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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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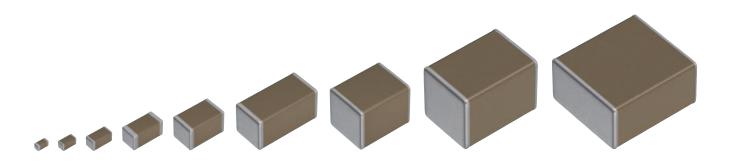
MULTILAYER CERAMIC CHIP CAPACITORS

Commercial Grade, General (Up to 50V)

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]

^{*} 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
- (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

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



C series

General (Up to 50V)









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.

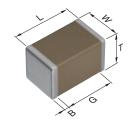
FEATURES

- 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

Dimensions in mm L W T B G

rype	_	VV	•	Ь	G
C0402	0.40±0.02	0.20±0.02	0.20±0.02	0.07 min.	0.14 min.
C0603	0.60±0.03	0.30±0.03	0.30±0.03	0.10 min.	0.20 min.
C1005	1.00±0.05	0.50±0.05	0.50±0.05	0.10 min.	0.30 min.
C1608	1.60±0.10	0.80±0.10	0.80±0.10	0.20 min.	0.30 min.
C2012	2.00±0.20	1.25±0.20	1.25±0.20	0.20 min.	0.50 min.
C3216	3.20±0.20	1.60±0.20	1.60±0.20	0.20 min.	1.00 min.
C3225	3.20±0.40	2.50±0.30	2.50±0.30	0.20 min.	_
C4532	4.50±0.40	3.20±0.40	3.20±0.40	0.20 min.	_
C5750	5.70±0.40	5.00±0.40	2.80±0.30	0.20 min.	_

^{*} Dimensional tolerances are typical values.



■ CATALOG NUMBER CONSTRUCTION

C	3216	X5R	1 A	107	M	160	Α	C	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	

(1) Series name

(2) Dimensions L x W (mm)

EIA	Length	Width	Terminal width
CC01005	0.40	0.20	0.07
CC0201	0.60	0.30	0.10
CC0402	1.00	0.50	0.10
CC0603	1.60	0.80	0.20
CC0805	2.00	1.25	0.20
CC1206	3.20	1.60	0.20
CC1210	3.20	2.50	0.20
CC1812	4.50	3.20	0.20
CC2220	5.70	5.00	0.20
	CC01005 CC0201 CC0402 CC0603 CC0805 CC1206 CC1210	CC01005 0.40 CC0201 0.60 CC0402 1.00 CC0603 1.60 CC0805 2.00 CC1206 3.20 CC1210 3.20 CC1812 4.50	CC01005 0.40 0.20 CC0201 0.60 0.30 CC0402 1.00 0.50 CC0603 1.60 0.80 CC0805 2.00 1.25 CC1206 3.20 1.60 CC1210 3.20 2.50 CC1812 4.50 3.20

(3) Temperature characteristics

Temperature characteristics	Temperature coefficient or capacitance change	Temperature range
CH	0±60 ppm/°C	-25 to +85°C
COG	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℃
X7S	±22%	-55 to +125℃

(4) Rated voltage (DC)

Code	Voltage (DC)
0G	4V
0J	6.3V
1A	10V
1C	16V
1E	25V
1V	35V
1H	50V

(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%
M	±20%

(7) Nominal 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

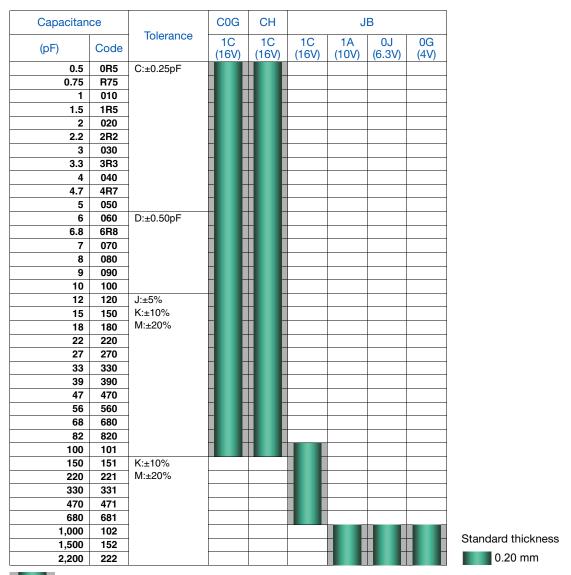
Code	Style	
A	178mm reel, 4mm pitch	
В	178mm reel, 2mm pitch	
K	178mm reel, 8mm pitch	

