

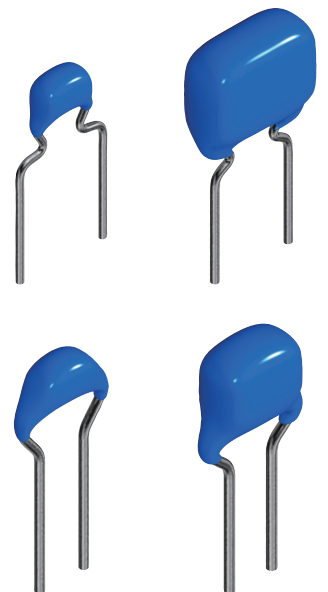
# MLCC with dipped radial lead

(Halogen-free, commercial grade)

## FG series

---

Type:	Lead pitch	5.0 mm
		FG28 [4.0x5.5mm]
		FG24 [4.5x5.5mm]
		FG26 [5.5x6.0mm]
		FG20 [5.5x7.0mm]
		FG22 [7.5x8.5mm]
		FG23 [8.5x11.0mm]
	Lead pitch	2.5 mm
		FG18 [4.0x5.5mm]
		FG14 [4.5x5.5mm]
		FG16 [5.5x6.0mm]
		FG11 [5.5x7.0mm]



## 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   | (7) Transportation control equipment   |
| (2) Transportation equipment (cars, electric trains, ships, etc.)                    | (8) Public information-processing equipment                                  |
| (3) Medical equipment (excepting Pharmaceutical Affairs Law classification Class1,2) | (9) Military equipment   |
| (4) Power-generation control equipment   | (10) Electric heating apparatus, burning equipment                           |
| (5) Atomic energy-related equipment  | (11) Disaster prevention/crime prevention equipment                          |
| (6) Seabed 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.

# MLCC with dipped radial lead

Product compatible with RoHS directive  
Halogen-free

Halogen-free, commercial grade

## Overview of the FG series

### FEATURES

- Voltage rating of 10V to 630V with capacitance range of 1pF to 47μF

### APPLICATION

- Noise reduction measures for various motors
- Bypass capacitors and smoothing capacitors for switching power sources, etc.
- Snubber circuits
- PFC input filters

### PART NUMBER CONSTRUCTION

FG	2	8	COG	1H	010	C	□□□	□
Series name	Lead pitch (mm)	LxWxT Dimensions (mm)	Capacitance temperature characteristics	Rated voltage (V)	Nominal capacitance (pF)	Capacitance tolerance	Internal code	Packaging style
	1   2.5 2   5.0	8   4.0x5.5x2.5 4   4.5x5.5x3.0 6   5.5x6.0x3.5 0   5.5x7.0x4.0	COG 0±30ppm/°C X5R ±15% X7R ±15% X7S ±22% X7T +22, -33%	1A   10 1C   16 1E   25 1H   50 2A   100 2E   250 2W   450 2J   630	010   1 100   10 101   100 102   1,000	C ±0.25pF D ±0.5pF J ±5% K ±10% M ±20%	□□□	0   Bulk 6   Taping

### OPERATING TEMPERATURE RANGE

Capacitance temperature characteristics	Temperature range*	
	Operating temperature (°C)	Storage temperature** (°C)
COG, X7R, X7S, X7T	-55 to +125	-55 to +125
X5R	-55 to +85	-55 to +85

\* The maximum operating temperature includes capacitor self-generated heat of up to 20°C.

\*\* The storage temperature range is for after the assembly.

○ RoHS Directive Compliant Product: See the following for more details. <https://product.tdk.com/en/environment/rohs/index.html>

○ Halogen-free: indicates that Cl content is less than 900ppm, Br content is less than 900ppm, and that the total Cl and Br content is less than 1500ppm.

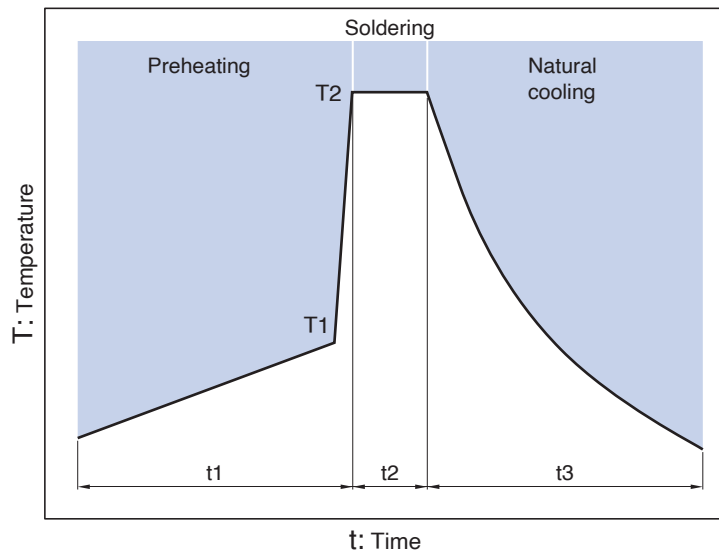
Please be sure to request delivery specifications that provide further details on the features and specifications of the products for proper and safe use. Please note that the contents may change without any prior notice due to reasons such as upgrading.

# Overview of the FG series

## PACKAGE QUANTITY

Type	Package quantity	
	Taping (pieces / box)	Bulk (pieces / bag)
FG28	2000	500
FG24	2000	500
FG26	2000	500
FG20	1500	500
FG22	1000	500
FG23	1000	200
FG18	2000	500
FG14	2000	500
FG16	2000	500
FG11	1500	500

## RECOMMENDED FLOW PROFILE



Preheating		Peak		Natural cooling
Temp.	Time	Temp.	Time	Time
T1	t1	T2	t2	t3
110°C min.	Over 60s.	260°C	Within 5s.	Over 60s.

# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

### Capacitance range chart

### FG28 type

Capacitance		COG			X7R		X7S
(pF)	Code	2E (250V)	2A (100V)	1H (50V)	2A (100V)	1H (50V)	2A (100V)
1	010						
1.5	1R5						
2	020						
2.2	2R2						
3	030						
3.3	3R3						
4	040						
4.7	4R7						
5	050						
6	060						
6.8	6R8						
7	070						
8	080						
9	090						
10	100						
12	120						
15	150						
18	180						
22	220						
27	270						
33	330						
39	390						
47	470						
56	560						
68	680						
82	820						
100	101						
120	121						
150	151						
180	181						
220	221						
270	271						
330	331						
390	391						
470	471						
560	561						
680	681						
820	821						
1,000	102						
1,200	122						
1,500	152						
1,800	182						
2,200	222						
2,700	272						
3,300	332						
3,900	392						
4,700	472						
5,600	562						
6,800	682						
8,200	822						
10,000	103						
15,000	153						
22,000	223						
33,000	333						

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

Click the charts for details.

For details such as the catalog numbers, please refer to the capacitance range table on page 16 and after.

# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

### Capacitance range chart

### FG28 type

Capacitance		X5R		X7R			X7S
(pF)	Code	1H (50V)	1E (25V)	1H (50V)	1E (25V)	1A (10V)	2A (100V)
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		■			■	
1,800,000	185						
2,200,000	225		■			■	
2,700,000	275		■				
3,300,000	335		■				
3,900,000	395						
4,700,000	475		■				
5,600,000	565						
6,800,000	685		■				
10,000,000	106		■				

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

■ Click the charts for details.

■ For details such as the catalog numbers, please refer to the capacitance range table on page 16 and after.

# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

### Capacitance range chart

### FG24 type

Capacitance		COG				X5R		X7R					X7S	X7T	
(pF)	Code	2W (450V)	2E (250V)	2A (100V)	1H (50V)	1H (50V)	1E (25V)	2E (250V)	2A (100V)	1H (50V)	1E (25V)	1C (16V)	1A (10V)	2A (100V)	2E (250V)
100	101	█													
120	121	█													
150	151	█													
180	181	█													
220	221	█													
270	271	█													
330	331	█													
390	391	█													
470	471	█													
560	561	█													
680	681	█													
820	821	█													
1,000	102	█						█							
1,200	122	█						█							
1,500	152	█						█							
1,800	182	█						█							
2,200	222	█						█							
2,700	272	█	█					█							
3,300	332	█	█					█							
3,900	392	█	█	█				█							
4,700	472	█	█	█				█							
5,600	562	█	█	█				█							
6,800	682	█	█	█				█							
8,200	822	█	█	█				█							
10,000	103	█	█	█	█			█							
15,000	153	█	█	█	█			█							
22,000	223	█	█	█	█			█							
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	█	█	█	█			█	█	█	█	█	█		█

- █ Background gray: These products are not recommended for new designs.
- █ Click the charts for details.
- █ For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.

# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

**Capacitance range chart**

**FG26 type**

Capacitance		COG					X5R		X7R					X7S	X7T
(pF)	Code	2J (630V)	2W (450V)	2E (250V)	2A (100V)	1H (50V)	1H (50V)	1E (25V)	2J (630V)	2E (250V)	2A (100V)	1H (50V)	1E (25V)	2A (100V)	2E (250V)
100	101	█													
120	121	█													
150	151	█													
180	181	█													
220	221	█													
270	271	█													
330	331	█													
390	391	█													
470	471	█													
560	561	█													
680	681	█													
820	821	█													
1,000	102	█							█						
1,200	122	█							█						
1,500	152	█							█						
1,800	182	█							█						
2,200	222	█							█						
2,700	272	█							█						
3,300	332	█							█						
3,900	392	█							█						
4,700	472	█							█						
5,600	562	█							█						
6,800	682	█	█						█						
8,200	822	█	█						█						
10,000	103	█							█						
15,000	153	█	█	█	█				█						
22,000	223	█		█	█				█	█					
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	█													
33,000,000	336	█													
47,000,000	476	█													

- █ Background gray: These products are not recommended for new designs.
- █ Click the charts for details.
- █ For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.



# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

### Capacitance range chart

### FG20 type

Capacitance		COG				X7R					X7S		X7T	
(pF)	Code	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	1H (50V)	1E (25V)	1C (16V)	2A (100V)	1H (50V)	2E (250V)
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										■			

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

■ Click the charts for details.

■ For details such as the catalog numbers, please refer to the capacitance range table on page 16 and after.

# MLCC with dipped radial lead

Product compatible with RoHS directive  
Halogen-free

## Halogen-free, commercial grade

### Capacitance range chart

### FG22 type

Capacitance		COG					X5R		X7R						X7T	
(pF)	Code	2J (630V)	2W (450V)	2E (250V)	2A (100V)	1H (50V)	1C (16V)	1A (10V)	2J (100V)	2E (250V)	2A (100V)	1H (50V)	1E (25V)	1C (16V)	2E (250V)	
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															
33,000,000	336							■								
47,000,000	476								■							

- Background gray: These products are not recommended for new designs.
- Click the charts for details.
- For details such as the catalog numbers, please refer to the capacitance range table on page 16 and after.

### Capacitance range chart

### FG23 type

Capacitance		COG				X7R						X7S	X7T
(pF)	Code	2J (630V)	2W (450V)	2E (250V)	2A (100V)	2J (630V)	2E (250V)	2A (100V)	1H (50V)	1E (25V)	1C (16V)	2A (100V)	2E (250V)
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												
33,000,000	336												
47,000,000	476												

- Background gray: These products are not recommended for new designs.
- Click the charts for details.
- For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.

# MLCC with dipped radial lead




Product compatible with RoHS directive  
Halogen-free


## Halogen-free, commercial grade

### Capacitance range chart

### FG18 type

Capacitance		COG		X7R		X7S
(pF)	Code	2A (100V)	1H (50V)	2A (100V)	1H (50V)	2A (100V)
1	010					
1.5	1R5					
2	020					
2.2	2R2					
3	030					
3.3	3R3					
4	040					
4.7	4R7					
5	050					
6	060					
6.8	6R8					
7	070					
8	080					
9	090					
10	100					
12	120					
15	150					
18	180					
22	220					
27	270					
33	330					
39	390					
47	470					
56	560					
68	680					
82	820					
100	101					
120	121					
150	151					
180	181					
220	221					
270	271					
330	331					
390	391					
470	471					
560	561					
680	681					
820	821					
1,000	102					
1,200	122					
1,500	152					
1,800	182					
2,200	222					
2,700	272					
3,300	332					
3,900	392					
4,700	472					
5,600	562					
6,800	682					
8,200	822					
10,000	103					
15,000	153					
22,000	223					
33,000	333					

-  Background gray: These products are not recommended for new designs.
-  Click the charts for details.
-  For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.

# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

### Capacitance range chart

### FG18 type

Capacitance		X5R		X7R			X7S
(pF)	Code	1H (50V)	1E (25V)	1H (50V)	1E (25V)	1A (10V)	2A (100V)
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	■	■	■		■	■
1,800,000	185	■		■			■
2,200,000	225	■	■	■		■	■
2,700,000	275	■	■	■			■
3,300,000	335	■	■	■			■
3,900,000	395	■	■	■			■
4,700,000	475	■	■	■			■
5,600,000	565	■	■	■			■
6,800,000	685	■	■	■			■
10,000,000	106	■	■	■			■

- Background gray: These products are not recommended for new designs.
- Click the charts for details.
- For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.

# MLCC with dipped radial lead

Product compatible with RoHS directive  
Halogen-free

Halogen-free, commercial grade

## Capacitance range chart

## FG14 type

Capacitance		COG		X5R		X7R			X7S
(pF)	Code	2A (100V)	1H (50V)	1H (50V)	1E (25V)	2A (100V)	1H (50V)	1E (25V)	2A (100V)
3,900	392	█							
4,700	472	█							
5,600	562	█							
6,800	682	█							
8,200	822	█							
10,000	103	█							
15,000	153	█	█						
22,000	223	█	█						
33,000	333	█	█			█			
47,000	473	█	█			█			
68,000	683	█	█			█			
100,000	104	█	█			█			█
150,000	154	█	█			█	█		█
220,000	224	█	█			█	█		█
330,000	334	█	█			█	█		█
470,000	474	█	█			█	█	█	█
680,000	684	█	█			█	█	█	█
1,000,000	105	█	█			█	█	█	█
1,500,000	155	█	█			█	█	█	█
2,200,000	225	█	█			█	█	█	█
3,300,000	335	█	█	█		█	█	█	█
4,700,000	475	█	█	█		█	█	█	█
6,800,000	685	█	█	█		█	█	█	█
10,000,000	106	█	█	█	█	█	█	█	█
15,000,000	156	█	█	█	█	█	█	█	█

- █ Background gray: These products are not recommended for new designs.
- █ Click the charts for details.
- █ For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.

# MLCC with dipped radial lead

## Halogen-free, commercial grade

Product compatible with RoHS directive  
Halogen-free

### Capacitance range chart

### FG16 type

Capacitance		COG		X5R		X7R			X7S
(pF)	Code	2A (100V)	1H (50V)	1H (50V)	1E (25V)	2A (100V)	1H (50V)	1E (25V)	2A (100V)
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			█				█	
1,500,000	156								
2,200,000	225								
33,000,000	336				█				

- █ Background gray: These products are not recommended for new designs.
- █ Click the charts for details.
- █ For details such as the catalog numbers, please refer to the capacitance range table on page 16 and after.

### Capacitance range chart

### FG11 type

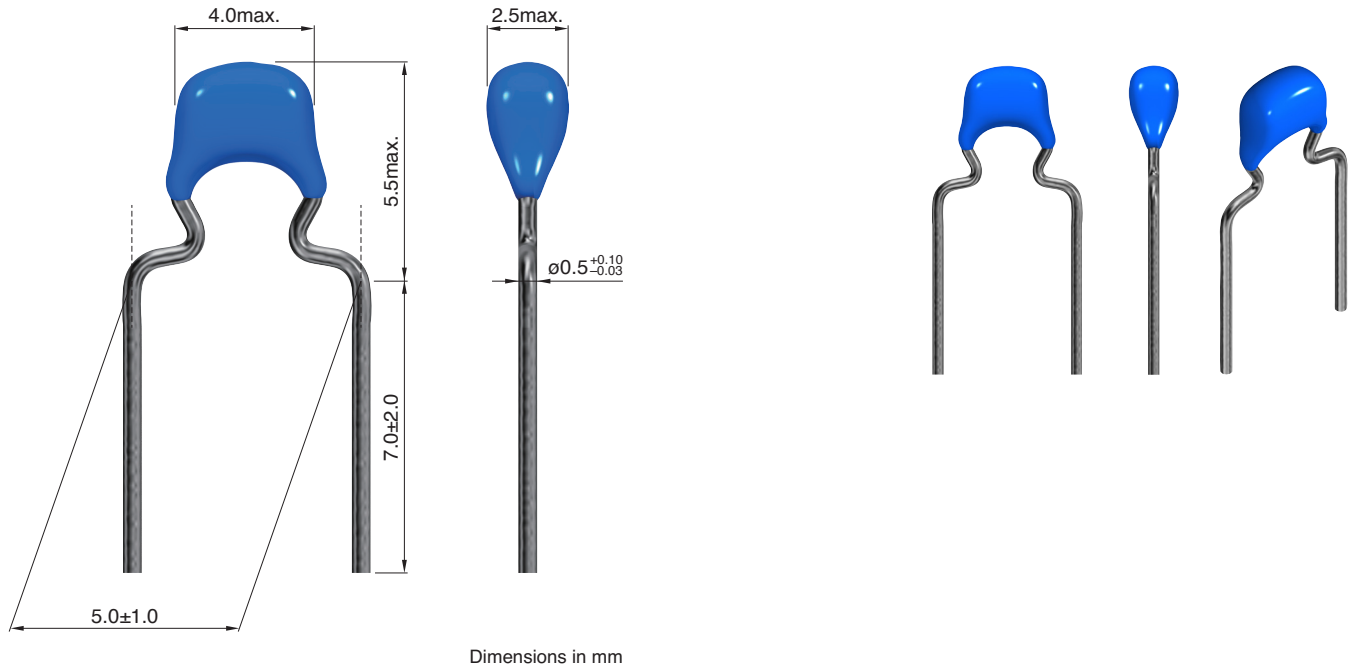
Capacitance		COG		X7R			X7S	
(pF)	Code	2A (100V)	2A (100V)	1H (50V)	1E (25V)	1C (16V)	2A (100V)	1H (50V)
47,000	473	█						
68,000	683	█						
100,000	104							
150,000	154							
220,000	224							
330,000	334							
470,000	474							
680,000	684							
1,000,000	105							
1,500,000	155		█	█				
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					█		

- █ Background gray: These products are not recommended for new designs.
- █ Click the charts for details.
- █ For details such as the catalog numbers, please refer to the capacitance range table on page 16 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.

