012		±20%	00040V5D41455144054D	000407/2047/42240240	C2012X5R1E155M085AC	000101/5D101551/10511
		1.25±0.20	±10%	C2012X5R1H155K125AB	C2012X5R1V155K125AB	C2012X5R1E155K125AA	C2012X5R1C155K125AA
			±20%	C2012X5R1H155M125AB	C2012X5R1V155M125AB	C2012X5R1E155M125AA	C2012X5R1C155M125AA
	3216	1.60±0.20	±10%	C3216X5R1H155K160AB		C3216X5R1E155K160AA	
			±20%	C3216X5R1H155M160AB		C3216X5R1E155M160AA	C100EVED4000EK0E0D0
		0.50±0.05	±10%				C1005X5R1C225K050BC
			±20%			C100EVED1F00EV0E0D0	C1005X5R1C225M050BC
	1005	0.50±0.10	±10%			C1005X5R1E225K050BC C1005X5R1E225M050BC	
			±20%		C100EVED1\/00EV0E0D0	O TOUSASH TEZZSMUSUBC	
		0.50+0.15, -0.10	±10%		C1005X5R1V225K050BC		
2.2 µF			±20%		C1609X5R1V225M050BC	C1600VED1E00EV000AD	C1600VED10005K000 * D
	1608	0.80±0.10	±10%		C1608X5R1V225K080AC	C1608X5R1E225K080AB	C1608X5R1C225K080AB
			±20%	C0040VED4LI00EI/00EAD	C1608X5R1V225M080AC	C1608X5R1E225M080AB	C1608X5R1C225M080AB
		0.85±0.15	±10%	C2012X5R1H225K085AB	C2012X5R1V225K085AB	C2012X5R1E225K085AC	C2012X5R1C225K085AC
	2012		±20%	C2012X5R1H225M085AB	C2012X5R1V225M085AB	C2012X5R1E225M085AC	C2012X5R1C225M085AC
		1.25±0.20	±10%	C2012X5R1H225K125AB	C2012X5R1V225K125AB	C2012X5R1E225K125AC	C2012X5R1C225K125AA
		-	±20%	C2012X5R1H225M125AB	C2012X5R1V225M125AB	C2012X5R1E225M125AC	C2012X5R1C225M125AA

<sup>■</sup> Gray items: These products are not recommended for new designs.



apacitance I	Dimensions	Thickness	Capacitance _	Catalog number			
.,		(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16\
	3216	1.60±0.20	±10%	C3216X5R1H225K160AB		C3216X5R1E225K160AA	
2.2 μF -			±20%	C3216X5R1H225M160AB		C3216X5R1E225M160AA	
	3225	2.50±0.30	±10%	C3225X5R1H225K250AB			
			±20%	C3225X5R1H225M250AB			
		0.80±0.10	±10%			C1608X5R1E335K080AC	C1608X5R1C335K080A
	1608		±20%			C1608X5R1E335M080AC	C1608X5R1C335M080A
		0.80+0.20, -0.10	±10%		C1608X5R1V335K080AC		
-			±20%		C1608X5R1V335M080AC		
		0.60±0.15	±10%				C2012X5R1C335K060A
			±20%				C2012X5R1C335M060A
3.3 µF	2012	0.85±0.15	±10%			C2012X5R1E335K085AC	C2012X5R1C335K085A
•			±20%			C2012X5R1E335M085AC	C2012X5R1C335M085A
		1.25±0.20	±10%	C2012X5R1H335K125AB	C2012X5R1V335K125AC	C2012X5R1E335K125AB	C2012X5R1C335K125A
_			±20%	C2012X5R1H335M125AB	C2012X5R1V335M125AC	C2012X5R1E335M125AB	C2012X5R1C335M125A
	3216	1.60±0.20	±10%	C3216X5R1H335K160AB	C3216X5R1V335K160AB	C3216X5R1E335K160AA	
-			±20%	C3216X5R1H335M160AB	C3216X5R1V335M160AB	C3216X5R1E335M160AA	
	3225	2.50±0.30	±10%	C3225X5R1H335K250AB			
			±20%	C3225X5R1H335M250AB			
		0.80±0.10	±10%			C1608X5R1E475K080AC	C1608X5R1C475K080A
	1608		±20%			C1608X5R1E475M080AC	C1608X5R1C475M080A
		0.80+0.20, -0.10	±10%		C1608X5R1V475K080AC		
_			±20%		C1608X5R1V475M080AC		
		0.60±0.15	±10%				C2012X5R1C475K060A
			±20%				C2012X5R1C475M060A
	2012	0.85±0.15	±10%			C2012X5R1E475K085AC	C2012X5R1C475K085A
	2012	0.00=00	±20%			C2012X5R1E475M085AC	C2012X5R1C475M085A
4.7 μF		1.25±0.20	±10%	C2012X5R1H475K125AB	C2012X5R1V475K125AC	C2012X5R1E475K125AB	C2012X5R1C475K125A
··· p·			±20%	C2012X5R1H475M125AB	C2012X5R1V475M125AC	C2012X5R1E475M125AB	C2012X5R1C475M125A
		0.85±0.15	±10%	C3216X5R1H475K085AB	C3216X5R1V475K085AB	C3216X5R1E475K085AB	
		0.00±0.10	±20%	C3216X5R1H475M085AB	C3216X5R1V475M085AB	C3216X5R1E475M085AB	
	3216	1.15±0.15	±10%			C3216X5R1E475K115AB	C3216X5R1C475K115A
	02.0	0200	±20%			C3216X5R1E475M115AB	C3216X5R1C475M115A
		1.60±0.20	±10%	C3216X5R1H475K160AB	C3216X5R1V475K160AB	C3216X5R1E475K160AA	
_		1.00±0.20	±20%	C3216X5R1H475M160AB	C3216X5R1V475M160AB	C3216X5R1E475M160AA	
	3225	2.50±0.30	±10%	C3225X5R1H475K250AB			
	0220	2.50±0.00	±20%	C3225X5R1H475M250AB			
	1608	0.80+0.20, -0.10	±10%			C1608X5R1E685K080AC	C1608X5R1C685K080A
_	1000	0.00+0.20, -0.10	±20%			C1608X5R1E685M080AC	C1608X5R1C685M080A
		0.85±0.15	±10%				C2012X5R1C685K085A
	2012	0.05±0.15	±20%				C2012X5R1C685M085A
	2012	1.25±0.20	±10%		C2012X5R1V685K125AC	C2012X5R1E685K125AC	
_		1.25±0.20	±20%		C2012X5R1V685M125AC	C2012X5R1E685M125AC	
6.8 µF	3216	1.60±0.20	±10%	C3216X5R1H685K160AB	C3216X5R1V685K160AB	C3216X5R1E685K160AB	C3216X5R1C685K160A
0.6 μΓ	3210	1.00±0.20	±20%	C3216X5R1H685M160AB	C3216X5R1V685M160AB	C3216X5R1E685M160AB	C3216X5R1C685M160A
		2.00±0.20	±10%				C3225X5R1C685K200A
	3225	2.00±0.20	±20%				C3225X5R1C685M200A
	0220	2 50 , 0 20	±10%	C3225X5R1H685K250AB		C3225X5R1E685K250AA	
		2.50±0.30	±20%	C3225X5R1H685M250AB		C3225X5R1E685M250AA	
	4500	0.50.0.20	±10%	C4532X5R1H685K250KA			
	4532	2.50±0.30	±20%	C4532X5R1H685M250KA			
	1608	0.80+0.20, -0.10	±20%			C1608X5R1E106M080AC	C1608X5R1C106M080A
-		0.05.0.15	±10%		C2012X5R1V106K085AC	C2012X5R1E106K085AC	C2012X5R1C106K085A
	2012	0.85±0.15	±20%		C2012X5R1V106M085AC	C2012X5R1E106M085AC	C2012X5R1C106M085A
	2012	1.25+0.20	±10%		C2012X5R1V106K125AC	C2012X5R1E106K125AB	
10 μF		1.25±0.20	±20%		C2012X5R1V106M125AC	C2012X5R1E106M125AB	
-		0.05.0.15	±10%			C3216X5R1E106K085AC	
	0010	0.85±0.15	±20%			C3216X5R1E106M085AC	
	3216		±10%	C3216X5R1H106K160AB	C3216X5R1V106K160AB	C3216X5R1E106K160AB	C3216X5R1C106K160A
		1.60±0.20	±20%	C3216X5R1H106M160AB	C3216X5R1V106M160AB	C3216X5R1E106M160AB	C3216X5R1C106M160A

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimensions	Thickness	Capacitance	Catalog number			
Сараспансе	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
		2.00±0.20	±10%				C3225X5R1C106K200AA
	3225 -	2.00±0.20	±20%				C3225X5R1C106M200AA
	3225	2.50±0.30	±10%	C3225X5R1H106K250AB		C3225X5R1E106K250AA	
10 μF		2.50±0.30	±20%	C3225X5R1H106M250AB		C3225X5R1E106M250AA	
το με	4532	2.50±0.30	±10%			C4532X5R1E106K250KA	
	4552	2.30±0.30	±20%			C4532X5R1E106M250KA	
	5750	2.30±0.20	±10%	C5750X5R1H106K230KA			
	5750	2.30±0.20	±20%	C5750X5R1H106M230KA			
	2012	1.25±0.20	±20%		C2012X5R1V156M125AC	C2012X5R1E156M125AC	C2012X5R1C156M125AC
	3216	1.60±0.20	±20%		C3216X5R1V156M160AC	C3216X5R1E156M160AB	C3216X5R1C156M160AB
15 μF	3225	2.50±0.30	±20%				C3225X5R1C156M250AA
	4532 -	2.50±0.30	±20%			C4532X5R1E156M250KA	
		2.80±0.30	±20%			C4532X5R1E156M280KA	
		0.85±0.15	±20%				C2012X5R1C226M085AC
	2012	1.25±0.20	±10%				C2012X5R1C226K125AC
		1.25±0.20	±20%		C2012X5R1V226M125AC	C2012X5R1E226M125AC	C2012X5R1C226M125AC
	3216	1.60±0.20	±20%		C3216X5R1V226M160AC	C3216X5R1E226M160AB	C3216X5R1C226M160AB
	3225	2.50±0.30	±10%				C3225X5R1C226K250AA
22 µF	3223	2.50±0.50	±20%				C3225X5R1C226M250AA
		2.00±0.20	±20%				C4532X5R1C226M200KA
	4532	2.30±0.20	±20%				C4532X5R1C226M230KA
		2.50±0.30	±20%			C4532X5R1E226M250KA	
	5750	2.30±0.20	±20%			C5750X5R1E226M230KA	
	5750	2.50±0.30	±20%			C5750X5R1E226M250KA	
	3216	1.60±0.20	±20%			C3216X5R1E336M160AC	C3216X5R1C336M160AB
33 µF	4532	2.50±0.30	±20%				C4532X5R1C336M250KA
	5750	2.00±0.20	±20%				C5750X5R1C336M200KA
47	3216	1.60±0.20	±20%			C3216X5R1E476M160AC	C3216X5R1C476M160AB
47 μF	5750	2.30±0.20	±20%				C5750X5R1C476M230KA