(9) Special reserved code

Code	Description	
A. B. C	TDK internal code	



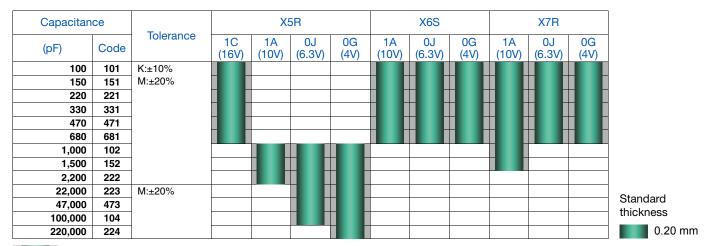
C0402 [01005 inch]



[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



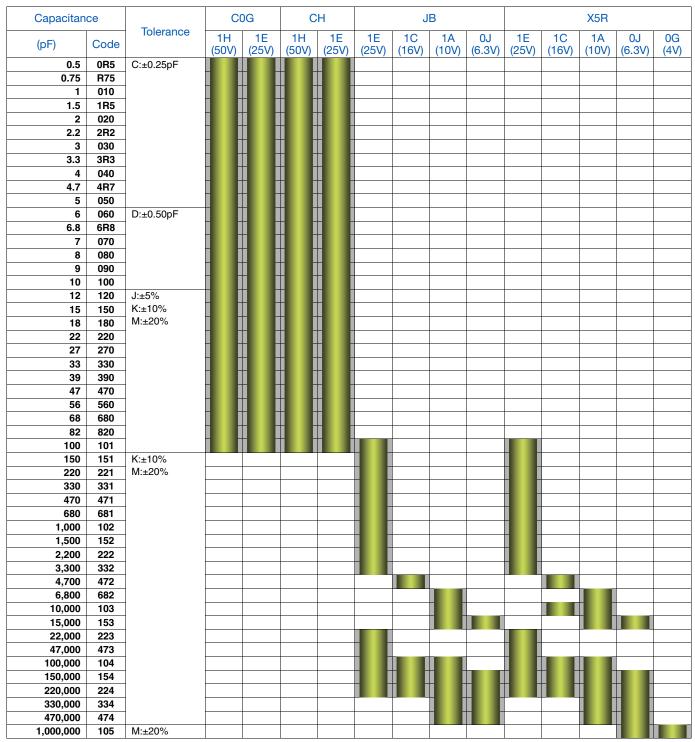
C0402 [01005 inch]



[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C0603 [0201 inch]



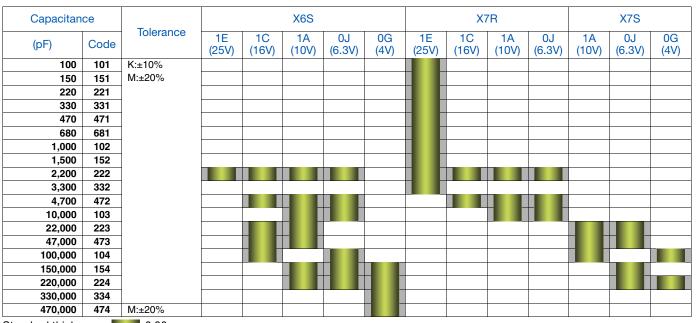
Standard thickness 0.30 mm

Background gray: The product which is not recommended to a new design.