# FG28 type

## ■ SHAPE & DIMENSIONS



# CAPACITORS

## FG28 type

### ELECTRICAL CHARACTERISTICS

#### CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	1.0pF	±0.25pF	50	<a href="#">FG28C0G1H010CNT00</a>	<a href="#">FG28C0G1H010CNT06</a>
C0G	1.5pF	±0.25pF	50	<a href="#">FG28C0G1H1R5CNT00</a>	<a href="#">FG28C0G1H1R5CNT06</a>
C0G	2.0pF	±0.25pF	50	<a href="#">FG28C0G1H020CNT00</a>	<a href="#">FG28C0G1H020CNT06</a>
C0G	2.2pF	±0.25pF	50	<a href="#">FG28C0G1H2R2CNT00</a>	<a href="#">FG28C0G1H2R2CNT06</a>
C0G	3.0pF	±0.25pF	50	<a href="#">FG28C0G1H030CNT00</a>	<a href="#">FG28C0G1H030CNT06</a>
C0G	3.3pF	±0.25pF	50	<a href="#">FG28C0G1H3R3CNT00</a>	<a href="#">FG28C0G1H3R3CNT06</a>
C0G	4.0pF	±0.25pF	50	<a href="#">FG28C0G1H040CNT00</a>	<a href="#">FG28C0G1H040CNT06</a>
C0G	4.7pF	±0.25pF	50	<a href="#">FG28C0G1H4R7CNT00</a>	<a href="#">FG28C0G1H4R7CNT06</a>
C0G	5.0pF	±0.25pF	50	<a href="#">FG28C0G1H050CNT00</a>	<a href="#">FG28C0G1H050CNT06</a>
C0G	6.0pF	±0.5pF	50	<a href="#">FG28C0G1H060DNT00</a>	<a href="#">FG28C0G1H060DNT06</a>
C0G	6.8pF	±0.5pF	50	<a href="#">FG28C0G1H6R8DNT00</a>	<a href="#">FG28C0G1H6R8DNT06</a>
C0G	7.0pF	±0.5pF	50	<a href="#">FG28C0G1H070DNT00</a>	<a href="#">FG28C0G1H070DNT06</a>
C0G	8.0pF	±0.5pF	50	<a href="#">FG28C0G1H080DNT00</a>	<a href="#">FG28C0G1H080DNT06</a>
C0G	9.0pF	±0.5pF	50	<a href="#">FG28C0G1H090DNT00</a>	<a href="#">FG28C0G1H090DNT06</a>
C0G	10pF	±0.5pF	50	<a href="#">FG28C0G1H100DNT00</a>	<a href="#">FG28C0G1H100DNT06</a>
C0G	12pF	±5%	50	<a href="#">FG28C0G1H120JNT00</a>	<a href="#">FG28C0G1H120JNT06</a>
C0G	15pF	±5%	50	<a href="#">FG28C0G1H150JNT00</a>	<a href="#">FG28C0G1H150JNT06</a>
C0G	18pF	±5%	50	<a href="#">FG28C0G1H180JNT00</a>	<a href="#">FG28C0G1H180JNT06</a>
C0G	22pF	±5%	50	<a href="#">FG28C0G1H220JNT00</a>	<a href="#">FG28C0G1H220JNT06</a>
C0G	27pF	±5%	50	<a href="#">FG28C0G1H270JNT00</a>	<a href="#">FG28C0G1H270JNT06</a>
C0G	33pF	±5%	50	<a href="#">FG28C0G1H330JNT00</a>	<a href="#">FG28C0G1H330JNT06</a>
C0G	39pF	±5%	50	<a href="#">FG28C0G1H390JNT00</a>	<a href="#">FG28C0G1H390JNT06</a>
C0G	47pF	±5%	50	<a href="#">FG28C0G1H470JNT00</a>	<a href="#">FG28C0G1H470JNT06</a>
C0G	56pF	±5%	50	<a href="#">FG28C0G1H560JNT00</a>	<a href="#">FG28C0G1H560JNT06</a>
C0G	68pF	±5%	50	<a href="#">FG28C0G1H680JNT00</a>	<a href="#">FG28C0G1H680JNT06</a>
C0G	82pF	±5%	50	<a href="#">FG28C0G1H820JNT00</a>	<a href="#">FG28C0G1H820JNT06</a>
C0G	100pF	±5%	50	<a href="#">FG28C0G1H101JNT00</a>	<a href="#">FG28C0G1H101JNT06</a>
C0G	120pF	±5%	50	<a href="#">FG28C0G1H121JNT00</a>	<a href="#">FG28C0G1H121JNT06</a>
C0G	150pF	±5%	50	<a href="#">FG28C0G1H151JNT00</a>	<a href="#">FG28C0G1H151JNT06</a>
C0G	180pF	±5%	50	<a href="#">FG28C0G1H181JNT00</a>	<a href="#">FG28C0G1H181JNT06</a>
C0G	220pF	±5%	50	<a href="#">FG28C0G1H221JNT00</a>	<a href="#">FG28C0G1H221JNT06</a>
C0G	270pF	±5%	50	<a href="#">FG28C0G1H271JNT00</a>	<a href="#">FG28C0G1H271JNT06</a>
C0G	330pF	±5%	50	<a href="#">FG28C0G1H331JNT00</a>	<a href="#">FG28C0G1H331JNT06</a>
C0G	390pF	±5%	50	<a href="#">FG28C0G1H391JNT00</a>	<a href="#">FG28C0G1H391JNT06</a>
C0G	470pF	±5%	50	<a href="#">FG28C0G1H471JNT00</a>	<a href="#">FG28C0G1H471JNT06</a>
C0G	560pF	±5%	50	<a href="#">FG28C0G1H561JNT00</a>	<a href="#">FG28C0G1H561JNT06</a>
C0G	680pF	±5%	50	<a href="#">FG28C0G1H681JNT00</a>	<a href="#">FG28C0G1H681JNT06</a>
C0G	820pF	±5%	50	<a href="#">FG28C0G1H821JNT00</a>	<a href="#">FG28C0G1H821JNT06</a>
C0G	1nF	±5%	50	<a href="#">FG28C0G1H102JNT00</a>	<a href="#">FG28C0G1H102JNT06</a>
C0G	1.2nF	±5%	50	<a href="#">FG28C0G1H122JNT00</a>	<a href="#">FG28C0G1H122JNT06</a>
C0G	1.5nF	±5%	50	<a href="#">FG28C0G1H152JNT00</a>	<a href="#">FG28C0G1H152JNT06</a>
C0G	1.8nF	±5%	50	<a href="#">FG28C0G1H182JNT00</a>	<a href="#">FG28C0G1H182JNT06</a>
C0G	2.2nF	±5%	50	<a href="#">FG28C0G1H222JNT00</a>	<a href="#">FG28C0G1H222JNT06</a>
C0G	2.7nF	±5%	50	<a href="#">FG28C0G1H272JNT00</a>	<a href="#">FG28C0G1H272JNT06</a>
C0G	3.3nF	±5%	50	<a href="#">FG28C0G1H332JNT00</a>	<a href="#">FG28C0G1H332JNT06</a>
C0G	3.9nF	±5%	50	<a href="#">FG28C0G1H392JNT00</a>	<a href="#">FG28C0G1H392JNT06</a>
C0G	4.7nF	±5%	50	<a href="#">FG28C0G1H472JNT00</a>	<a href="#">FG28C0G1H472JNT06</a>
C0G	5.6nF	±5%	50	<a href="#">FG28C0G1H562JNT00</a>	<a href="#">FG28C0G1H562JNT06</a>
C0G	6.8nF	±5%	50	<a href="#">FG28C0G1H682JNT00</a>	<a href="#">FG28C0G1H682JNT06</a>
C0G	8.2nF	±5%	50	<a href="#">FG28C0G1H822JNT00</a>	<a href="#">FG28C0G1H822JNT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.