Capacitance	Dimensions	Thickness	Capacitance	Catalog number		
Сараспапсе	Dimensions	(mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
1 nF	0402	0.20±0.02	±10%	C0402X5R1A102K020BC	C0402X5R0J102K020BC	C0402X5R0G102K020BC
INF	0402	0.20±0.02	±20%	C0402X5R1A102M020BC	C0402X5R0J102M020BC	C0402X5R0G102M020BC
1.5 nF	0402	0.20±0.02	±10%	C0402X5R1A152K020BC	C0402X5R0J152K020BC	C0402X5R0G152K020BC
1.5 HF	0402		±20%	C0402X5R1A152M020BC	C0402X5R0J152M020BC	C0402X5R0G152M020BC
2.2 nF	0402	0.20±0.02	±10%	C0402X5R1A222K020BC	C0402X5R0J222K020BC	C0402X5R0G222K020BC
2.2 11	0402	0.20±0.02	±20%	C0402X5R1A222M020BC	C0402X5R0J222M020BC	C0402X5R0G222M020BC
6.8 nF	0603	0.30±0.03	±10%	C0603X5R1A682K030BA		
0.0 11	0603		±20%	C0603X5R1A682M030BA		
10 nF	0603	0.30±0.03	±10%	C0603X5R1A103K030BA		
IO IIF	0603	0.30±0.03	±20%	C0603X5R1A103M030BA		
15 nF	0603	0.30±0.03	±10%	C0603X5R1A153K030BC	C0603X5R0J153K030BA	
10 11F	0003	0.30±0.03	±20%	C0603X5R1A153M030BC	C0603X5R0J153M030BA	
22 nF	0402	0.20±0.02	±20%		C0402X5R0J223M020BC	C0402X5R0G223M020BC

<sup>■</sup> Gray items: These products are not recommended for new designs.

<sup>■</sup> The red items are products which the production will be stopped.



Conneitant	Dimonois	Thickness	Capacitance	Catalog number		
Capacitance I	Hensions	(mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
	0402	0.20±0.02	±20%		C0402X5R0J473M020BC	C0402X5R0G473M020BC
47 nF	1005	0.50±0.05	±10%	C1005X5R1A473K050BA		
	1005	0.50±0.05	±20%	C1005X5R1A473M050BA		
68 nF	1005	0.50±0.05	±10%	C1005X5R1A683K050BA		
00 111	1005	0.50±0.05	±20%	C1005X5R1A683M050BA		
_	0402	0.20±0.02	±20%		C0402X5R0J104M020BC	C0402X5R0G104M020BC
	0603	0.30±0.03	±10%	C0603X5R1A104K030BC		
100 nF	0000	0.30±0.03	±20%	C0603X5R1A104M030BC		
	1005	0.50±0.05	±10%	C1005X5R1A104K050BA	C1005X5R0J104K050BA	
	1005	0.50±0.05	±20%	C1005X5R1A104M050BA		
150 nF	0603	0.30±0.03	±10%	C0603X5R1A154K030BB	C0603X5R0J154K030BB	
150 11	0603	0.30±0.03	±20%	C0603X5R1A154M030BB	C0603X5R0J154M030BB	
	0402	0.20±0.03	±20%			C0402X5R0G224M020BC
220 nF	0000	0.00.0.00	±10%	C0603X5R1A224K030BB	C0603X5R0J224K030BB	
	0603	0.30±0.03	±20%	C0603X5R1A224M030BB	C0603X5R0J224M030BB	
		0.30±0.03	±20%		C0603X5R0J334M030BC	
330 nF	0603	0.00.005	±10%	C0603X5R1A334K030BC		
		0.30±0.05	±20%	C0603X5R1A334M030BC		
			±10%		C0603X5R0J474K030BC	
470 -	0603	0.30±0.03	±20%		C0603X5R0J474M030BC	
470 nF		0.30±0.05	±20%	C0603X5R1A474M030BC		
-	1608	0.80+0.15, -0.10	±10%	C1608X5R1A474K080AA		
	400=		±10%	C1005X5R1A684K050BB	C1005X5R0J684K050BB	
	1005	0.50±0.05	±20%	C1005X5R1A684M050BB	C1005X5R0J684M050BB	
680 nF			±10%	C1608X5R1A684K080AC		
	1608	0.80+0.15, -0.10	±20%	C1608X5R1A684M080AC		
	0603	0.30±0.05	±20%		C0603X5R0J105M030BC	C0603X5R0G105M030BC
1 μF			±10%	C1608X5R1A105K080AC		
	1608	0.80+0.15, -0.10	±20%	C1608X5R1A105M080AC		
			±10%	C1005X5R1A155K050BC	C1005X5R0J155K050BB	
1.5 µF	1005	0.50±0.05	±20%	C1005X5R1A155M050BC	C1005X5R0J155M050BB	
			±10%	C1005X5R1A225K050BC	C1005X5R0J225K050BC	C1005X5R0G225K050BB
	1005	0.50±0.05	±20%	C1005X5R1A225M050BC	C1005X5R0J225M050BC	C1005X5R0G225M050BB
2.2 μF			±10%	C2012X5R1A225K085AA	C2012X5R0J225K085AA	
20	2012	0.85±0.15	±20%	C2012X5R1A225M085AA	C2012X5R0J225M085AA	
			±10%	C1005X5R1A335K050BC	C1005X5R0J335K050BC	C1005X5R0G335K050BB
	1005	0.50±0.10	±20%	C1005X5R1A335M050BC	C1005X5R0J335M050BC	C1005X5R0G335M050BB
3.3 μF			±10%	C2012X5R1A335K125AA	1.100/10/10000011100000	
	2012	1.25±0.20	±20%	C2012X5R1A335M125AA		
			±10%	C1005X5R1A475K050BC	C1005X5R0J475K050BC	C1005X5R0G475K050BB
4.7 µF	1005	0.50+0.15, -0.10	±20%	O TOURNOTTIA-FORUSOBO	C1000/011004/01000DC	C1000/011004701000DD

<sup>■</sup> Gray items: These products are not recommended for new designs.

<sup>■</sup> The red items are products which the production will be stopped.



Capacitance Dimensions		Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
		0.60±0.15	±10%	C2012X5R1A475K060AB		
4.7 µF	2012	0.00±0.13	±20%	C2012X5R1A475M060AB		
τ./ μι	2012	1.25±0.20	±10%	C2012X5R1A475K125AA		
		1.25±0.20	±20%	C2012X5R1A475M125AA		
	1608	0.80±0.10	±10%	C1608X5R1A685K080AC	C1608X5R0J685K080AB	
	1000	0.00±0.10	±20%	C1608X5R1A685M080AC	C1608X5R0J685M080AB	
6.8 µF		0.60±0.15	±10%	C2012X5R1A685K060AC		
0.0 μι	2012	0.00±0.13	±20%	C2012X5R1A685M060AC		
	2012	0.85±0.15	±10%	C2012X5R1A685K085AB	C2012X5R0J685K085AB	
		0.05±0.15	±20%	C2012X5R1A685M085AB	C2012X5R0J685M085AB	
	1608	0.80±0.10	±10%	C1608X5R1A106K080AC	C1608X5R0J106K080AB	
10 μF2012	1000	0.00±0.10	±20%	C1608X5R1A106M080AC	C1608X5R0J106M080AB	
	2012	0.85±0.15	±10%	C2012X5R1A106K085AB	C2012X5R0J106K085AB	
	2012	0.0010.10	±20%	C2012X5R1A106M085AB	C2012X5R0J106M085AB	
	1608	0.80+0.20, -0.10	±20%	C1608X5R1A156M080AC	C1608X5R0J156M080AC	C1608X5R0G156M080AA
15 µF	2012	0.85±0.15	±20%	C2012X5R1A156M085AC	C2012X5R0J156M085AB	
	2012	1.25±0.20	±20%	C2012X5R1A156M125AB	C2012X5R0J156M125AC	
	3225	2.30±0.20	±20%	C3225X5R1A156M230AA		
2012	1608	0.80+0.20, -0.10	±20%	C1608X5R1A226M080AC	C1608X5R0J226M080AC	C1608X5R0G226M080AA
		0.85±0.15	±20%	C2012X5R1A226M085AC	C2012X5R0J226M085AB	
	2012	1.25±0.20	±10%	C2012X5R1A226K125AB	C2012X5R0J226K125AB	
		1.25±0.20	±20%	C2012X5R1A226M125AB	C2012X5R0J226M125AC	
	3216	0.85±0.15	±20%		C3216X5R0J226M085AC	
		2.00±0.20	±10%		C3225X5R0J226K200AA	
	3225	2.00±0.20	±20%		C3225X5R0J226M200AA	
		2.30±0.20	±20%	C3225X5R1A226M230AA		
	4532	2.30±0.20	±20%	C4532X5R1A226M230KA		
	2012	1.25±0.20	±20%	C2012X5R1A336M125AC	C2012X5R0J336M125AC	
	3216	1.30±0.20	±20%		C3216X5R0J336M130AC	
33 µF	3210	1.60±0.20	±20%	C3216X5R1A336M160AB		
ου μι	3225	2.00±0.20	±20%	C3225X5R1A336M200AC	C3225X5R0J336M200AA	
	3223	2.50±0.30	±20%		C3225X5R0J336M250AA	
	4532	2.30±0.20	±20%	C4532X5R1A336M230KA		
	2012	1.25±0.20	±20%	C2012X5R1A476M125AC	C2012X5R0J476M125AC	C2012X5R0G476M125AB
	3216	1.60±0.20	±20%	C3216X5R1A476M160AB	C3216X5R0J476M160AC	
47 µF	3225	2.50±0.30	±20%	C3225X5R1A476M250AC	C3225X5R0J476M250AA	
	4532	2.50±0.30	±20%		C4532X5R0J476M250KA	
	4332	2.80±0.30	±20%	C4532X5R1A476M280KA		
	3216	1.60+0.30, -0.10	±20%	C3216X5R1A686M160AC	C3216X5R0J686M160AB	
68 μF -	3225	2.00±0.20	±20%		C3225X5R0J686M200AC	
	4532	2.80±0.30	±20%		C4532X5R0J686M280KA	
	5750	2.30±0.20	±20%	C5750X5R1A686M230KA		<del></del>
	3216	1.60+0.30, -0.10	±20%	C3216X5R1A107M160AC	C3216X5R0J107M160AB	C3216X5R0G107M160AB
100	3225	2.50±0.30	±20%		C3225X5R0J107M250AC	<del></del>
100 μF	4532	2.80±0.30	±20%	C4532X5R1A107M280KC	C4532X5R0J107M280KA	
-	5750	2.80±0.30	±20%	C5750X5R1A107M280KC	C5750X5R0J107M280KA	