[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C0603 [0201 inch]



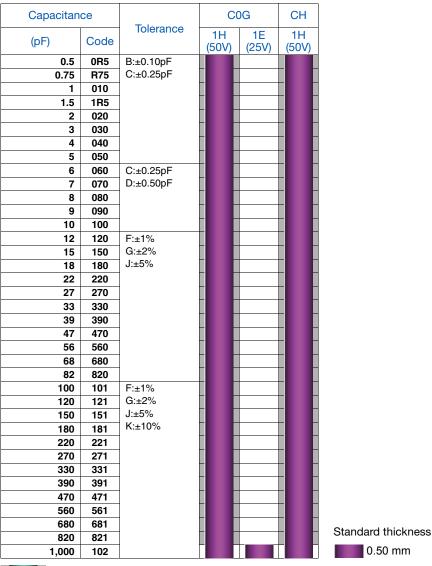
Standard thickness 0.30 mm

Background gray: The product which is not recommended to a new design.

[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C1005 [0402 inch]

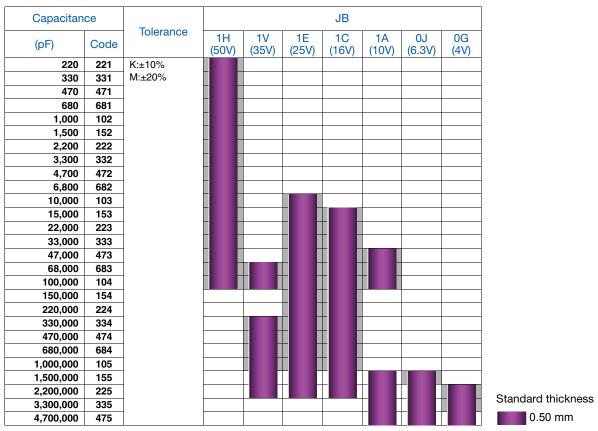


Background gray: The product which is not recommended to a new design.

■ Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C1005 [0402 inch]



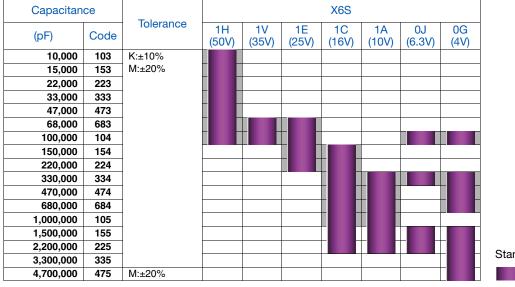
[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C1005 [0402 inch]

Capacitan	Capacitance		X5R							
(pF)	Code	Tolerance	1H (50V)	1V (35V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0G (4V)	
220	221	K:±10%								
330	331	M:±20%								
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



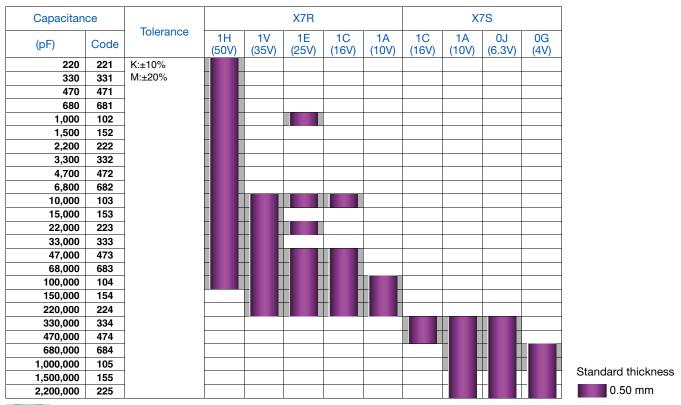
Standard thickness 0.50 mm

Background gray: The product which is not recommended to a new design.

■ Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



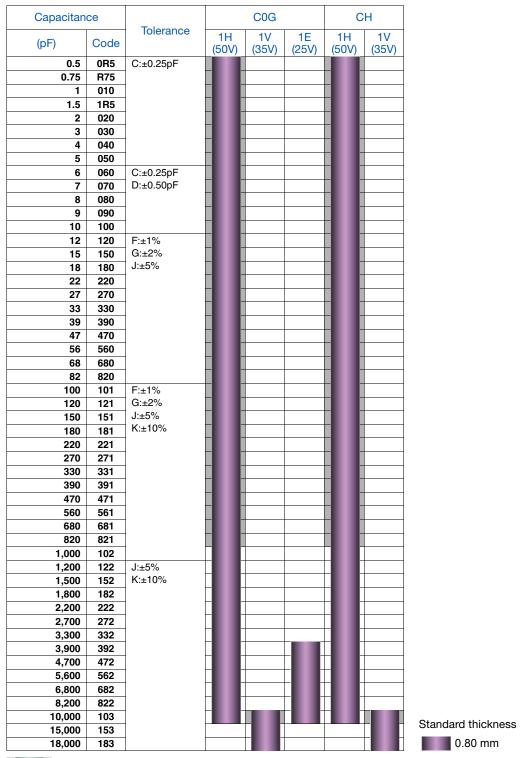
C1005 [0402 inch]



[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C1608 [0603 inch]



Background gray: The product which is not recommended to a new design.

[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C1608 [0603 inch]

Capacitan	Capacitance		JB						
(pF)	Code	Tolerance	1H (50V)	1V (35V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0G (4V)
10,000	103	K:±10%							
15,000	153	M:±20%							
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	M:±20%							
22,000,000	226								

Standard thickness 0.80 mm

Capacitan	Capacitance		X5R						
(pF)	Code	Tolerance	1H (50V)	1V (35V)	1E (25V)	1C (16V)	1A (10V)	0J (6.3V)	0G (4V)
10,000	103	K:±10%							
15,000	153	M:±20%							
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	M:±20%							
22,000,000	226								

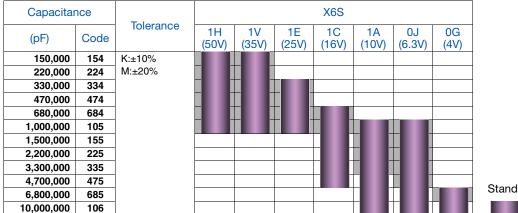
Standard thickness 0.80 mm

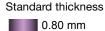
Background gray: The product which is not recommended to a new design.

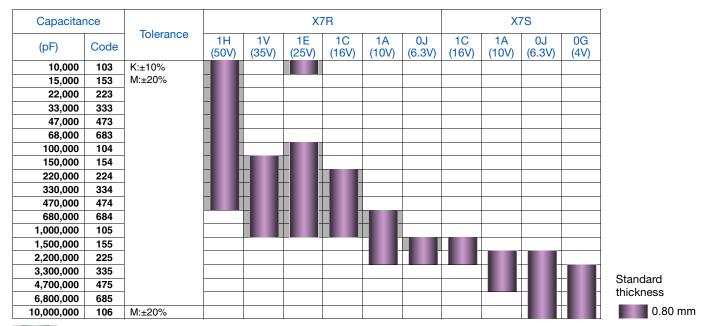
■ Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C1608 [0603 inch]







[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



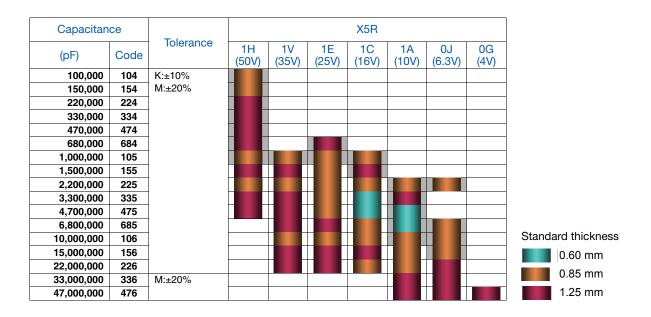
C2012 [0805 inch]

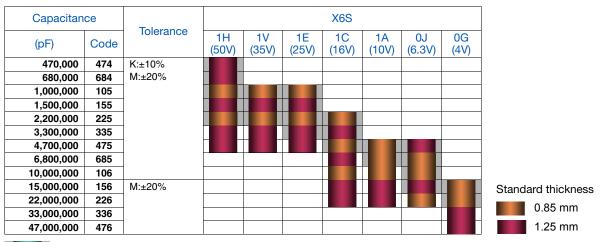


[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C2012 [0805 inch]