# FG28 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	10nF	±5%	50	<a href="#">FG28C0G1H103JNT00</a>	<a href="#">FG28C0G1H103JNT06</a>
C0G	1.0pF	±0.25pF	100	<a href="#">FG28C0G2A010CNT00</a>	<a href="#">FG28C0G2A010CNT06</a>
C0G	1.5pF	±0.25pF	100	<a href="#">FG28C0G2A1R5CNT00</a>	<a href="#">FG28C0G2A1R5CNT06</a>
C0G	2.0pF	±0.25pF	100	<a href="#">FG28C0G2A020CNT00</a>	<a href="#">FG28C0G2A020CNT06</a>
C0G	2.2pF	±0.25pF	100	<a href="#">FG28C0G2A2R2CNT00</a>	<a href="#">FG28C0G2A2R2CNT06</a>
C0G	3.0pF	±0.25pF	100	<a href="#">FG28C0G2A030CNT00</a>	<a href="#">FG28C0G2A030CNT06</a>
C0G	3.3pF	±0.25pF	100	<a href="#">FG28C0G2A3R3CNT00</a>	<a href="#">FG28C0G2A3R3CNT06</a>
C0G	4.0pF	±0.25pF	100	<a href="#">FG28C0G2A040CNT00</a>	<a href="#">FG28C0G2A040CNT06</a>
C0G	4.7pF	±0.25pF	100	<a href="#">FG28C0G2A4R7CNT00</a>	<a href="#">FG28C0G2A4R7CNT06</a>
C0G	5.0pF	±0.25pF	100	<a href="#">FG28C0G2A050CNT00</a>	<a href="#">FG28C0G2A050CNT06</a>
C0G	6.0pF	±0.5pF	100	<a href="#">FG28C0G2A060DNT00</a>	<a href="#">FG28C0G2A060DNT06</a>
C0G	6.8pF	±0.5pF	100	<a href="#">FG28C0G2A6R8DNT00</a>	<a href="#">FG28C0G2A6R8DNT06</a>
C0G	7.0pF	±0.5pF	100	<a href="#">FG28C0G2A070DNT00</a>	<a href="#">FG28C0G2A070DNT06</a>
C0G	8.0pF	±0.5pF	100	<a href="#">FG28C0G2A080DNT00</a>	<a href="#">FG28C0G2A080DNT06</a>
C0G	9.0pF	±0.5pF	100	<a href="#">FG28C0G2A090DNT00</a>	<a href="#">FG28C0G2A090DNT06</a>
C0G	10pF	±0.5pF	100	<a href="#">FG28C0G2A100DNT00</a>	<a href="#">FG28C0G2A100DNT06</a>
C0G	12pF	±5%	100	<a href="#">FG28C0G2A120JNT00</a>	<a href="#">FG28C0G2A120JNT06</a>
C0G	15pF	±5%	100	<a href="#">FG28C0G2A150JNT00</a>	<a href="#">FG28C0G2A150JNT06</a>
C0G	18pF	±5%	100	<a href="#">FG28C0G2A180JNT00</a>	<a href="#">FG28C0G2A180JNT06</a>
C0G	22pF	±5%	100	<a href="#">FG28C0G2A220JNT00</a>	<a href="#">FG28C0G2A220JNT06</a>
C0G	27pF	±5%	100	<a href="#">FG28C0G2A270JNT00</a>	<a href="#">FG28C0G2A270JNT06</a>
C0G	33pF	±5%	100	<a href="#">FG28C0G2A330JNT00</a>	<a href="#">FG28C0G2A330JNT06</a>
C0G	39pF	±5%	100	<a href="#">FG28C0G2A390JNT00</a>	<a href="#">FG28C0G2A390JNT06</a>
C0G	47pF	±5%	100	<a href="#">FG28C0G2A470JNT00</a>	<a href="#">FG28C0G2A470JNT06</a>
C0G	56pF	±5%	100	<a href="#">FG28C0G2A560JNT00</a>	<a href="#">FG28C0G2A560JNT06</a>
C0G	68pF	±5%	100	<a href="#">FG28C0G2A680JNT00</a>	<a href="#">FG28C0G2A680JNT06</a>
C0G	82pF	±5%	100	<a href="#">FG28C0G2A820JNT00</a>	<a href="#">FG28C0G2A820JNT06</a>
C0G	100pF	±5%	100	<a href="#">FG28C0G2A101JNT00</a>	<a href="#">FG28C0G2A101JNT06</a>
C0G	120pF	±5%	100	<a href="#">FG28C0G2A121JNT00</a>	<a href="#">FG28C0G2A121JNT06</a>
C0G	150pF	±5%	100	<a href="#">FG28C0G2A151JNT00</a>	<a href="#">FG28C0G2A151JNT06</a>
C0G	180pF	±5%	100	<a href="#">FG28C0G2A181JNT00</a>	<a href="#">FG28C0G2A181JNT06</a>
C0G	220pF	±5%	100	<a href="#">FG28C0G2A221JNT00</a>	<a href="#">FG28C0G2A221JNT06</a>
C0G	270pF	±5%	100	<a href="#">FG28C0G2A271JNT00</a>	<a href="#">FG28C0G2A271JNT06</a>
C0G	330pF	±5%	100	<a href="#">FG28C0G2A331JNT00</a>	<a href="#">FG28C0G2A331JNT06</a>
C0G	390pF	±5%	100	<a href="#">FG28C0G2A391JNT00</a>	<a href="#">FG28C0G2A391JNT06</a>
C0G	470pF	±5%	100	<a href="#">FG28C0G2A471JNT00</a>	<a href="#">FG28C0G2A471JNT06</a>
C0G	560pF	±5%	100	<a href="#">FG28C0G2A561JNT00</a>	<a href="#">FG28C0G2A561JNT06</a>
C0G	680pF	±5%	100	<a href="#">FG28C0G2A681JNT00</a>	<a href="#">FG28C0G2A681JNT06</a>
C0G	820pF	±5%	100	<a href="#">FG28C0G2A821JNT00</a>	<a href="#">FG28C0G2A821JNT06</a>
C0G	1nF	±5%	100	<a href="#">FG28C0G2A102JNT00</a>	<a href="#">FG28C0G2A102JNT06</a>
C0G	1.2nF	±5%	100	<a href="#">FG28C0G2A122JNT00</a>	<a href="#">FG28C0G2A122JNT06</a>
C0G	1.5nF	±5%	100	<a href="#">FG28C0G2A152JNT00</a>	<a href="#">FG28C0G2A152JNT06</a>
C0G	1.8nF	±5%	100	<a href="#">FG28C0G2A182JNT00</a>	<a href="#">FG28C0G2A182JNT06</a>
C0G	2.2nF	±5%	100	<a href="#">FG28C0G2A222JNT00</a>	<a href="#">FG28C0G2A222JNT06</a>
C0G	2.7nF	±5%	100	<a href="#">FG28C0G2A272JNT00</a>	<a href="#">FG28C0G2A272JNT06</a>
C0G	3.3nF	±5%	100	<a href="#">FG28C0G2A332JNT00</a>	<a href="#">FG28C0G2A332JNT06</a>
C0G	3.9nF	±5%	100	<a href="#">FG28C0G2A392JRT00</a>	<a href="#">FG28C0G2A392JRT06</a>
C0G	4.7nF	±5%	100	<a href="#">FG28C0G2A472JRT00</a>	<a href="#">FG28C0G2A472JRT06</a>
C0G	5.6nF	±5%	100	<a href="#">FG28C0G2A562JRT00</a>	<a href="#">FG28C0G2A562JRT06</a>
C0G	6.8nF	±5%	100	<a href="#">FG28C0G2A682JRT00</a>	<a href="#">FG28C0G2A682JRT06</a>
C0G	8.2nF	±5%	100	<a href="#">FG28C0G2A822JRT00</a>	<a href="#">FG28C0G2A822JRT06</a>
C0G	10nF	±5%	100	<a href="#">FG28C0G2A103JRT00</a>	<a href="#">FG28C0G2A103JRT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG28 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	100pF	±5%	250	<a href="#">FG28C0G2E101JNT00</a>	<a href="#">FG28C0G2E101JNT06</a>
C0G	120pF	±5%	250	<a href="#">FG28C0G2E121JNT00</a>	<a href="#">FG28C0G2E121JNT06</a>
C0G	150pF	±5%	250	<a href="#">FG28C0G2E151JNT00</a>	<a href="#">FG28C0G2E151JNT06</a>
C0G	180pF	±5%	250	<a href="#">FG28C0G2E181JNT00</a>	<a href="#">FG28C0G2E181JNT06</a>
C0G	220pF	±5%	250	<a href="#">FG28C0G2E221JNT00</a>	<a href="#">FG28C0G2E221JNT06</a>
C0G	270pF	±5%	250	<a href="#">FG28C0G2E271JNT00</a>	<a href="#">FG28C0G2E271JNT06</a>
C0G	330pF	±5%	250	<a href="#">FG28C0G2E331JNT00</a>	<a href="#">FG28C0G2E331JNT06</a>
C0G	390pF	±5%	250	<a href="#">FG28C0G2E391JNT00</a>	<a href="#">FG28C0G2E391JNT06</a>
C0G	470pF	±5%	250	<a href="#">FG28C0G2E471JNT00</a>	<a href="#">FG28C0G2E471JNT06</a>
C0G	560pF	±5%	250	<a href="#">FG28C0G2E561JNT00</a>	<a href="#">FG28C0G2E561JNT06</a>
C0G	680pF	±5%	250	<a href="#">FG28C0G2E681JNT00</a>	<a href="#">FG28C0G2E681JNT06</a>
C0G	820pF	±5%	250	<a href="#">FG28C0G2E821JNT00</a>	<a href="#">FG28C0G2E821JNT06</a>
C0G	1nF	±5%	250	<a href="#">FG28C0G2E102JNT00</a>	<a href="#">FG28C0G2E102JNT06</a>
C0G	1.2nF	±5%	250	<a href="#">FG28C0G2E122JNT00</a>	<a href="#">FG28C0G2E122JNT06</a>
C0G	1.5nF	±5%	250	<a href="#">FG28C0G2E152JNT00</a>	<a href="#">FG28C0G2E152JNT06</a>
C0G	1.8nF	±5%	250	<a href="#">FG28C0G2E182JNT00</a>	<a href="#">FG28C0G2E182JNT06</a>
C0G	2.2nF	±5%	250	<a href="#">FG28C0G2E222JNT00</a>	<a href="#">FG28C0G2E222JNT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG28 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	1.5uF	±10%	25	<a href="#">FG28X5R1E155KRT00</a>	<a href="#">FG28X5R1E155KRT06</a>
X5R	2.2uF	±10%	25	<a href="#">FG28X5R1E225KRT00</a>	<a href="#">FG28X5R1E225KRT06</a>
X5R	3.3uF	±10%	25	<a href="#">FG28X5R1E335KRT00</a>	<a href="#">FG28X5R1E335KRT06</a>
X5R	4.7uF	±10%	25	<a href="#">FG28X5R1E475KRT00</a>	<a href="#">FG28X5R1E475KRT06</a>
X5R	6.8uF	±10%	25	<a href="#">FG28X5R1E685KRT00</a>	<a href="#">FG28X5R1E685KRT06</a>
X5R	10uF	±20%	25	<a href="#">FG28X5R1E106MRT00</a>	<a href="#">FG28X5R1E106MRT06</a>
X5R	680nF	±10%	50	<a href="#">FG28X5R1H684KRT00</a>	<a href="#">FG28X5R1H684KRT06</a>
X5R	1uF	±10%	50	<a href="#">FG28X5R1H105KRT00</a>	<a href="#">FG28X5R1H105KRT06</a>
X7R	1.5uF	±10%	10	<a href="#">FG28X7R1A155KRT00</a>	<a href="#">FG28X7R1A155KRT06</a>
X7R	2.2uF	±10%	10	<a href="#">FG28X7R1A225KRT00</a>	<a href="#">FG28X7R1A225KRT06</a>
X7R	150nF	±10%	25	<a href="#">FG28X7R1E154KNT00</a>	<a href="#">FG28X7R1E154KNT06</a>
X7R	680nF	±10%	25	<a href="#">FG28X7R1E684KRT00</a>	<a href="#">FG28X7R1E684KRT06</a>
X7R	1uF	±10%	25	<a href="#">FG28X7R1E105KRT00</a>	<a href="#">FG28X7R1E105KRT06</a>
X7R	1nF	±10%	50	<a href="#">FG28X7R1H102KNT00</a>	<a href="#">FG28X7R1H102KNT06</a>
X7R	1.5nF	±10%	50	<a href="#">FG28X7R1H152KNT00</a>	<a href="#">FG28X7R1H152KNT06</a>
X7R	2.2nF	±10%	50	<a href="#">FG28X7R1H222KNT00</a>	<a href="#">FG28X7R1H222KNT06</a>
X7R	3.3nF	±10%	50	<a href="#">FG28X7R1H332KNT00</a>	<a href="#">FG28X7R1H332KNT06</a>
X7R	4.7nF	±10%	50	<a href="#">FG28X7R1H472KNT00</a>	<a href="#">FG28X7R1H472KNT06</a>
X7R	6.8nF	±10%	50	<a href="#">FG28X7R1H682KNT00</a>	<a href="#">FG28X7R1H682KNT06</a>
X7R	10nF	±10%	50	<a href="#">FG28X7R1H103KNT00</a>	<a href="#">FG28X7R1H103KNT06</a>
X7R	15nF	±10%	50	<a href="#">FG28X7R1H153KNT00</a>	<a href="#">FG28X7R1H153KNT06</a>
X7R	22nF	±10%	50	<a href="#">FG28X7R1H223KNT00</a>	<a href="#">FG28X7R1H223KNT06</a>
X7R	33nF	±10%	50	<a href="#">FG28X7R1H333KNT00</a>	<a href="#">FG28X7R1H333KNT06</a>
X7R	47nF	±10%	50	<a href="#">FG28X7R1H473KNT00</a>	<a href="#">FG28X7R1H473KNT06</a>
X7R	68nF	±10%	50	<a href="#">FG28X7R1H683KNT00</a>	<a href="#">FG28X7R1H683KNT06</a>
X7R	100nF	±10%	50	<a href="#">FG28X7R1H104KNT00</a>	<a href="#">FG28X7R1H104KNT06</a>
X7R	150nF	±10%	50	<a href="#">FG28X7R1H154KRT00</a>	<a href="#">FG28X7R1H154KRT06</a>
X7R	220nF	±10%	50	<a href="#">FG28X7R1H224KRT00</a>	<a href="#">FG28X7R1H224KRT06</a>
X7R	330nF	±10%	50	<a href="#">FG28X7R1H334KRT00</a>	<a href="#">FG28X7R1H334KRT06</a>
X7R	470nF	±10%	50	<a href="#">FG28X7R1H474KRT00</a>	<a href="#">FG28X7R1H474KRT06</a>
X7R	1nF	±10%	100	<a href="#">FG28X7R2A102KNT00</a>	<a href="#">FG28X7R2A102KNT06</a>
X7R	1.5nF	±10%	100	<a href="#">FG28X7R2A152KNT00</a>	<a href="#">FG28X7R2A152KNT06</a>
X7R	2.2nF	±10%	100	<a href="#">FG28X7R2A222KNT00</a>	<a href="#">FG28X7R2A222KNT06</a>
X7R	3.3nF	±10%	100	<a href="#">FG28X7R2A332KNT00</a>	<a href="#">FG28X7R2A332KNT06</a>
X7R	4.7nF	±10%	100	<a href="#">FG28X7R2A472KNT00</a>	<a href="#">FG28X7R2A472KNT06</a>
X7R	6.8nF	±10%	100	<a href="#">FG28X7R2A682KNT00</a>	<a href="#">FG28X7R2A682KNT06</a>
X7R	10nF	±10%	100	<a href="#">FG28X7R2A103KNT00</a>	<a href="#">FG28X7R2A103KNT06</a>
X7R	15nF	±10%	100	<a href="#">FG28X7R2A153KNT00</a>	<a href="#">FG28X7R2A153KNT06</a>
X7R	22nF	±10%	100	<a href="#">FG28X7R2A223KNT00</a>	<a href="#">FG28X7R2A223KNT06</a>
X7S	33nF	±10%	100	<a href="#">FG28X7S2A333KRT00</a>	<a href="#">FG28X7S2A333KRT06</a>
X7S	47nF	±10%	100	<a href="#">FG28X7S2A473KRT00</a>	<a href="#">FG28X7S2A473KRT06</a>
X7S	68nF	±10%	100	<a href="#">FG28X7S2A683KRT00</a>	<a href="#">FG28X7S2A683KRT06</a>
X7S	100nF	±10%	100	<a href="#">FG28X7S2A104KRT00</a>	<a href="#">FG28X7S2A104KRT06</a>