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance I	Dimensions	Thickness	Capacitance _	Catalog number	Potod voltage Ede: 0514	Potod voltage Ede: 051/	Potod voltage February
•		(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V C0603X6S1E222K030BA	Rated voltage Edc: 16V C0603X6S1C222K030BA
2.2 nF	0603	0.30±0.03	±10% ±20%			C0603X6S1E222M030BA	C0603X6S1C222K030BA
			±10%			0000/1001.EEEE0002/1	C0603X6S1C472K030BA
4.7 nF	0603	0.30±0.03	±20%				C0603X6S1C472M030BA
			±10%	C1005X6S1H103K050BB			00000,0000
10 nF	1005	0.50±0.05	±20%	C1005X6S1H103M050BB			
			±10%	C1005X6S1H153K050BB			
15 nF	1005	0.50±0.05	±20%	C1005X6S1H153M050BB			
			±10%				C0603X6S1C223K030BC
	0603	0.30±0.03	±20%				C0603X6S1C223M030BC
22 nF			±10%	C1005X6S1H223K050BB			
	1005	0.50±0.05	±20%	C1005X6S1H223M050BB			
			±10%	C1005X6S1H333K050BB			
33 nF	1005	0.50±0.05	±20%	C1005X6S1H333M050BB			
			±10%				C0603X6S1C473K030BC
	0603	0.30±0.03	±20%				C0603X6S1C473M030BC
47 nF			±10%	C1005X6S1H473K050BB			
	1005	0.50±0.05	±20%	C1005X6S1H473M050BB			
			±10%	C1005X6S1H683K050BB	C1005X6S1V683K050BB	C1005X6S1E683K050BC	
68 nF	1005	0.50±0.05	±20%	C1005X6S1H683M050BB	C1005X6S1V683M050BB	C1005X6S1E683M050BC	
	000-	0.00 0	±10%				C0603X6S1C104K030BC
100 =	0603	0.30±0.03	±20%				C0603X6S1C104M030BC
100 nF	400-	0.50.0	±10%	C1005X6S1H104K050BB	C1005X6S1V104K050BB	C1005X6S1E104K050BB	
	1005	0.50±0.05	±20%	C1005X6S1H104M050BB	C1005X6S1V104M050BB	C1005X6S1E104M050BB	
			±10%			C1005X6S1E154K050BC	C1005X6S1C154K050BB
	1005	0.50±0.05	±20%			C1005X6S1E154M050BC	C1005X6S1C154M050BB
150 nF			±10%	C1608X6S1H154K080AB	C1608X6S1V154K080AB		
	1608	0.80±0.10	±20%	C1608X6S1H154M080AB	C1608X6S1V154M080AB		
			±10%			C1005X6S1E224K050BC	C1005X6S1C224K050BB
	1005	0.50±0.05	±20%			C1005X6S1E224M050BC	C1005X6S1C224M050BB
220 nF 1608	0.00.040	±10%	C1608X6S1H224K080AB	C1608X6S1V224K080AB			
	0.80±0.10	±20%	C1608X6S1H224M080AB	C1608X6S1V224M080AB			
	4005	0.50.005	±10%				C1005X6S1C334K050BC
	1005	0.50±0.05	±20%				C1005X6S1C334M050BC
330 nF	4000	0.00.040	±10%	C1608X6S1H334K080AB	C1608X6S1V334K080AB	C1608X6S1E334K080AB	
	1608	0.80±0.10	±20%	C1608X6S1H334M080AB	C1608X6S1V334M080AB	C1608X6S1E334M080AB	
	1005	0.50.005	±10%				C1005X6S1C474K050BC
	1005	0.50±0.05	±20%				C1005X6S1C474M050BC
470 pE	1600	0.00.0.10	±10%	C1608X6S1H474K080AB	C1608X6S1V474K080AB	C1608X6S1E474K080AB	
470 nF	1608	0.80±0.10	±20%	C1608X6S1H474M080AB	C1608X6S1V474M080AB	C1608X6S1E474M080AB	
-	2012	1.05 . 0.00	±10%	C2012X6S1H474K125AB			
	2012	1.25±0.20	±20%	C2012X6S1H474M125AB			
	1005	0.50.0.05	±10%				C1005X6S1C684K050BC
	1005	0.50±0.05	±20%				C1005X6S1C684M050BC
600 pF	1600	0.90 - 0.10	±10%	C1608X6S1H684K080AC	C1608X6S1V684K080AB	C1608X6S1E684K080AB	C1608X6S1C684K080AC
680 nF	1608	0.80±0.10	±20%	C1608X6S1H684M080AC	C1608X6S1V684M080AB	C1608X6S1E684M080AB	C1608X6S1C684M080AC
-	2012	1.25±0.20	±10%	C2012X6S1H684K125AB			
	2012	1.25±0.20	±20%	C2012X6S1H684M125AB			
	1005	0.50±0.05	±10%				C1005X6S1C105K050BC
	1005	0.50±0.05	±20%				C1005X6S1C105M050BC
-	1600	0.00.0.10	±10%	C1608X6S1H105K080AC	C1608X6S1V105K080AB	C1608X6S1E105K080AB	C1608X6S1C105K080AC
1E	1608	0.80±0.10	±20%	C1608X6S1H105M080AC	C1608X6S1V105M080AB	C1608X6S1E105M080AB	C1608X6S1C105M080AC
1 μF -		0.85±0.15	±10%	C2012X6S1H105K085AB	C2012X6S1V105K085AB	C2012X6S1E105K085AB	
	2012	v.oo±v.15	±20%	C2012X6S1H105M085AB	C2012X6S1V105M085AB	C2012X6S1E105M085AB	
	2012	1 25 . 0 20	±10%	C2012X6S1H105K125AB			<del></del>
		1.25±0.20	±20%	C2012X6S1H105M125AB			
	1005	0.50.045 0.40	±10%				C1005X6S1C155K050BC
	1005	0.50+0.15, -0.10	±20%				C1005X6S1C155M050BC
-	1600	0.00 - 0.40	±10%				C1608X6S1C155K080AC
	1608	0.80±0.10	±20%				C1608X6S1C155M080AC
4 5 . 5				COOLOVCCALILEEKAOEAR	C2012X6S1V155K125AB	C2012X6S1E155K125AB	
1.5 μF	0010	4.05.000	±10%	C2012X6S1H155K125AB	02012700111001112070		
1.5 μF	2012	1.25±0.20	±10% ±20%	C2012X6S1H155M125AB	C2012X6S1V155M125AB	C2012X6S1E155M125AB	
1.5 μF	2012 3216	1.25±0.20 1.60±0.20					

<sup>■</sup> Gray items: These products are not recommended for new designs.