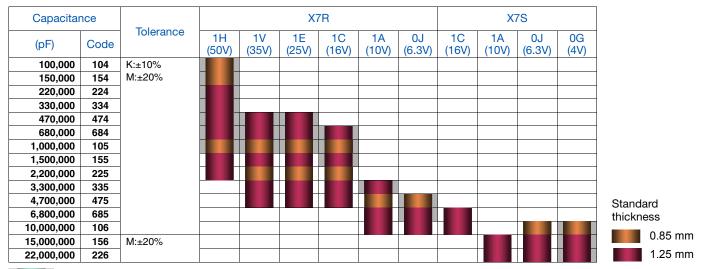




[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



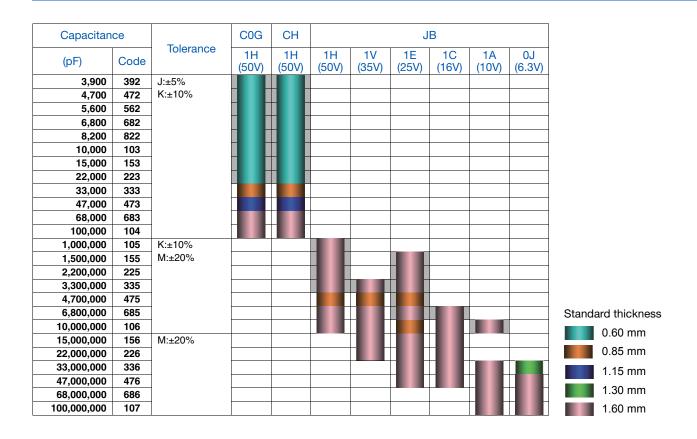
C2012 [0805 inch]

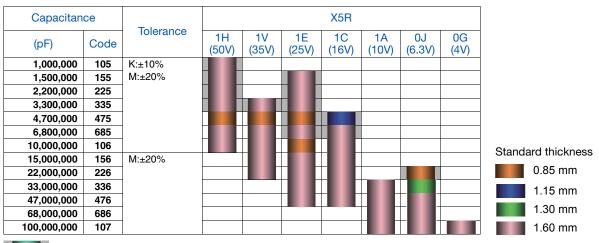


[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C3216 [1206 inch]

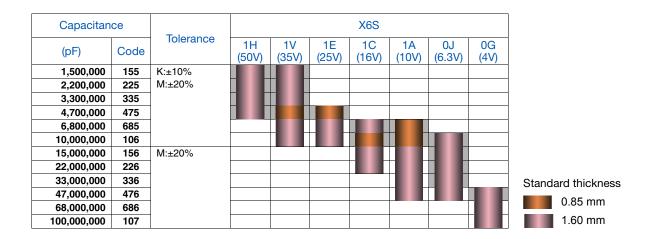


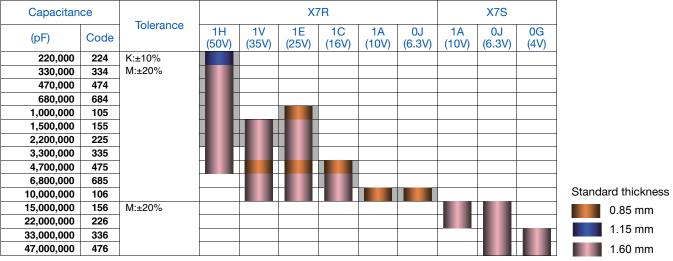


[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C3216 [1206 inch]