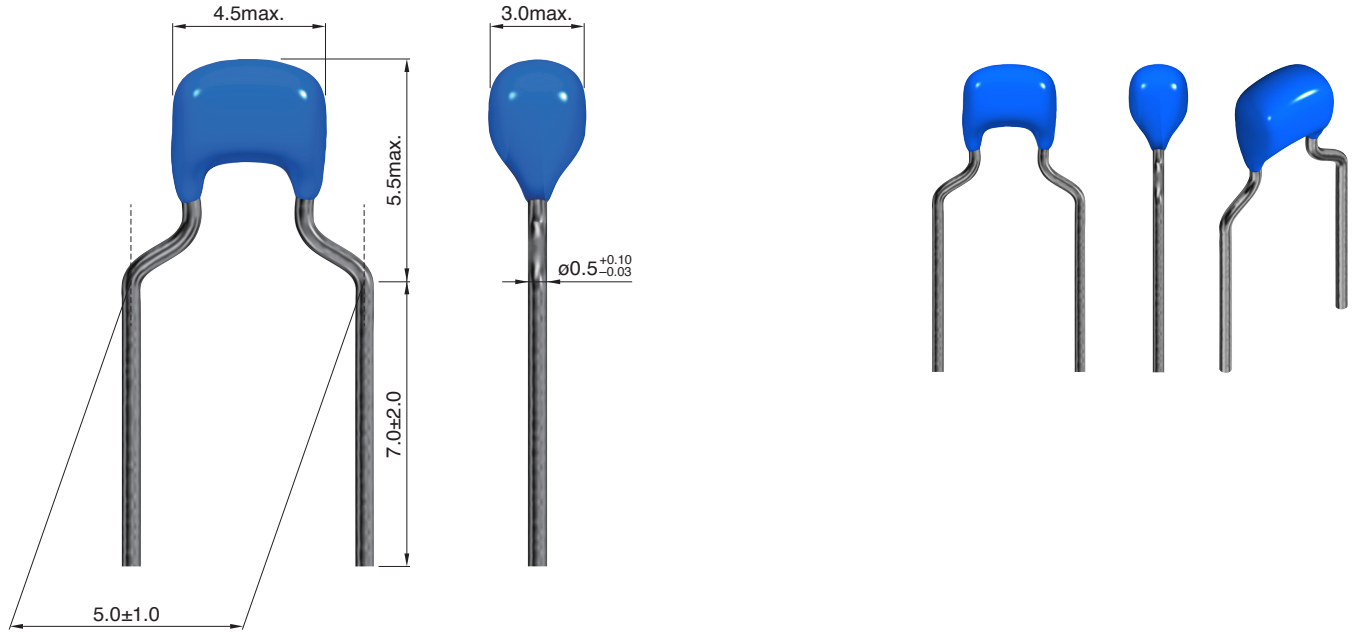
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG24 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm

⚠ 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.