0	Dimensions	Thickness	Capacitance	Catalog number			
Сараспапсе	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	1005	0.50+0.15, -0.10	±10%				C1005X6S1C225K050BC
	1000	0.30+0.13, 0.10	±20%				C1005X6S1C225M050BC
	1608	0.80±0.10	±10%				C1608X6S1C225K080AC
		0.00±0.10	±20%				C1608X6S1C225M080AC
2.2 µF		0.85±0.15	±10%	C2012X6S1H225K085AC	C2012X6S1V225K085AB	C2012X6S1E225K085AB	C2012X6S1C225K085AE
2.2 μι	2012	0.0010.10	±20%	C2012X6S1H225M085AC	C2012X6S1V225M085AB	C2012X6S1E225M085AB	C2012X6S1C225M085AE
	2012	1.25±0.20	±10%	C2012X6S1H225K125AB	C2012X6S1V225K125AB	C2012X6S1E225K125AC	
		1.23±0.20	±20%	C2012X6S1H225M125AB	C2012X6S1V225M125AB	C2012X6S1E225M125AC	
	3216	1.60±0.20	±10%	C3216X6S1H225K160AB	C3216X6S1V225K160AB		
	3210	1.00±0.20	±20%	C3216X6S1H225M160AB	C3216X6S1V225M160AB		
	1608	0.80+0.20, -0.10	±10%				C1608X6S1C335K080A0
	1000	0.60+0.20, -0.10	±20%				C1608X6S1C335M080A0
0.0	0010	1.05.0.00	±10%	C2012X6S1H335K125AC	C2012X6S1V335K125AB	C2012X6S1E335K125AC	C2012X6S1C335K125AC
3.3 µF	2012	1.25±0.20	±20%	C2012X6S1H335M125AC	C2012X6S1V335M125AB	C2012X6S1E335M125AC	C2012X6S1C335M125A0
	0010	1.00.0.00	±10%	C3216X6S1H335K160AB	C3216X6S1V335K160AB		
	3216	1.60±0.20	±20%	C3216X6S1H335M160AB	C3216X6S1V335M160AB		
	1000		±10%				C1608X6S1C475K080A0
	1608	0.80+0.20, -0.10	±20%				C1608X6S1C475M080A0
			±10%				C2012X6S1C475K085A0
22.42	2212	0.85±0.15	±20%				C2012X6S1C475M085A0
	2012		±10%	C2012X6S1H475K125AC	C2012X6S1V475K125AB	C2012X6S1E475K125AC	C2012X6S1C475K125A0
		1.25±0.20	±20%	C2012X6S1H475M125AC	C2012X6S1V475M125AB	C2012X6S1E475M125AC	C2012X6S1C475M125A
4.7 μF			±10%		C3216X6S1V475K085AC	C3216X6S1E475K085AB	
3216		0.85±0.15	±20%		C3216X6S1V475M085AC	C3216X6S1E475M085AB	
	3216		±10%	C3216X6S1H475K160AB	C3216X6S1V475K160AB	C3216X6S1E475K160AB	
		1.60±0.20	±20%	C3216X6S1H475M160AB	C3216X6S1V475M160AB	C3216X6S1E475M160AB	
			±10%	C3225X6S1H475K250AB			
	3225	2.50±0.30	±20%	C3225X6S1H475M250AB			
			±10%	002207.001117.01112007.12			C2012X6S1C685K125AC
	2012	1.25±0.20	±20%				C2012X6S1C685M125A0
	-		±10%		C3216X6S1V685K160AC	C3216X6S1E685K160AB	C3216X6S1C685K160AC
6.8 µF	3216	1.60±0.20	±20%		C3216X6S1V685M160AC	C3216X6S1E685M160AB	C3216X6S1C685M160AC
			±10%	C3225X6S1H685K250AC	C3225X6S1V685K250AC	C3225X6S1E685K250AB	00210X0010000W100A
	3225	2.50±0.30	±20%	C3225X6S1H685M250AC	C3225X6S1V685M250AC	C3225X6S1E685M250AB	
			±20%	COLLONGO II IOOSINIZSUAO	30223/00 I V 003IVI230/AO	JOLESKOO I LOOJIVILJOAD	C2012X6S1C106K085A0
		0.85±0.15	±20%				C2012X6S1C106M085A0
	2012		±20%				C2012X6S1C106K125A0
		1.25±0.20	±20%				C2012X6S1C106M125AC
			±20%				C3216X6S1C106K085A0
10 μF		0.85±0.15	±20%				
	3216				C2016V6C1V106V160AC	C2016V661E106V160AB	C3216X6S1C106M085A0
		1.60±0.20	±10%		C3216X6S1V106K160AC	C3216X6S1E106K160AB	C3216X6S1C106K160AE
			±20%	CONSEVECTIMACKOENAC	C3216X6S1V106M160AC	C3216X6S1E106M160AB	C3216X6S1C106M160Al
	3225	2.50±0.30	±10%	C3225X6S1H106K250AC	C3225X6S1V106K250AC	C3225X6S1E106K250AC	
	0010	1.05 : 0.00	±20%	C3225X6S1H106M250AC	C3225X6S1V106M250AC	C3225X6S1E106M250AC	00040700404507455
15 µF	2012	1.25±0.20	±20%				C2012X6S1C156M125A0
-	3216	1.60±0.20	±20%				C3216X6S1C156M160A0
00. =	2012	1.25±0.20	±20%				C2012X6S1C226M125AC
22 µF	3216	1.60±0.20	±20%				C3216X6S1C226M160AC
	3225	2.50±0.30	±20%				C3225X6S1C226M250AC

Capacitance	Dimensions	Thickness	Capacitance	Catalog number		
Сараспапсе	Difficusions	(mm)	Tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
100 pF	0402	0.20±0.02	±10%	C0402X6S1A101K020BC	C0402X6S0J101K020BC	C0402X6S0G101K020BC
100 pF	0402		±20%	C0402X6S1A101M020BC	C0402X6S0J101M020BC	C0402X6S0G101M020BC
150 -5	0402	0.20±0.02	±10%	C0402X6S1A151K020BC	C0402X6S0J151K020BC	C0402X6S0G151K020BC
150 pF	0402		±20%	C0402X6S1A151M020BC	C0402X6S0J151M020BC	C0402X6S0G151M020BC
220 pF	0402	0.20±0.02	±10%	C0402X6S1A221K020BC	C0402X6S0J221K020BC	C0402X6S0G221K020BC
220 pr	0402		±20%	C0402X6S1A221M020BC	C0402X6S0J221M020BC	C0402X6S0G221M020BC
330 pF	0402	0.20±0.02	±10%	C0402X6S1A331K020BC	C0402X6S0J331K020BC	C0402X6S0G331K020BC
		0.20±0.02	±20%	C0402X6S1A331M020BC	C0402X6S0J331M020BC	C0402X6S0G331M020BC

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance Dimensions		Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	s (mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
470 pF	0402	0.20±0.02	±10%	C0402X6S1A471K020BC	C0402X6S0J471K020BC	C0402X6S0G471K020BC
470 pi	0402	0.2010.02	±20%	C0402X6S1A471M020BC	C0402X6S0J471M020BC	C0402X6S0G471M020BC
680 pF	0402	0.20±0.02	±10%	C0402X6S1A681K020BC	C0402X6S0J681K020BC	C0402X6S0G681K020BC
000 pi	0402	0.20±0.02	±20%	C0402X6S1A681M020BC	C0402X6S0J681M020BC	C0402X6S0G681M020BC
2.2 nF	0603	0.30±0.03	±10%	C0603X6S1A222K030BA	C0603X6S0J222K030BA	
2.2 11	0003	0.30±0.03	±20%	C0603X6S1A222M030BA	C0603X6S0J222M030BA	
47.5	0000	0.00.000	±10%	C0603X6S1A472K030BA	C0603X6S0J472K030BA	
4.7 nF	0603	0.30±0.03	±20%	C0603X6S1A472M030BA	C0603X6S0J472M030BA	
			±10%	C0603X6S1A103K030BA	C0603X6S0J103K030BA	
10 nF	0603	0.30±0.03	±20%	C0603X6S1A103M030BA	C0603X6S0J103M030BA	
			±10%	C0603X6S1A223K030BB		
22 nF	0603	0.30±0.03	±20%	C0603X6S1A223M030BB		
			±10%	C0603X6S1A473K030BB		
47 nF	0603	0.30±0.03	±20%	C0603X6S1A473M030BB		
			±10%		C0603X6S0J104K030BC	
	0603	0.30±0.03	±20%		C0603X6S0J104M030BC	
100 nF			±10%		C1005X6S0J104K050BA	C1005X6S0G104K050BA
	1005	$0.50\pm0.05$	±10%		C1005X6S0J104M050BA	
						C1005X6S0G104M050BA
		0.30±0.03	±10%		C0603X6S0J154K030BC	C0603X6S0G154K030BB
150 nF	0603		±20%	0000000001415414000000	C0603X6S0J154M030BC	C0603X6S0G154M030BB
		0.30±0.05	±10%	C0603X6S1A154K030BC		
			±20%	C0603X6S1A154M030BC		
		0.30±0.03	±10%		C0603X6S0J224K030BC	C0603X6S0G224K030BB
220 nF 0603	0603		±20%		C0603X6S0J224M030BC	C0603X6S0G224M030BB
		0.30±0.05	±10%	C0603X6S1A224K030BC		
		0.0020.00	±20%	C0603X6S1A224M030BC		
	0603	0.30±0.05	±10%			C0603X6S0G334K030BC
330 nF 1005	0.00±0.00	±20%			C0603X6S0G334M030BC	
	1005	0.50+0.05	±10%	C1005X6S1A334K050BC	C1005X6S0J334K050BC	C1005X6S0G334K050BB
	1005	0.50±0.05	±20%	C1005X6S1A334M050BC	C1005X6S0J334M050BC	C1005X6S0G334M050BB
	0603	0.30±0.05	±20%			C0603X6S0G474M030BC
470 nF		0.50.005	±10%	C1005X6S1A474K050BC		C1005X6S0G474K050BB
	1005	0.50±0.05	±20%	C1005X6S1A474M050BC		C1005X6S0G474M050BB
			±10%	C1005X6S1A684K050BC		C1005X6S0G684K050BB
680 nF	1005	0.50±0.05	±20%	C1005X6S1A684M050BC		C1005X6S0G684M050BB
			±10%	C1005X6S1A105K050BC		
	1005	$0.50\pm0.05$	±20%	C1005X6S1A105M050BC		
1 µF			±10%	C1608X6S1A105K080AC	C1608X6S0J105K080AC	
	1608	0.80+0.15, -0.10	±20%	C1608X6S1A105M080AC	C1608X6S0J105M080AC	
				C1008X031A103W080AC		C100EV6C0C1EEK0E0DC
		0.50±0.05	±10%		C1005X6S0J155K050BC	C1005X6S0G155K050BC
	1005		±20%	C100EV6C1A1EEV0E0D0	C1005X6S0J155M050BC	C1005X6S0G155M050BC
1.5 µF		0.50±0.10	±10%	C1005X6S1A155K050BC		
•			±20%	C1005X6S1A155M050BC	0.1000\/000\=-\//	
	1608	0.80±0.10	±10%	C1608X6S1A155K080AB	C1608X6S0J155K080AB	
			±20%	C1608X6S1A155M080AB	C1608X6S0J155M080AB	
		0.50±0.05	±10%		C1005X6S0J225K050BC	C1005X6S0G225K050BC
	1005		±20%		C1005X6S0J225M050BC	C1005X6S0G225M050BC
2.2 μF 	. 300	0.50±0.10	±10%	C1005X6S1A225K050BC		
		0.00200	±20%	C1005X6S1A225M050BC		
	1608	0.80±0.10	±10%	C1608X6S1A225K080AB	C1608X6S0J225K080AB	
1608		0.00±0.10	±20%	C1608X6S1A225M080AB	C1608X6S0J225M080AB	
	1005	0.50+0.10	±10%			C1005X6S0G335K050BC
0.0	1005	0.50±0.10	±20%			C1005X6S0G335M050BC
3.3 µF	1000	0.00.040	±10%	C1608X6S1A335K080AC	C1608X6S0J335K080AB	
	1608	0.80±0.10	±20%	C1608X6S1A335M080AC	C1608X6S0J335M080AB	
	1005	0.50+0.15, -0.10	±20%			C1005X6S0G475M050BC
4.7 µF			±10%	C1608X6S1A475K080AC	C1608X6S0J475K080AB	
··· p·	1608	0.80±0.10	±20%	C1608X6S1A475M080AC	C1608X6S0J475M080AB	
				2 . 3337.133 I + / ON/OO/10	5.000,100007D	

<sup>■</sup> Gray items: These products are not recommended for new designs.