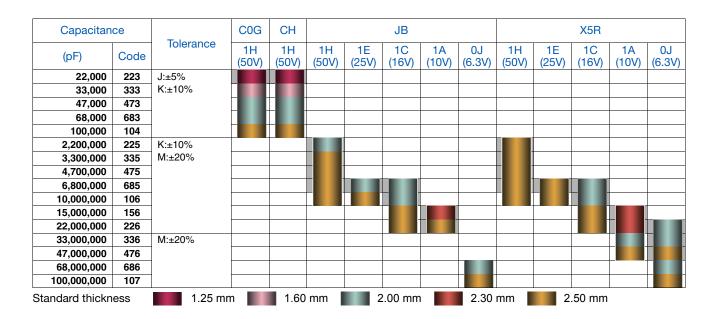


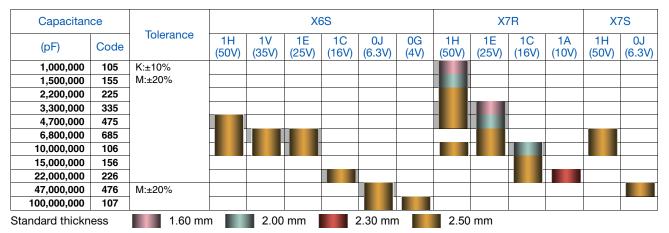


[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C3225 [1210 inch]

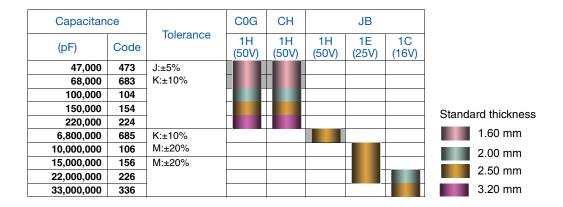


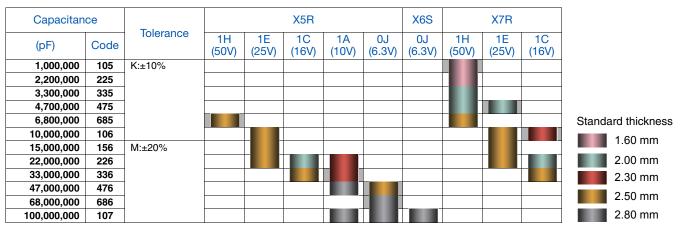


[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C4532 [1812 inch]

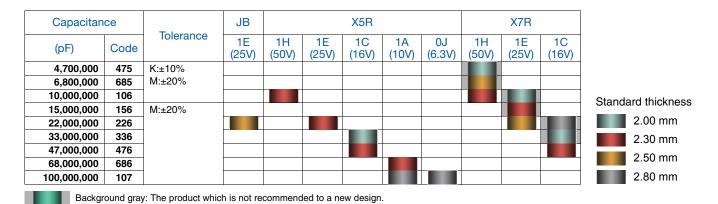




[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



C5750 [2220 inch]



[■] Please refer to the capacitance range table after P-24 for the details such as product thickness and capacitance tolerance.



Capacitance range table Temperature characteristics: C0G (-55 to +125°C, 0±30 ppm/°C)