# CAPACITORS

## FG24 type

### ELECTRICAL CHARACTERISTICS

#### CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	15nF	±5%	50	<a href="#">FG24C0G1H153JNT00</a>	<a href="#">FG24C0G1H153JNT06</a>
C0G	22nF	±5%	50	<a href="#">FG24C0G1H223JNT00</a>	<a href="#">FG24C0G1H223JNT06</a>
C0G	33nF	±5%	50	<a href="#">FG24C0G1H333JNT00</a>	<a href="#">FG24C0G1H333JNT06</a>
C0G	3.9nF	±5%	100	<a href="#">FG24C0G2A392JNT00</a>	<a href="#">FG24C0G2A392JNT06</a>
C0G	4.7nF	±5%	100	<a href="#">FG24C0G2A472JNT00</a>	<a href="#">FG24C0G2A472JNT06</a>
C0G	5.6nF	±5%	100	<a href="#">FG24C0G2A562JNT00</a>	<a href="#">FG24C0G2A562JNT06</a>
C0G	6.8nF	±5%	100	<a href="#">FG24C0G2A682JNT00</a>	<a href="#">FG24C0G2A682JNT06</a>
C0G	8.2nF	±5%	100	<a href="#">FG24C0G2A822JNT00</a>	<a href="#">FG24C0G2A822JNT06</a>
C0G	10nF	±5%	100	<a href="#">FG24C0G2A103JNT00</a>	<a href="#">FG24C0G2A103JNT06</a>
C0G	15nF	±5%	100	<a href="#">FG24C0G2A153JRT00</a>	<a href="#">FG24C0G2A153JRT06</a>
C0G	22nF	±5%	100	<a href="#">FG24C0G2A223JRT00</a>	<a href="#">FG24C0G2A223JRT06</a>
C0G	33nF	±5%	100	<a href="#">FG24C0G2A333JRT00</a>	<a href="#">FG24C0G2A333JRT06</a>
C0G	2.7nF	±5%	250	<a href="#">FG24C0G2E272JNT00</a>	<a href="#">FG24C0G2E272JNT06</a>
C0G	3.3nF	±5%	250	<a href="#">FG24C0G2E332JNT00</a>	<a href="#">FG24C0G2E332JNT06</a>
C0G	3.9nF	±5%	250	<a href="#">FG24C0G2E392JNT00</a>	<a href="#">FG24C0G2E392JNT06</a>
C0G	4.7nF	±5%	250	<a href="#">FG24C0G2E472JNT00</a>	<a href="#">FG24C0G2E472JNT06</a>
C0G	5.6nF	±5%	250	<a href="#">FG24C0G2E562JNT00</a>	<a href="#">FG24C0G2E562JNT06</a>
C0G	6.8nF	±5%	250	<a href="#">FG24C0G2E682JNT00</a>	<a href="#">FG24C0G2E682JNT06</a>
C0G	8.2nF	±5%	250	<a href="#">FG24C0G2E822JNT00</a>	<a href="#">FG24C0G2E822JNT06</a>
C0G	10nF	±5%	250	<a href="#">FG24C0G2E103JNT00</a>	<a href="#">FG24C0G2E103JNT06</a>
C0G	100pF	±5%	450	<a href="#">FG24C0G2W101JNT00</a>	<a href="#">FG24C0G2W101JNT06</a>
C0G	120pF	±5%	450	<a href="#">FG24C0G2W121JNT00</a>	<a href="#">FG24C0G2W121JNT06</a>
C0G	150pF	±5%	450	<a href="#">FG24C0G2W151JNT00</a>	<a href="#">FG24C0G2W151JNT06</a>
C0G	180pF	±5%	450	<a href="#">FG24C0G2W181JNT00</a>	<a href="#">FG24C0G2W181JNT06</a>
C0G	220pF	±5%	450	<a href="#">FG24C0G2W221JNT00</a>	<a href="#">FG24C0G2W221JNT06</a>
C0G	270pF	±5%	450	<a href="#">FG24C0G2W271JNT00</a>	<a href="#">FG24C0G2W271JNT06</a>
C0G	330pF	±5%	450	<a href="#">FG24C0G2W331JNT00</a>	<a href="#">FG24C0G2W331JNT06</a>
C0G	390pF	±5%	450	<a href="#">FG24C0G2W391JNT00</a>	<a href="#">FG24C0G2W391JNT06</a>
C0G	470pF	±5%	450	<a href="#">FG24C0G2W471JNT00</a>	<a href="#">FG24C0G2W471JNT06</a>
C0G	560pF	±5%	450	<a href="#">FG24C0G2W561JNT00</a>	<a href="#">FG24C0G2W561JNT06</a>
C0G	680pF	±5%	450	<a href="#">FG24C0G2W681JNT00</a>	<a href="#">FG24C0G2W681JNT06</a>
C0G	820pF	±5%	450	<a href="#">FG24C0G2W821JNT00</a>	<a href="#">FG24C0G2W821JNT06</a>
C0G	1nF	±5%	450	<a href="#">FG24C0G2W102JNT00</a>	<a href="#">FG24C0G2W102JNT06</a>
C0G	1.2nF	±5%	450	<a href="#">FG24C0G2W122JNT00</a>	<a href="#">FG24C0G2W122JNT06</a>
C0G	1.5nF	±5%	450	<a href="#">FG24C0G2W152JNT00</a>	<a href="#">FG24C0G2W152JNT06</a>
C0G	1.8nF	±5%	450	<a href="#">FG24C0G2W182JNT00</a>	<a href="#">FG24C0G2W182JNT06</a>
C0G	2.2nF	±5%	450	<a href="#">FG24C0G2W222JNT00</a>	<a href="#">FG24C0G2W222JNT06</a>
C0G	2.7nF	±5%	450	<a href="#">FG24C0G2W272JNT00</a>	<a href="#">FG24C0G2W272JNT06</a>
C0G	3.3nF	±5%	450	<a href="#">FG24C0G2W332JNT00</a>	<a href="#">FG24C0G2W332JNT06</a>
C0G	3.9nF	±5%	450	<a href="#">FG24C0G2W392JNT00</a>	<a href="#">FG24C0G2W392JNT06</a>
C0G	4.7nF	±5%	450	<a href="#">FG24C0G2W472JNT00</a>	<a href="#">FG24C0G2W472JNT06</a>
C0G	5.6nF	±5%	450	<a href="#">FG24C0G2W562JNT00</a>	<a href="#">FG24C0G2W562JNT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG24 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	15uF	±20%	25	<a href="#">FG24X5R1E156MRT00</a>	<a href="#">FG24X5R1E156MRT06</a>
X5R	3.3uF	±10%	50	<a href="#">FG24X5R1H335KRT00</a>	<a href="#">FG24X5R1H335KRT06</a>
X5R	4.7uF	±10%	50	<a href="#">FG24X5R1H475KRT00</a>	<a href="#">FG24X5R1H475KRT06</a>
X7R	6.8uF	±10%	10	<a href="#">FG24X7R1A685KRT00</a>	<a href="#">FG24X7R1A685KRT06</a>
X7R	10uF	±10%	10	<a href="#">FG24X7R1A106KRT00</a>	<a href="#">FG24X7R1A106KRT06</a>
X7R	680nF	±10%	16	<a href="#">FG24X7R1C684KNT00</a>	<a href="#">FG24X7R1C684KNT06</a>
X7R	470nF	±10%	25	<a href="#">FG24X7R1E474KNT00</a>	<a href="#">FG24X7R1E474KNT06</a>
X7R	3.3uF	±10%	25	<a href="#">FG24X7R1E335KRT00</a>	<a href="#">FG24X7R1E335KRT06</a>
X7R	4.7uF	±10%	25	<a href="#">FG24X7R1E475KRT00</a>	<a href="#">FG24X7R1E475KRT06</a>
X7R	150nF	±10%	50	<a href="#">FG24X7R1H154KNT00</a>	<a href="#">FG24X7R1H154KNT06</a>
X7R	220nF	±10%	50	<a href="#">FG24X7R1H224KNT00</a>	<a href="#">FG24X7R1H224KNT06</a>
X7R	330nF	±10%	50	<a href="#">FG24X7R1H334KNT00</a>	<a href="#">FG24X7R1H334KNT06</a>
X7R	680nF	±10%	50	<a href="#">FG24X7R1H684KRT00</a>	<a href="#">FG24X7R1H684KRT06</a>
X7R	1uF	±10%	50	<a href="#">FG24X7R1H105KRT00</a>	<a href="#">FG24X7R1H105KRT06</a>
X7R	1.5uF	±10%	50	<a href="#">FG24X7R1H155KRT00</a>	<a href="#">FG24X7R1H155KRT06</a>
X7R	2.2uF	±10%	50	<a href="#">FG24X7R1H225KRT00</a>	<a href="#">FG24X7R1H225KRT06</a>
X7R	33nF	±10%	100	<a href="#">FG24X7R2A333KNT00</a>	<a href="#">FG24X7R2A333KNT06</a>
X7R	47nF	±10%	100	<a href="#">FG24X7R2A473KNT00</a>	<a href="#">FG24X7R2A473KNT06</a>
X7R	68nF	±10%	100	<a href="#">FG24X7R2A683KNT00</a>	<a href="#">FG24X7R2A683KNT06</a>
X7R	100nF	±10%	100	<a href="#">FG24X7R2A104KNT00</a>	<a href="#">FG24X7R2A104KNT06</a>
X7R	1nF	±10%	250	<a href="#">FG24X7R2E102KNT00</a>	<a href="#">FG24X7R2E102KNT06</a>
X7R	1.5nF	±10%	250	<a href="#">FG24X7R2E152KNT00</a>	<a href="#">FG24X7R2E152KNT06</a>
X7R	2.2nF	±10%	250	<a href="#">FG24X7R2E222KNT00</a>	<a href="#">FG24X7R2E222KNT06</a>
X7R	3.3nF	±10%	250	<a href="#">FG24X7R2E332KNT00</a>	<a href="#">FG24X7R2E332KNT06</a>
X7R	4.7nF	±10%	250	<a href="#">FG24X7R2E472KNT00</a>	<a href="#">FG24X7R2E472KNT06</a>
X7R	6.8nF	±10%	250	<a href="#">FG24X7R2E682KNT00</a>	<a href="#">FG24X7R2E682KNT06</a>
X7R	10nF	±10%	250	<a href="#">FG24X7R2E103KNT00</a>	<a href="#">FG24X7R2E103KNT06</a>
X7R	15nF	±10%	250	<a href="#">FG24X7R2E153KNT00</a>	<a href="#">FG24X7R2E153KNT06</a>
X7R	22nF	±10%	250	<a href="#">FG24X7R2E223KNT00</a>	<a href="#">FG24X7R2E223KNT06</a>
X7S	150nF	±10%	100	<a href="#">FG24X7S2A154KRT00</a>	<a href="#">FG24X7S2A154KRT06</a>
X7S	220nF	±10%	100	<a href="#">FG24X7S2A224KRT00</a>	<a href="#">FG24X7S2A224KRT06</a>
X7S	330nF	±10%	100	<a href="#">FG24X7S2A334KRT00</a>	<a href="#">FG24X7S2A334KRT06</a>
X7S	470nF	±10%	100	<a href="#">FG24X7S2A474KRT00</a>	<a href="#">FG24X7S2A474KRT06</a>
X7S	680nF	±10%	100	<a href="#">FG24X7S2A684KRT00</a>	<a href="#">FG24X7S2A684KRT06</a>
X7S	1uF	±10%	100	<a href="#">FG24X7S2A105KRT00</a>	<a href="#">FG24X7S2A105KRT06</a>
X7T	33nF	±10%	250	<a href="#">FG24X7T2E333KNT00</a>	<a href="#">FG24X7T2E333KNT06</a>
X7T	47nF	±10%	250	<a href="#">FG24X7T2E473KNT00</a>	<a href="#">FG24X7T2E473KNT06</a>
X7T	68nF	±10%	250	<a href="#">FG24X7T2E683KNT00</a>	<a href="#">FG24X7T2E683KNT06</a>
X7T	100nF	±10%	250	<a href="#">FG24X7T2E104KNT00</a>	<a href="#">FG24X7T2E104KNT06</a>