0	Capacitance Dimensions		ess Capacitance Catalog number			
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
		0.85±0.15	±10%	C2012X6S1A475K085AB		
4.7 µF	2012	0.03±0.13	±20%	C2012X6S1A475M085AB		
4.7 μι	2012	1.25±0.20	±10%		C2012X6S0J475K125AB	
		1.25±0.20	±20%		C2012X6S0J475M125AB	
		0.80±0.10	±10%			C1608X6S0G685K080AC
	1608	0.60±0.10	±20%			C1608X6S0G685M080AC
	1000	0.00.0.00 0.10	±10%	C1608X6S1A685K080AC	C1608X6S0J685K080AB	
		0.80+0.20, -0.10	±20%	C1608X6S1A685M080AC	C1608X6S0J685M080AB	
C OE		0.05.0.15	±10%	C2012X6S1A685K085AC	C2012X6S0J685K085AB	
6.8 µF	0010	0.85±0.15	±20%	C2012X6S1A685M085AC	C2012X6S0J685M085AB	
	2012	1.05.0.00	±10%	C2012X6S1A685K125AB		
		1.25±0.20	±20%	C2012X6S1A685M125AB		
	0010	0.05.045	±10%	C3216X6S1A685K085AB		
	3216	0.85±0.15	±20%	C3216X6S1A685M085AB		
		2 2 2 2 4 2	±10%			C1608X6S0G106K080AB
	1608	0.80±0.10	±20%			C1608X6S0G106M080AC
		0.80+0.20, -0.10	±20%	C1608X6S1A106M080AC	C1608X6S0J106M080AC	
	-		±10%	C2012X6S1A106K085AC	C2012X6S0J106K085AC	
		0.85±0.15	±20%	C2012X6S1A106M085AC	C2012X6S0J106M085AC	
10 μF	2012		±10%	C2012X6S1A106K125AB	C2012X6S0J106K125AB	
·		1.25±0.20	±20%	C2012X6S1A106M125AB	C2012X6S0J106M125AB	
			±10%	C3216X6S1A106K085AB		
		0.85±0.15	±20%	C3216X6S1A106M085AB		
	3216	1.60±0.20	±10%		C3216X6S0J106K160AC	
			±20%		C3216X6S0J106M160AC	
		0.85±0.15	±20%			C2012X6S0G156M085AC
15 μF	2012	1.25±0.20	±20%	C2012X6S1A156M125AC	C2012X6S0J156M125AB	
	3216	1.60±0.20	±20%	C3216X6S1A156M160AB	C3216X6S0J156M160AB	
		0.85±0.15	±20%		C2012X6S0J226M085AC	C2012X6S0G226M085AC
22 µF	2012	1.25±0.20	±20%	C2012X6S1A226M125AC	C2012X6S0J226M125AB	C2012X6S0G226M125AC
	3216	1.60±0.20	±20%	C3216X6S1A226M160AB	C3216X6S0J226M160AB	
	2012	1.25±0.20	±20%			C2012X6S0G336M125AC
33 µF	3216	1.60±0.20	±20%	C3216X6S1A336M160AC	C3216X6S0J336M160AB	
	2012	1.25±0.20	±20%			C2012X6S0G476M125AC
47 μF	3216	1.60±0.20	±20%	C3216X6S1A476M160AC	C3216X6S0J476M160AB	C3216X6S0G476M160AC
•	3225	2.50±0.30	±20%		C3225X6S0J476M250AC	
68 µF	3216	1.60+0.30, -0.10	±20%			C3216X6S0G686M160AC
	3216	1.60+0.30, -0.10	±20%			C3216X6S0G107M160AC
100 μF	3225	2.50±0.30	±20%		C3225X6S0J107M250AC	C3225X6S0G107M250AC
F.	4532	2.80±0.30	±20%		C4532X6S0J107M280KC	
					1 .102/.000010/20010	

<sup>■</sup> Gray items: These products are not recommended for new designs.

Consoitones	Capacitance Dimensions		Capacitance	Catalog number	
Capacitance	Dimensions	(mm)	Tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V
100 pF	0603	0.30±0.03	±10%		C0603X7R1E101K030BA
100 pr	0603	0.00±0.00	±20%		C0603X7R1E101M030BA
150 pF	0603	0.30±0.03	±10%		C0603X7R1E151K030BA
150 pr	0603		±20%		C0603X7R1E151M030BA
	0603	0.30±0.03	±10%		C0603X7R1E221K030BA
220 5	0003	0.30±0.03	±20%		C0603X7R1E221M030BA
220 pF	1005	0.50±0.05	±10%	C1005X7R1H221K050BA	
	1005		±20%	C1005X7R1H221M050BA	
	0603	0.30±0.03	±10%		C0603X7R1E331K030BA
330 pF	0003	0.30±0.03	±20%		C0603X7R1E331M030BA
330 pr	1005	0.50±0.05	±10%	C1005X7R1H331K050BA	
	1005	0.50±0.05	±20%	C1005X7R1H331M050BA	
	0603	0.30±0.03	±10%		C0603X7R1E471K030BA
470 pF	0003	0.30±0.03	±20%		C0603X7R1E471M030BA
470 pF	1005	0.50.0.05	±10%	C1005X7R1H471K050BA	
	1005	0.50±0.05	±20%	C1005X7R1H471M050BA	

 $<sup>\</sup>blacksquare$  Gray items: These products are not recommended for new designs.



		Thickness	Capacitance	Catalog number			
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
	0603	0.30±0.03	±10%			C0603X7R1E681K030BA	
680 pF		0.00=0.00	±20%			C0603X7R1E681M030BA	
	1005	0.50±0.05	±10%	C1005X7R1H681K050BA			
			±20%	C1005X7R1H681M050BA			
	0603	0.30±0.03	±10%			C0603X7R1E102K030BA	
1 nF	-		±20%			C0603X7R1E102M030BA	
	1005	0.50±0.05	±10%	C1005X7R1H102K050BA		C1005X7R1E102K050BA	
			±20%	C1005X7R1H102M050BA		C0000V7D4F4F0V000D4	
	0603	0.30±0.03	±10% ±20%			C0603X7R1E152K030BA C0603X7R1E152M030BA	
1.5 nF			±10%	C1005X7R1H152K050BA		COOOSATTTETSZWOSOBA	
	1005	0.50±0.05	±10%	C1005X7R1H152M050BA			
			±10%	O TOOOXYTTTITTO ENGOGERY		C0603X7R1E222K030BA	C0603X7R1C222K030BA
	0603	0.30±0.03	±20%			C0603X7R1E222M030BA	C0603X7R1C222M030BA
2.2 nF	-		±10%	C1005X7R1H222K050BA			
	1005	0.50±0.05	±20%	C1005X7R1H222M050BA			
			±10%			C0603X7R1E332K030BA	
	0603	0.30±0.03	±20%			C0603X7R1E332M030BA	
3.3 nF			±10%	C1005X7R1H332K050BA			
	1005	0.50±0.05	±20%	C1005X7R1H332M050BA			
	0000	0.00.000	±10%				C0603X7R1C472K030BA
4.7 nF	0603	0.30±0.03	±20%				C0603X7R1C472M030BA
4.7 111	1005	0.50±0.05	±10%	C1005X7R1H472K050BA			
	1005	0.50±0.05	±20%	C1005X7R1H472M050BA			
6.8 nF	1005	0.50±0.05	±10%	C1005X7R1H682K050BA			
0.0111	1005	0.50±0.05	±20%	C1005X7R1H682M050BA			
1005 10 nF 1608	1005	0.50±0.05	±10%	C1005X7R1H103K050BB	C1005X7R1V103K050BB	C1005X7R1E103K050BB	C1005X7R1C103K050BA
		0.00±0.00	±20%	C1005X7R1H103M050BB	C1005X7R1V103M050BB	C1005X7R1E103M050BB	
	1608	0.80±0.10	±10%	C1608X7R1H103K080AA		C1608X7R1E103K080AA	
			±20%	C1608X7R1H103M080AA			
	1005	0.50±0.05	±10%	C1005X7R1H153K050BB	C1005X7R1V153K050BB		
15 nF	-		±20%	C1005X7R1H153M050BB	C1005X7R1V153M050BB		
	1608	0.80±0.10	±10%	C1608X7R1H153K080AA			
			±20%	C1608X7R1H153M080AA	040057/2047/0001/05000	0400572045000705000	
	1005	0.50±0.05	±10% ±20%	C1005X7R1H223K050BB C1005X7R1H223M050BB	C1005X7R1V223K050BB C1005X7R1V223M050BB	C1005X7R1E223K050BB C1005X7R1E223M050BB	
22 nF	-		±20%	C1608X7R1H223K080AA	C1003X7H1V223W030BB	C1003X/N1E223W030BB	
	1608	0.80±0.10	±10%	C1608X7R1H223M080AA			
			±10%	C1005X7R1H333K050BB	C1005X7R1V333K050BB		
	1005	0.50±0.05	±20%	C1005X7R1H333M050BB	C1005X7R1V333M050BB		
33 nF	-		±10%	C1608X7R1H333K080AA	0.000,		
	1608	0.80±0.10	±20%	C1608X7R1H333M080AA			
			±10%	C1005X7R1H473K050BB	C1005X7R1V473K050BB	C1005X7R1E473K050BC	C1005X7R1C473K050BC
47	1005	0.50±0.05	±20%	C1005X7R1H473M050BB	C1005X7R1V473M050BB	C1005X7R1E473M050BC	C1005X7R1C473M050BC
47 nF	1000	0.00.0.10	±10%	C1608X7R1H473K080AA			
	1608	0.80±0.10	±20%	C1608X7R1H473M080AA			
	1005	0.50+0.05	±10%	C1005X7R1H683K050BB	C1005X7R1V683K050BB	C1005X7R1E683K050BB	C1005X7R1C683K050BC
68 nF	1005	0.50±0.05	±20%	C1005X7R1H683M050BB	C1005X7R1V683M050BB	C1005X7R1E683M050BB	C1005X7R1C683M050BC
00 111	1608	0.80±0.10	±10%	C1608X7R1H683K080AA			
	1000	0.00±0.10	±20%	C1608X7R1H683M080AA			
	1005	0.50±0.05	±10%	C1005X7R1H104K050BB	C1005X7R1V104K050BB	C1005X7R1E104K050BB	C1005X7R1C104K050BC
		0.00±0.00	±20%	C1005X7R1H104M050BB	C1005X7R1V104M050BB	C1005X7R1E104M050BB	C1005X7R1C104M050BC
100 nF	1608	0.80±0.10	±10%	C1608X7R1H104K080AA		C1608X7R1E104K080AA	
			±20%	C1608X7R1H104M080AA		C1608X7R1E104M080AA	
	2012	0.85±0.15	±10%	C2012X7R1H104K085AA			
			±20%	C2012X7R1H104M085AA			
	1005	0.50±0.05	±10%		C1005X7R1V154K050BC	C1005X7R1E154K050BB	C1005X7R1C154K050BC
			±20%	04000/77041	C1005X7R1V154M050BC	C1005X7R1E154M050BB	C1005X7R1C154M050BC
150 nF	1608	0.80±0.10	±10%	C1608X7R1H154K080AB	C1608X7R1V154K080AB	C1608X7R1E154K080AA	
	-		±20%	C1608X7R1H154M080AB	C1608X7R1V154M080AB	C1608X7R1E154M080AA	
	2012	0.85±0.15	±10%	C2012X7R1H154K085AA			
			±20%	C2012X7R1H154M085AA			

<sup>■</sup> Gray items: These products are not recommended for new designs.