0	Dimensione	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	±0.25pF			C0402C0G1C0R5C020BC
0.5 pF	0603	0.30±0.03	±0.25pF	C0603C0G1H0R5C030BA	C0603C0G1E0R5C030BA	
	1005	0.50±0.05	±0.10pF	C1005C0G1H0R5B050BA		
			±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	1005	0.50±0.05	±0.10pF	C1005C0G1HR75B050BA		
	4000		±0.25pF	C1005C0G1HR75C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1HR75C080AA		
,	0402	0.20±0.02	±0.25pF	0000000011010000000	000000001501000000	C0402C0G1C010C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H010C030BA	C0603C0G1E010C030BA	
1 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H010B050BA		
,	1000		±0.25pF	C1005C0G1H010C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H010C080AA		00.400000.404.0500000
	0402	0.20±0.02	±0.25pF	00000000111175000004	000000015155000054	C0402C0G1C1R5C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H1R5C030BA	C0603C0G1E1R5C030BA	
1.5 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H1R5B050BA		
			±0.25pF	C1005C0G1H1R5C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H1R5C080AA		00400000400000000000
	0402	0.20±0.02	±0.25pF	00000000411000000000	00000004500000000	C0402C0G1C020C020BC
0 5	0603	0.30±0.03	±0.25pF	C0603C0G1H020C030BA	C0603C0G1E020C030BA	
2 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H020B050BA		
	1000	0.00.010	±0.25pF	C1005C0G1H020C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H020C080AA		00400004000000000
2.2 pF	0402	0.20±0.02	±0.25pF	C0C00C0C4LI0D0C000DA	C0C02C0C4E0D0C000DA	C0402C0G1C2R2C020BC
	0603	0.30±0.03	±0.25pF	C0603C0G1H2R2C030BA	C0603C0G1E2R2C030BA	004000040000000000
	0402	0.20±0.02	±0.25pF	C0000C0C4LI000C000DA	C0000001E0000000A	C0402C0G1C030C020BC
2 5 5	0603	0.30±0.03	±0.25pF	C0603C0G1H030C030BA	C0603C0G1E030C030BA	
3 pF	1005	0.50±0.05	±0.10pF	C1005C0G1H030B050BA		
	1600	0.00.0.10	±0.25pF	C1005C0G1H030C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H030C080AA		C0400C0C1C0D0C000DC
3.3 pF	0402 0603	0.20±0.02 0.30±0.03	±0.25pF ±0.25pF	C0603C0G1H3R3C030BA	C0603C0G1E3R3C030BA	C0402C0G1C3R3C020BC
	0402	0.20±0.02	±0.25pF	C0003C0G1113113C030BA	COOOSCOGTESTISCOSOBA	C0402C0G1C040C020BC
	0603	0.20±0.02	±0.25pF	C0603C0G1H040C030BA	C0603C0G1E040C030BA	0040200010040002000
4 pF	0000	0.00±0.00	±0.10pF	C1005C0G1H040B050BA	000000001E0400000BA	
4 pi	1005	0.50±0.05	±0.10pf	C1005C0G1H040C050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H040C080AA		
	0402	0.20±0.02		C1000C0G111040C000AA		C0402C0G1C4R7C020BC
4.7 pF	0603	0.20±0.02 0.30±0.03	±0.25pF ±0.25pF	C0603C0G1H4R7C030BA	C0603C0G1E4R7C030BA	00402000104117002000
	0402	0.20±0.02	±0.25pF	C0003C0G1114117C030BA	C0003C0G1E4N7C030BA	C0402C0G1C050C020BC
,	0603	0.20±0.02 0.30±0.03	±0.25pF	C0603C0G1H050C030BA	C0603C0G1E050C030BA	0040200010000002000
5 pF	0000	0.00±0.03	±0.25pF ±0.10pF	C1005C0G1H050B050BA	JUUUJUU I LUJUUUUUDA	
o pi	1005	0.50±0.05	±0.10pF ±0.25pF	C1005C0G1H050B050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H050C080AA		
	0402	0.80±0.10 0.20±0.02	±0.25pF ±0.50pF	01000000111000000AA		C0402C0G1C060D020BC
	0603	0.20±0.02 0.30±0.03	±0.50pF	C0603C0G1H060D030BA	C0603C0G1E060D030BA	0010200010000002000
		0.00±0.03	±0.30pF ±0.25pF	C1005C0G1H060C050BA	JUUUJUU I LUUUJUUUJA	
6 pF	1005	0.50±0.05	±0.25pF ±0.50pF	C1005C0G1H060C050BA		
			±0.30pF ±0.25pF	C1608C0G1H060C080AA		
	1608	0.80±0.10	±0.25pF ±0.50pF	C1608C0G1H060D080AA		
	0402	0.20±0.02	±0.50pF	S TOUGOUGH THOUDOUNA		C0402C0G1C6R8D020BC
6.8 pF	0603	0.20±0.02 0.30±0.03	±0.50pF	C0603C0G1H6R8D030BA	C0603C0G1E6R8D030BA	00102000 10010D020B0
•	0402	0.30±0.03 0.20±0.02	±0.50pF	OUUUUUU II IUNUUUUUA	OUUUUUUUIEUNODUUUDA	C0402C0G1C070D020BC
	0603	0.20±0.02 0.30±0.03	±0.50pF	C0603C0G1H070D030BA	C0603C0G1E070D030BA	0040200GT0070D020B0
	0003	0.00±0.03			OUUUUUU IEU/UDUUUDA	
7 pF _	1005	0.50±0.05	±0.25pF ±0.50pF	C1005C0G1H070C050BA C1005C0G1H070D050BA		
	1608	0.80±0.10	±0.25pF	C1608C0G1H070C080AA		
			±0.50pF	C1608C0G1H070D080AA		

[■] Gray item: The product which is not recommended to a new design.