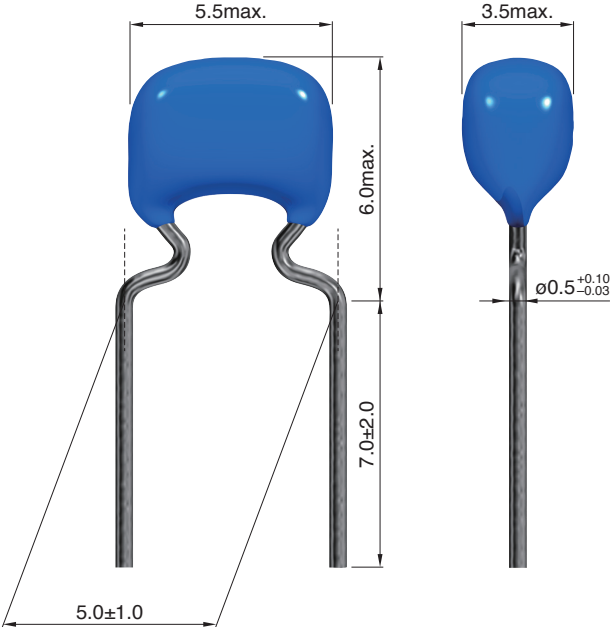
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

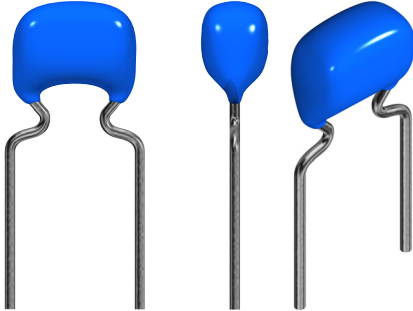
\* The part numbers are TDK's standard specification products.


# FG26 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm



 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.

# FG26 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	47nF	±5%	50	<a href="#">FG26C0G1H473JNT00</a>	<a href="#">FG26C0G1H473JNT06</a>
C0G	68nF	±5%	50	<a href="#">FG26C0G1H683JNT00</a>	<a href="#">FG26C0G1H683JNT06</a>
C0G	100nF	±5%	50	<a href="#">FG26C0G1H104JNT00</a>	<a href="#">FG26C0G1H104JNT06</a>
C0G	15nF	±5%	100	<a href="#">FG26C0G2A153JNT00</a>	<a href="#">FG26C0G2A153JNT06</a>
C0G	22nF	±5%	100	<a href="#">FG26C0G2A223JNT00</a>	<a href="#">FG26C0G2A223JNT06</a>
C0G	33nF	±5%	100	<a href="#">FG26C0G2A333JNT00</a>	<a href="#">FG26C0G2A333JNT06</a>
C0G	47nF	±5%	100	<a href="#">FG26C0G2A473JRT00</a>	<a href="#">FG26C0G2A473JRT06</a>
C0G	68nF	±5%	100	<a href="#">FG26C0G2A683JRT00</a>	<a href="#">FG26C0G2A683JRT06</a>
C0G	100nF	±5%	100	<a href="#">FG26C0G2A104JRT00</a>	<a href="#">FG26C0G2A104JRT06</a>
C0G	15nF	±5%	250	<a href="#">FG26C0G2E153JNT00</a>	<a href="#">FG26C0G2E153JNT06</a>
C0G	22nF	±5%	250	<a href="#">FG26C0G2E223JNT00</a>	<a href="#">FG26C0G2E223JNT06</a>
C0G	6.8nF	±5%	450	<a href="#">FG26C0G2W682JNT00</a>	<a href="#">FG26C0G2W682JNT06</a>
C0G	8.2nF	±5%	450	<a href="#">FG26C0G2W822JNT00</a>	<a href="#">FG26C0G2W822JNT06</a>
C0G	10nF	±5%	450	<a href="#">FG26C0G2W103JNT00</a>	<a href="#">FG26C0G2W103JNT06</a>
C0G	15nF	±5%	450	<a href="#">FG26C0G2W153JNT00</a>	<a href="#">FG26C0G2W153JNT06</a>
C0G	100pF	±5%	630	<a href="#">FG26C0G2J101JNT00</a>	<a href="#">FG26C0G2J101JNT06</a>
C0G	120pF	±5%	630	<a href="#">FG26C0G2J121JNT00</a>	<a href="#">FG26C0G2J121JNT06</a>
C0G	150pF	±5%	630	<a href="#">FG26C0G2J151JNT00</a>	<a href="#">FG26C0G2J151JNT06</a>
C0G	180pF	±5%	630	<a href="#">FG26C0G2J181JNT00</a>	<a href="#">FG26C0G2J181JNT06</a>
C0G	220pF	±5%	630	<a href="#">FG26C0G2J221JNT00</a>	<a href="#">FG26C0G2J221JNT06</a>
C0G	270pF	±5%	630	<a href="#">FG26C0G2J271JNT00</a>	<a href="#">FG26C0G2J271JNT06</a>
C0G	330pF	±5%	630	<a href="#">FG26C0G2J331JNT00</a>	<a href="#">FG26C0G2J331JNT06</a>
C0G	390pF	±5%	630	<a href="#">FG26C0G2J391JNT00</a>	<a href="#">FG26C0G2J391JNT06</a>
C0G	470pF	±5%	630	<a href="#">FG26C0G2J471JNT00</a>	<a href="#">FG26C0G2J471JNT06</a>
C0G	560pF	±5%	630	<a href="#">FG26C0G2J561JNT00</a>	<a href="#">FG26C0G2J561JNT06</a>
C0G	680pF	±5%	630	<a href="#">FG26C0G2J681JNT00</a>	<a href="#">FG26C0G2J681JNT06</a>
C0G	820pF	±5%	630	<a href="#">FG26C0G2J821JNT00</a>	<a href="#">FG26C0G2J821JNT06</a>
C0G	1nF	±5%	630	<a href="#">FG26C0G2J102JNT00</a>	<a href="#">FG26C0G2J102JNT06</a>
C0G	1.2nF	±5%	630	<a href="#">FG26C0G2J122JNT00</a>	<a href="#">FG26C0G2J122JNT06</a>
C0G	1.5nF	±5%	630	<a href="#">FG26C0G2J152JNT00</a>	<a href="#">FG26C0G2J152JNT06</a>
C0G	1.8nF	±5%	630	<a href="#">FG26C0G2J182JNT00</a>	<a href="#">FG26C0G2J182JNT06</a>
C0G	2.2nF	±5%	630	<a href="#">FG26C0G2J222JNT00</a>	<a href="#">FG26C0G2J222JNT06</a>
C0G	2.7nF	±5%	630	<a href="#">FG26C0G2J272JNT00</a>	<a href="#">FG26C0G2J272JNT06</a>
C0G	3.3nF	±5%	630	<a href="#">FG26C0G2J332JNT00</a>	<a href="#">FG26C0G2J332JNT06</a>
C0G	3.9nF	±5%	630	<a href="#">FG26C0G2J392JNT00</a>	<a href="#">FG26C0G2J392JNT06</a>
C0G	4.7nF	±5%	630	<a href="#">FG26C0G2J472JNT00</a>	<a href="#">FG26C0G2J472JNT06</a>
C0G	5.6nF	±5%	630	<a href="#">FG26C0G2J562JNT00</a>	<a href="#">FG26C0G2J562JNT06</a>
C0G	6.8nF	±5%	630	<a href="#">FG26C0G2J682JNT00</a>	<a href="#">FG26C0G2J682JNT06</a>
C0G	8.2nF	±5%	630	<a href="#">FG26C0G2J822JNT00</a>	<a href="#">FG26C0G2J822JNT06</a>
C0G	10nF	±5%	630	<a href="#">FG26C0G2J103JNT00</a>	<a href="#">FG26C0G2J103JNT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.