Dimensions	Thickness	Capacitance _	Catalog number			
Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 35V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
2012	1 25±0 20	±10%	C2012X7R1H154K125AA			
2012	1.25±0.20	±20%	C2012X7R1H154M125AA			
1005	0.50+0.05	±10%		C1005X7R1V224K050BC	C1005X7R1E224K050BB	C1005X7R1C224K050BC
	0.0010.00	±20%		C1005X7R1V224M050BC	C1005X7R1E224M050BB	C1005X7R1C224M050BC
1608	0.80+0.10	±10%	C1608X7R1H224K080AB	C1608X7R1V224K080AB	C1608X7R1E224K080AC	C1608X7R1C224K080AC
	0.00_0.10	±20%	C1608X7R1H224M080AB	C1608X7R1V224M080AB	C1608X7R1E224M080AC	C1608X7R1C224M080AC
2012	1 25+0 20	±10%	C2012X7R1H224K125AA			
	1.2020.20	±20%	C2012X7R1H224M125AA			
3216	1 15+0 15	±10%	C3216X7R1H224K115AA			
02.0	0_00	±20%	C3216X7R1H224M115AA			
1608	0.80+0.10	±10%	C1608X7R1H334K080AC	C1608X7R1V334K080AB	C1608X7R1E334K080AC	C1608X7R1C334K080AC
	0.00_0.10	±20%	C1608X7R1H334M080AC	C1608X7R1V334M080AB	C1608X7R1E334M080AC	C1608X7R1C334M080AC
2012	1 25+0 20	±10%	C2012X7R1H334K125AA			
		±20%	C2012X7R1H334M125AA			
3216	1 60+0 20	±10%	C3216X7R1H334K160AA			
02.0	1.0020.20	±20%	C3216X7R1H334M160AA			
1608	0.80+0.10	±10%	C1608X7R1H474K080AC	C1608X7R1V474K080AB	C1608X7R1E474K080AB	C1608X7R1C474K080AC
1000	0.00±0.10	±20%	C1608X7R1H474M080AC	C1608X7R1V474M080AB	C1608X7R1E474M080AB	C1608X7R1C474M080A0
2012	1 25+0 20	±10%	C2012X7R1H474K125AB	C2012X7R1V474K125AB	C2012X7R1E474K125AA	
2012	1.2510.20	±20%	C2012X7R1H474M125AB	C2012X7R1V474M125AB	C2012X7R1E474M125AA	
3216	1 60+0 20	±10%	C3216X7R1H474K160AA			
3210	1.00±0.20	±20%	C3216X7R1H474M160AA			
1608	0.80+0.10	±10%		C1608X7R1V684K080AC	C1608X7R1E684K080AB	C1608X7R1C684K080AC
	0.00±0.10	±20%		C1608X7R1V684M080AC	C1608X7R1E684M080AB	C1608X7R1C684M080AC
680 nF 2012	1 25+0 20	±10%	C2012X7R1H684K125AB	C2012X7R1V684K125AB	C2012X7R1E684K125AB	C2012X7R1C684K125AA
2012	1.2010.20	±20%	C2012X7R1H684M125AB	C2012X7R1V684M125AB	C2012X7R1E684M125AB	C2012X7R1C684M125AA
3216	1 60+0 20	±10%	C3216X7R1H684K160AA			
0210	1.00±0.20	±20%	C3216X7R1H684M160AA			
1608	0.80+0.10	±10%		C1608X7R1V105K080AC	C1608X7R1E105K080AB	C1608X7R1C105K080AC
	0.00±0.10	±20%		C1608X7R1V105M080AC	C1608X7R1E105M080AB	C1608X7R1C105M080AC
	0.85±0.15	±10%	C2012X7R1H105K085AC	C2012X7R1V105K085AB	C2012X7R1E105K085AB	C2012X7R1C105K085AC
2012 —	0.00±0.10	±20%	C2012X7R1H105M085AC	C2012X7R1V105M085AB	C2012X7R1E105M085AB	C2012X7R1C105M085A0
2012	1 25±0 20	±10%	C2012X7R1H105K125AB	C2012X7R1V105K125AB	C2012X7R1E105K125AB	C2012X7R1C105K125AA
-	1.25±0.20	±20%	C2012X7R1H105M125AB	C2012X7R1V105M125AB	C2012X7R1E105M125AB	C2012X7R1C105M125A
	0.85+0.15	±10%			C3216X7R1E105K085AA	
3216 —	0.0010.10	±20%			C3216X7R1E105M085AA	
0210	1 60+0 20	±10%	C3216X7R1H105K160AB		C3216X7R1E105K160AA	
-	1.00±0.20	±20%	C3216X7R1H105M160AB		C3216X7R1E105M160AA	
3225	1 60+0 20	±10%	C3225X7R1H105K160AA			
0225	1.00±0.20	±20%	C3225X7R1H105M160AA			
4520	1 60 . 0 20	±10%	C4532X7R1H105K160KA			
4332	1.00±0.20	±20%	C4532X7R1H105M160KA			
2012	1 25±0 20	±10%	C2012X7R1H155K125AC	C2012X7R1V155K125AB	C2012X7R1E155K125AC	C2012X7R1C155K125AE
2012	1.25±0.20	±20%	C2012X7R1H155M125AC	C2012X7R1V155M125AB	C2012X7R1E155M125AC	C2012X7R1C155M125AE
2216	1 60 . 0 20	±10%	C3216X7R1H155K160AB	C3216X7R1V155K160AB	C3216X7R1E155K160AA	
3210	1.60±0.20	±20%	C3216X7R1H155M160AB	C3216X7R1V155M160AB	C3216X7R1E155M160AA	
2005	2.00.0.20	±10%	C3225X7R1H155K200AA			
3223	2.00±0.20	±20%	C3225X7R1H155M200AA			
	0.05.0.15	±10%		C2012X7R1V225K085AC	C2012X7R1E225K085AB	C2012X7R1C225K085AE
2012	0.65±0.15	±20%		C2012X7R1V225M085AC	C2012X7R1E225M085AB	C2012X7R1C225M085AE
2012 —	1.05 / 0.00	±10%	C2012X7R1H225K125AC	C2012X7R1V225K125AB	C2012X7R1E225K125AB	C2012X7R1C225K125AE
	1.25±0.20	±20%	C2012X7R1H225M125AC	C2012X7R1V225M125AB	C2012X7R1E225M125AB	C2012X7R1C225M125AE
0010	1.00.0.00	±10%	C3216X7R1H225K160AB	C3216X7R1V225K160AB	C3216X7R1E225K160AA	
3216	1.60±0.20	±20%	C3216X7R1H225M160AB	C3216X7R1V225M160AB	C3216X7R1E225M160AA	
	0.00.000	±10%	C3225X7R1H225K200AB			
3225	2.00±0.20	±20%	C3225X7R1H225M200AB			
3225	2.50±0.20	±20% ±10%	C3225X7R1H225M200AB C3225X7R1H225K250AB			
3225 <u> </u>						
	Dimensions  2012  1005  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  1608  2012  3216  3225  4532  2012  3216  3216  3225	Dimensions	Dimensions	Dimensions	Dimensions	Dimensions