Capacitance range table Temperature characteristics: C0G (-55 to +125°C, 0±30 ppm/°C)

Capacitance	Dimensions	Thickness	Capacitance _	Catalog number			
Сараспансе	Difficusions	(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			
	1003	0.30±0.03	±0.50pF	C1005C0G1H080D050BA			
	1608	0.00.0.10	±0.25pF	C1608C0G1H080C080AA			
	1000	0.80±0.10	±0.50pF	C1608C0G1H080D080AA			
	0402	0.20±0.02	±0.50pF			C0402C0G1C090D020BC	
	0603	0.30±0.03	±0.50pF	C0603C0G1H090D030BA	C0603C0G1E090D030BA		
0	1005	0.50±0.05	±0.25pF	C1005C0G1H090C050BA			
9 pF	1005		±0.50pF	C1005C0G1H090D050BA			
	1000	0.00.040	±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%	0.000000		C0402C0G1C120K020BC	
	0402	0.20±0.02 0.30±0.03	±5%			C0402C0G1C120J020BC	
			±10%	C0603C0G1H120K030BA	C0603C0G1E120K030BA	00-10200010120002020	
12 pF			±5%	C0603C0G1H120J030BA	C0603C0G1E120J030BA		
	1005	0.50±0.05	±5%	C1005C0G1H120J050BA	000000001E1200000BA		
	1608	0.80±0.03	±5%				
	0402	0.20±0.02 0.30±0.03	±10%	C1608C0G1H120J080AA		C0402C0G1C150K020BC	
			±5%	000000004114501/000004	0000000154501/00004	C0402C0G1C150J020BC	
			±10%	C0603C0G1H150K030BA	C0603C0G1E150K030BA		
	1005 1608 0402 0603	0.50±0.05 0.80±0.10 0.20±0.02 0.30±0.03	±5%	C0603C0G1H150J030BA	C0603C0G1E150J030BA		
15 pF			±1%	C1005C0G1H150F050BA			
			±2%	C1005C0G1H150G050BA			
			±5%	C1005C0G1H150J050BA			
			±1%	C1608C0G1H150F080AA			
			±2%	C1608C0G1H150G080AA			
			±5%	C1608C0G1H150J080AA			
			±10%			C0402C0G1C180K020BC	
			±5%			C0402C0G1C180J020BC	
18 pF			±10%	C0603C0G1H180K030BA	C0603C0G1E180K030BA		
10 рі		0.00±0.00	±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	
	0000	0.00.0.00	±10%	C0603C0G1H220K030BA	C0603C0G1E220K030BA		
	0603	0.30±0.03	±5%	C0603C0G1H220J030BA	C0603C0G1E220J030BA		
22 pF		0.50±0.05	±1%	C1005C0G1H220F050BA			
	1005		±2%	C1005C0G1H220G050BA			
			±5%	C1005C0G1H220J050BA			
	1608		±1%	C1608C0G1H220F080AA			
		0.80±0.10	±2%	C1608C0G1H220G080AA			
			±5%	C1608C0G1H220J080AA			
			±10%	- 1000000 12200007 17		C0402C0G1C270K020BC	
	0402	0.20±0.02 0.30±0.03	±10%			C0402C0G1C270X020BC	
27 pF - -				C0603C0G1H270K030BA	C0603C0G1E270K030BA	00402000102700020BC	
	0603		±10%				
	1005	0.50 : 0.05	±5%	C0603C0G1H270J030BA	C0603C0G1E270J030BA		
	1005	0.50±0.05	±5%	C1005C0G1H270J050BA			
	1608	0.80±0.10	±5%	C1608C0G1H270J080AA			

[■] Gray item: The product which is not recommended to a new design.