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance	Dimensions	Thickness (mm)	Capacitance tolerance	Catalog number Rated voltage Edc: 75V	Rated voltage Edg. 50V	Rated voltage Edg. 35V	Rated voltage Edg. 251/	Rated voltage Edg. 16V
		(11111)	±10%	hated voltage Euc. 75v	hateu voltage Euc. 50v	C2012X7R1V335K125AC	C2012X7R1E335K125AB	C2012X7R1C335K125AB
	2012	1.25±0.20	±20%			C2012X7R1V335M125AC	C2012X7R1E335M125AB	C2012X7R1C335M125AB
			±10%		C3216X7R1H335K160AC	C3216X7R1V335K160AB	C3216X7R1E335K160AC	OLO ILATTITO COCINTLO ALD
	3216	1.60±0.20	±20%		C3216X7R1H335M160AC	C3216X7R1V335M160AB	C3216X7R1E335M160AC	
			±10%				C3225X7R1E335K160AA	
3.3 µF		1.60±0.20	±20%				C3225X7R1E335M160AA	
	3225		±10%		C3225X7R1H335K250AB			
		2.50±0.30	±20%		C3225X7R1H335M250AB			
	4500	0.00.000	±10%		C4532X7R1H335K200KA			
	4532	2.00±0.20	±20%		C4532X7R1H335M200KA			
	2012	1.25±0.20	±10%		C2012X7R1H475K125AC	C2012X7R1V475K125AC	C2012X7R1E475K125AB	C2012X7R1C475K125AB
	2012	1.25±0.20	±20%			C2012X7R1V475M125AC	C2012X7R1E475M125AB	C2012X7R1C475M125AB
		0.85±0.15	±10%			C3216X7R1V475K085AC	C3216X7R1E475K085AB	C3216X7R1C475K085AB
	3216 -	0.00±0.10	±20%			C3216X7R1V475M085AC	C3216X7R1E475M085AB	C3216X7R1C475M085AB
	0210	1.60±0.20	±10%		C3216X7R1H475K160AC	C3216X7R1V475K160AB	C3216X7R1E475K160AC	C3216X7R1C475K160AB
		1.00±0.20	±20%		C3216X7R1H475M160AC	C3216X7R1V475M160AB	C3216X7R1E475M160AC	C3216X7R1C475M160AB
		2.00±0.20	±10%				C3225X7R1E475K200AA	
4.7 µF	3225 -	2.0020.20	±20%				C3225X7R1E475M200AA	
		2.50±0.30	±10%		C3225X7R1H475K250AB			
			±20%		C3225X7R1H475M250AB			
	4532	2.00±0.20	±10%		C4532X7R1H475K200KB			
			±20%		C4532X7R1H475M200KB		C4532X7R1E475M200KA	
	5750	2.00±0.20	±10%		C5750X7R1H475K200KA			
	5750		±20%		C5750X7R1H475M200KA			
		2.80±0.30	±20%		C5750X7R1H475M280KA	00040725470051740040	00040V7D4E005V400AD	00040V7D4000FI/40040
;	3216	1.60±0.20	±10%			C3216X7R1V685K160AC	C3216X7R1E685K160AB	C3216X7R1C685K160AC
			±20%			C3216X7R1V685M160AC	C3216X7R1E685M160AB	C3216X7R1C685M160AC
	3225	2.50±0.30	±10% ±20%				C3225X7R1E685K250AB	
6.8 μF -			±20%		C4532X7R1H685K250KB		C3225X7R1E685M250AB	
	4532	2.50±0.30	±20%		C4532X7R1H685M250KB			
			±10%		C5750X7R1H685K250KA			
	5750	2.50±0.30	±20%		C5750X7R1H685M250KA			
			±10%		C3216X7R1H106K160AC	C3216X7R1V106K160AC	C3216X7R1E106K160AB	C3216X7R1C106K160AC
	3216 1.60±0.20	±20%			C3216X7R1V106M160AC	C3216X7R1E106M160AB	C3216X7R1C106M160AC	
			±10%					C3225X7R1C106K200AB
		2.00±0.20	±20%					C3225X7R1C106M200AB
	3225 -		±10%				C3225X7R1E106K250AC	
		2.50±0.30	±20%	C3225X7R1N106M250AC	C3225X7R1H106M250AC		C3225X7R1E106M250AC	
10 μF		0.00.000	±10%					C4532X7R1C106K230KA
	4500	2.30±0.20	±20%					C4532X7R1C106M230KA
	4532 -	2.50±0.30	±10%				C4532X7R1E106K250KA	
		2.50±0.50	±20%				C4532X7R1E106M250KA	
	_	2.00±0.20	±20%				C5750X7R1E106M200KA	
	5750	2.30±0.20	±10%		C5750X7R1H106K230KB			
		2.00±0.20	±20%		C5750X7R1H106M230KB			
	3225	2.50±0.30	±20%					C3225X7R1C156M250AB
15 μF	4532 -	2.50±0.30	±20%				C4532X7R1E156M250KC	
		2.80±0.30	±20%				C4532X7R1E156M280KB	
	5750	2.30±0.20	±20%				C5750X7R1E156M230KA	
	3225	2.50±0.30	±10%					C3225X7R1C226K250AC
			±20%				C3225X7R1E226M250AB	C3225X7R1C226M250AC
00 =	4500	2.00±0.20	±20%					C4532X7R1C226M200KC
22 µF	4532	2.30±0.20	±20%				0.4500\/304555555	C4532X7R1C226M230KB
		2.50±0.30	±20%				C4532X7R1E226M250KC	
	5750	2.50±0.30	±20%				C5750X7R1E226M250KA	OF7E0V7D4 00001 1000111
		2.80±0.30	±20%					C5750X7R1C226M280KA
33 µF	4532	2.50±0.30	±20%					C4532X7R1C336M250KC
47	5750 5750	2.00±0.20	±20%					C5750X7R1C336M200KB C5750X7R1C476M230KB
47 μF	5750	2.30±0.20	±20%					03/30A/11/04/0W230KB

 $<sup>\</sup>blacksquare$  Gray items: These products are not recommended for new designs.



Capacitance	Dimonoiono	Thickness	Capacitance _	Catalog number		
Сараспапсе	Dimensions	mm)	tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
100 pF	0402	0.20±0.02	±10%	C0402X7R1A101K020BC	C0402X7R0J101K020BC	C0402X7R0G101K020BC
100 рі	0402	0.20±0.02	±20%	C0402X7R1A101M020BC	C0402X7R0J101M020BC	C0402X7R0G101M020BC
150 pF	0402	0.20±0.02	±10%	C0402X7R1A151K020BC	C0402X7R0J151K020BC	C0402X7R0G151K020BC
150 рі	0402	0.20±0.02	±20%	C0402X7R1A151M020BC	C0402X7R0J151M020BC	C0402X7R0G151M020BC
220 pF	0402	0.20±0.02	±10%	C0402X7R1A221K020BC	C0402X7R0J221K020BC	C0402X7R0G221K020BC
220 pi	0402	0.20±0.02	±20%	C0402X7R1A221M020BC	C0402X7R0J221M020BC	C0402X7R0G221M020BC
330 pF	0402	0.20±0.02	±10%	C0402X7R1A331K020BC	C0402X7R0J331K020BC	C0402X7R0G331K020BC
	0402	0.20±0.02	±20%	C0402X7R1A331M020BC	C0402X7R0J331M020BC	C0402X7R0G331M020BC
470 pF	0402	0.20±0.02	±10%	C0402X7R1A471K020BC	C0402X7R0J471K020BC	C0402X7R0G471K020BC
	0402	0.20±0.02	±20%	C0402X7R1A471M020BC	C0402X7R0J471M020BC	C0402X7R0G471M020BC
680 pF	0402	0.20±0.02	±10%	C0402X7R1A681K020BC	C0402X7R0J681K020BC	C0402X7R0G681K020BC
000 pi	0402	0.20±0.02	±20%	C0402X7R1A681M020BC	C0402X7R0J681M020BC	C0402X7R0G681M020BC
1 nF	0402	0.20±0.02	±10%	C0402X7R1A102K020BC		
11111	0402	0.20±0.02	±20%	C0402X7R1A102M020BC		
1.5 nF	0402	0.00.0.00	±10%	C0402X7R1A152K020BC		
1.5 11	0402	0.20±0.02	±20%	C0402X7R1A152M020BC		
0.0 - 5	0000	0.00.000	±10%	C0603X7R1A222K030BA	C0603X7R0J222K030BA	
2.2 nF	0603	0.30±0.03	±20%	C0603X7R1A222M030BA	C0603X7R0J222M030BA	
47.5	0000	0.00.000	±10%	C0603X7R1A472K030BA	C0603X7R0J472K030BA	
4.7 nF	0603	0.30±0.03	±20%	C0603X7R1A472M030BA	C0603X7R0J472M030BA	
10 . 5	0000	0.00.000	±10%	C0603X7R1A103K030BA	C0603X7R0J103K030BA	
10 nF	0603	0.30±0.03	±20%	C0603X7R1A103M030BA	C0603X7R0J103M030BC	
100 nF	1005	0.50±0.05	±10%	C1005X7R1A104K050BB		
450 · F	4005	0.50.005	±10%	C1005X7R1A154K050BB		
150 nF	1005	0.50±0.05	±20%	C1005X7R1A154M050BB		
000 5	400=	0.50±0.05	±10%	C1005X7R1A224K050BB		
220 nF	1005	0.50±0.05	±20%	C1005X7R1A224M050BB		
C00 F	1608	0.00.045 0.40	±10%	C1608X7R1A684K080AC		
680 nF	1000	0.80+0.15, -0.10	±20%	C1608X7R1A684M080AC		
1 μF	1608	0.80+0.15, -0.10	±10%	C1608X7R1A105K080AC		
ıμr	1006	0.60+0.15, -0.10	±20%	C1608X7R1A105M080AC		
1.5 µF	1608	0.80±0.10	±10%	C1608X7R1A155K080AC	C1608X7R0J155K080AB	
1.5 μι	1000	0.00±0.10	±20%	C1608X7R1A155M080AC	C1608X7R0J155M080AB	
2.2 µF	1608	0.80±0.10	±10%	C1608X7R1A225K080AC	C1608X7R0J225K080AB	
Ζ.Ζ μι	1000	0.00±0.10	±20%	C1608X7R1A225M080AC	C1608X7R0J225M080AB	
3.3 µF	2012	1.25±0.20	±10%	C2012X7R1A335K125AC		
υ.υ μι	2012	1.23±0.20	±20%	C2012X7R1A335M125AC		
		0.85±0.15	±10%	C2012X7R1A475K085AC	C2012X7R0J475K085AB	
4.7 μF	2012	0.0010.10	±20%	C2012X7R1A475M085AC	C2012X7R0J475M085AB	
p.		1.25±0.20	±10%	C2012X7R1A475K125AC		
		1.2020.20	±20%	C2012X7R1A475M125AC		
6.8 μF	2012	1.25±0.20	±10%	C2012X7R1A685K125AC	C2012X7R0J685K125AB	
о.о р.		2020.20	±20%	C2012X7R1A685M125AC	C2012X7R0J685M125AB	
	2012	1.25±0.20	±10%	C2012X7R1A106K125AC	C2012X7R0J106K125AB	
			±20%	C2012X7R1A106M125AC	C2012X7R0J106M125AB	
10 μF		0.85±0.15	±10%	C3216X7R1A106K085AC	C3216X7R0J106K085AB	
٠٠ ٣٠	3216		±20%	C3216X7R1A106M085AC	C3216X7R0J106M085AB	
	32.10	1.60±0.20	±10%	C3216X7R1A106K160AC		
			±20%	C3216X7R1A106M160AC		
22 µF	3225	2.30±0.20	±10%	C3225X7R1A226K230AC		
p.	00	∠.50±0.20	±20%	C3225X7R1A226M230AC		

<sup>■</sup> Gray items: These products are not recommended for new designs.



0:	Dimensions	Thickness	Capacitance	Catalog number		
Capacitance	Dimensions	(mm)	tolerance	Rated voltage Edc: 50V	Rated voltage Edc: 25V	Rated voltage Edc: 16V
330 nF	1005	0.50±0.05	±10%			C1005X7S1C334K050BC
330 11F	1005		±20%			C1005X7S1C334M050BC
470 nF	1005	0.50±0.05	±10%			C1005X7S1C474K050BC
470 HF 1005	0.50±0.05	±20%			C1005X7S1C474M050BC	
1.5 µF	1608	0.80±0.10	±10%			C1608X7S1C155K080AC
1.5 μΓ	1000	0.60±0.10	±20%			C1608X7S1C155M080AC
0.0	1608	0.80±0.10	±10%			C1608X7S1C225K080AC
2.2 µF	1000	0.60±0.10	±20%			C1608X7S1C225M080AC
	2012	1.25±0.20	±10%			C2012X7S1C685K125AC
۰.۰.	2012		±20%			C2012X7S1C685M125AC
6.8 µF	0005	2.50+0.30	±10%	C3225X7S1H685K250AB		
	3225	2.50±0.30	±20%	C3225X7S1H685M250AB		
•	0010	1.05.0.00	±10%		C2012X7S1E106K125AC	C2012X7S1C106K125AC
10	2012	1.25±0.20	±20%			C2012X7S1C106M125AC
10 μF	3225	2.50.0.20	±10%	C3225X7S1H106K250AB		
		2.50±0.30	±20%	C3225X7S1H106M250AB		

<sup>■</sup> Gray items: These products are not recommended for new designs.



Capacitance Dimensions		Thickness (mm)	Capacitance	Catalog number		
			tolerance	Rated voltage Edc: 10V	Rated voltage Edc: 6.3V	Rated voltage Edc: 4V
22 nF	0603	0.30±0.03	±10%	C0603X7S1A223K030BC	C0603X7S0J223K030BB	
22 111			±20%	C0603X7S1A223M030BC	C0603X7S0J223M030BB	
47 nF	0603	0.30±0.03	±10%	C0603X7S1A473K030BC	C0603X7S0J473K030BB	
	0003		±20%	C0603X7S1A473M030BC	C0603X7S0J473M030BB	
100 nF	0603	0.30±0.03	±10%	C0603X7S1A104K030BC		C0603X7S0G104K030BC
			±20%	C0603X7S1A104M030BC		C0603X7S0G104M030BC
150 nF	0603	0.30±0.05	±10%		C0603X7S0J154K030BC	
			±20%		C0603X7S0J154M030BC	
220 nF	0603	0.30±0.03	±10%			C0603X7S0G224K030BC
			±20%			C0603X7S0G224M030BC
		0.30±0.05	±10%		C0603X7S0J224K030BC	
			±20%		C0603X7S0J224M030BC	
330 nF	1005	0.50±0.05	±10%	C1005X7S1A334K050BC	C1005X7S0J334K050BC	
			±20%	C1005X7S1A334M050BC	C1005X7S0J334M050BC	
470 nF	1005	0.50±0.05	±10%	C1005X7S1A474K050BC	C1005X7S0J474K050BB	
			±20%	C1005X7S1A474M050BC	C1005X7S0J474M050BB	
680 nF	1005	0.50±0.05	±10%	C1005X7S1A684K050BC	C1005X7S0J684K050BC	C1005X7S0G684K050BC
			±20%	C1005X7S1A684M050BC	C1005X7S0J684M050BC	C1005X7S0G684M050BC
			±20%	C1005X7S1A004W050BC	C1005X7S0J105K050BC	C1005X7S0G004M050BC
1 µF	1005	0.50±0.05	±20%	C1005X7S1A105M050BC	C1005X7S0J105M050BC	C1005X7S0G105M050BC
			±20%	C1003X731X103W030BC	C1005A7303105W050BC	C1005X7S0G105W050BC
1.5 μF	1005	$0.50\pm0.05$	±10%			
		0.50±0.10			C100EV7C0 HEEK0E0BC	C1005X7S0G155M050BC
			±10%		C1005X7S0J155K050BC	
			±20%	0400573044455705050	C1005X7S0J155M050BC	
		0.50+0.15, -0.10	±10%	C1005X7S1A155K050BC		
			±20%	C1005X7S1A155M050BC		
2.2 μF	1005	0.50±0.05 	±10%			C1005X7S0G225K050BC
			±20%			C1005X7S0G225M050BC
			±10%		C1005X7S0J225K050BC	
			±20%		C1005X7S0J225M050BC	
		0.50+0.15, -0.10	±10%	C1005X7S1A225K050BC		
			±20%	C1005X7S1A225M050BC		
	1608	0.80±0.10	±10%	C1608X7S1A225K080AC	C1608X7S0J225K080AB	
			±20%	C1608X7S1A225M080AC	C1608X7S0J225M080AB	
3.3 µF	1608	0.80±0.10	±10%		C1608X7S0J335K080AC	C1608X7S0G335K080AC
			±20%		C1608X7S0J335M080AC	C1608X7S0G335M080AC
		0.80+0.20, -0.10	±10%	C1608X7S1A335K080AC		
			±20%	C1608X7S1A335M080AC		
4.7 μF	1608	0.80±0.10	±10%		C1608X7S0J475K080AC	C1608X7S0G475K080AC
			±20%		C1608X7S0J475M080AC	C1608X7S0G475M080AC
		0.80+0.20, -0.10	±10%	C1608X7S1A475K080AC		
			±20%	C1608X7S1A475M080AC		
C 0 - E	1000	0.00.000 0.10	±10%		C1608X7S0J685K080AC	C1608X7S0G685K080AB
6.8 µF	1608	0.80+0.20, -0.10	±20%		C1608X7S0J685M080AC	C1608X7S0G685M080AB
10 μF	1608	0.80+0.20, -0.10	±20%		C1608X7S0J106M080AC	C1608X7S0G106M080AB
	2012	0.85±0.15	±10%		C2012X7S0J106K085AC	C2012X7S0G106K085AC
			±20%		C2012X7S0J106M085AC	C2012X7S0G106M085AC
15 μF	2012	1.25±0.20	±20%	C2012X7S1A156M125AC	C2012X7S0J156M125AC	C2012X7S0G156M125AC
	3216	1.60±0.20	±20%	C3216X7S1A156M160AC	C3216X7S0J156M160AB	
22 µF	2012	1.25±0.20	±20%	C2012X7S1A226M125AC	C2012X7S0J226M125AC	C2012X7S0G226M125AC
	3216	1.60±0.20	±20%	C3216X7S1A226M160AC	C3216X7S0J226M160AB	
33 μF	3216	1.60±0.20	±20%	SSE TONTO THE EDINITIONO	C3216X7S0J336M160AC	C3216X7S0G336M160AB
ου μΓ	3216	1.60±0.20	±20% ±20%		C3216X7S0J476M160AC	C3216X7S0G336W160AB
47 μF	3216		±20% ±20%	C000EV7C1A47CM0E0A0	C3216X7S0J476M160AC C3225X7S0J476M250AC	032 10X/3004/0W1100AB
	3223	2.50±0.30	±20%	C3225X7S1A476M250AC	U3223X/3UJ4/0IVI23UAU	

<sup>■</sup> Gray items: These products are not recommended for new designs.

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#### TDK:

C2012X7R1H473K C3216C0G1H333J C2012C0G1H272J C3216C0G1H472J C2012X5R0J226M C2012X7R1C105K C2012C0G1H222J C1608X5R0J475M C2012C0G1H332J C3216X5R0J226M C2012X5R0J106M C4532X7R1C226M C3225X7R1H225K C4532X7R1E475M C3216X7R1C475K C3216X7R1C475M C2012X5R0J475K C4532X5R1C226M C4532X5R1E156M C3225X7R1E685M C2012C0G1C103J C2012X5R0J106K C1608X5R1A225K C1608X5R1A475K C1608X5R1C225K C1608X5R1C225M C3216X5R1C225M C3216X5R1E335M C2012X5R1A106M C3216C0G1H153J C2012C0G1H562J C2012X7R1E104M C2012X7R1C334M C2012X5R1C106M C3216X5R1E335K C2012X5R1C225M C2012X5R1C475K C2012X5R1C475M C2012X6S1A106M C3225X5R0J226MT/2.00 C3216X7R1E474KT/0.85 C3216X7R1E474MT/0.85 C3216X7R1E684MT/0.85 C3216X5R1A335MT/1.15 C1005X5R1H103K050BB C2012X5R1H104M085AA C2012X5R1H105K085AB C0402X5R0J104M020BC C1005CH2A121J050BA C2012C0G2E103J125AA C1608CH2E152K080AA C1608C0G2E222K080AA C1608C0G2A182K080AA C2012CH2E332K085AA C2012C0G2W152J085AA C0402X5R1A103M020BC C2012C0G2W332J125AA C0402X7R1A102M020BC C2012C0G2W681K060AA C1005CH2A221K050BA C2012C0G2E392J125AA C2012CH2A682K125AA C1005CH2A181K050BA C2012C0G2E332K085AA C2012C0G2W821J060AA C2012C0G2E562K125AA C1608C0G2A332K080AA C2012CH2A103J125AA C2012CH2W391J060AA C2012CH2E562J125AA C1608C0G2E122K080AA C1608CH2E222K080AA C2012C0G2W122J060AA C1005C0G2A471K050BA C2012C0G2W222J085AA C2012CH2E392J125AA C2012C0G2W102K060AA C1005CH2A221J050BA C1005CH2A271J050BA C2012CH2W561K060AA C2012C0G2E682J125AA C2012CH2W181K060AA C2012C0G2A822K125AA C2012CH2W121K060AA C0402X5R1A682M020BC C1608CH2A332J080AA C2012C0G2W331J060AA C1608CH2E122K080AA C1005C0G2A331J050BA C2012C0G2W472J125AA C1005C0G2A151J050BA C2012C0G2W271K060AA C1005C0G2A121K050BA C2012C0G2W562J125AA C1608CH2A152K080AA C2012C0G2W121J060AA C0402X7R1A102K020BC C2012CH2W272J125AA C1005C0G2A151K050BA C2012C0G2A103K125AA