# FG26 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	33uF	±20%	25	<a href="#">FG26X5R1E336MRT00</a>	<a href="#">FG26X5R1E336MRT06</a>
X5R	6.8uF	±10%	50	<a href="#">FG26X5R1H685KRT00</a>	<a href="#">FG26X5R1H685KRT06</a>
X5R	10uF	±10%	50	<a href="#">FG26X5R1H106KRT00</a>	<a href="#">FG26X5R1H106KRT06</a>
X7R	1uF	±10%	25	<a href="#">FG26X7R1E105KNT00</a>	<a href="#">FG26X7R1E105KNT06</a>
X7R	1.5uF	±10%	25	<a href="#">FG26X7R1E155KNT00</a>	<a href="#">FG26X7R1E155KNT06</a>
X7R	2.2uF	±10%	25	<a href="#">FG26X7R1E225KNT00</a>	<a href="#">FG26X7R1E225KNT06</a>
X7R	6.8uF	±10%	25	<a href="#">FG26X7R1E685KRT00</a>	<a href="#">FG26X7R1E685KRT06</a>
X7R	10uF	±10%	25	<a href="#">FG26X7R1E106KRT00</a>	<a href="#">FG26X7R1E106KRT06</a>
X7R	470nF	±10%	50	<a href="#">FG26X7R1H474KNT00</a>	<a href="#">FG26X7R1H474KNT06</a>
X7R	680nF	±10%	50	<a href="#">FG26X7R1H684KNT00</a>	<a href="#">FG26X7R1H684KNT06</a>
X7R	3.3uF	±10%	50	<a href="#">FG26X7R1H335KRT00</a>	<a href="#">FG26X7R1H335KRT06</a>
X7R	4.7uF	±10%	50	<a href="#">FG26X7R1H475KRT00</a>	<a href="#">FG26X7R1H475KRT06</a>
X7R	150nF	±10%	100	<a href="#">FG26X7R2A154KNT00</a>	<a href="#">FG26X7R2A154KNT06</a>
X7R	220nF	±10%	100	<a href="#">FG26X7R2A224KNT00</a>	<a href="#">FG26X7R2A224KNT06</a>
X7R	330nF	±10%	100	<a href="#">FG26X7R2A334KNT00</a>	<a href="#">FG26X7R2A334KNT06</a>
X7R	470nF	±10%	100	<a href="#">FG26X7R2A474KNT00</a>	<a href="#">FG26X7R2A474KNT06</a>
X7R	680nF	±10%	100	<a href="#">FG26X7R2A684KNT00</a>	<a href="#">FG26X7R2A684KNT06</a>
X7R	1uF	±10%	100	<a href="#">FG26X7R2A105KNT00</a>	<a href="#">FG26X7R2A105KNT06</a>
X7R	33nF	±10%	250	<a href="#">FG26X7R2E333KNT00</a>	<a href="#">FG26X7R2E333KNT06</a>
X7R	47nF	±10%	250	<a href="#">FG26X7R2E473KNT00</a>	<a href="#">FG26X7R2E473KNT06</a>
X7R	68nF	±10%	250	<a href="#">FG26X7R2E683KNT00</a>	<a href="#">FG26X7R2E683KNT06</a>
X7R	100nF	±10%	250	<a href="#">FG26X7R2E104KNT00</a>	<a href="#">FG26X7R2E104KNT06</a>
X7R	1nF	±10%	630	<a href="#">FG26X7R2J102KNT00</a>	<a href="#">FG26X7R2J102KNT06</a>
X7R	1.5nF	±10%	630	<a href="#">FG26X7R2J152KNT00</a>	<a href="#">FG26X7R2J152KNT06</a>
X7R	2.2nF	±10%	630	<a href="#">FG26X7R2J222KNT00</a>	<a href="#">FG26X7R2J222KNT06</a>
X7R	3.3nF	±10%	630	<a href="#">FG26X7R2J332KNT00</a>	<a href="#">FG26X7R2J332KNT06</a>
X7R	4.7nF	±10%	630	<a href="#">FG26X7R2J472KNT00</a>	<a href="#">FG26X7R2J472KNT06</a>
X7R	6.8nF	±10%	630	<a href="#">FG26X7R2J682KNT00</a>	<a href="#">FG26X7R2J682KNT06</a>
X7R	10nF	±10%	630	<a href="#">FG26X7R2J103KNT00</a>	<a href="#">FG26X7R2J103KNT06</a>
X7R	15nF	±10%	630	<a href="#">FG26X7R2J153KNT00</a>	<a href="#">FG26X7R2J153KNT06</a>
X7R	22nF	±10%	630	<a href="#">FG26X7R2J223KNT00</a>	<a href="#">FG26X7R2J223KNT06</a>
X7R	33nF	±10%	630	<a href="#">FG26X7R2J333KNT00</a>	<a href="#">FG26X7R2J333KNT06</a>
X7S	1.5uF	±10%	100	<a href="#">FG26X7S2A155KRT00</a>	<a href="#">FG26X7S2A155KRT06</a>
X7S	2.2uF	±10%	100	<a href="#">FG26X7S2A225KRT00</a>	<a href="#">FG26X7S2A225KRT06</a>
X7S	3.3uF	±10%	100	<a href="#">FG26X7S2A335KRT00</a>	<a href="#">FG26X7S2A335KRT06</a>
X7T	150nF	±10%	250	<a href="#">FG26X7T2E154KNT00</a>	<a href="#">FG26X7T2E154KNT06</a>
X7T	220nF	±10%	250	<a href="#">FG26X7T2E224KNT00</a>	<a href="#">FG26X7T2E224KNT06</a>

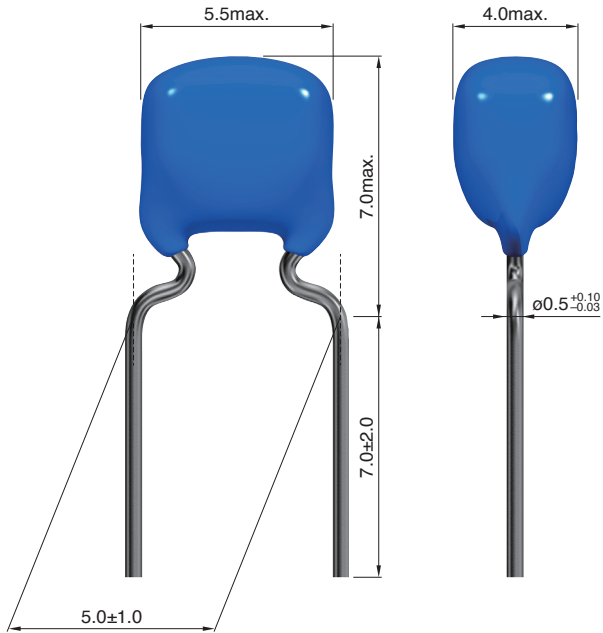
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

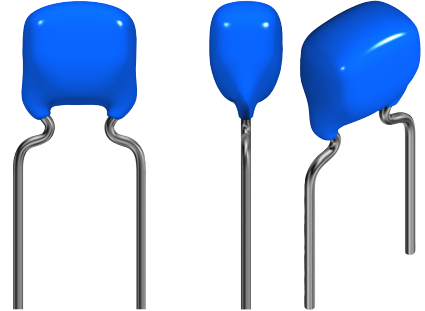
\* The part numbers are TDK's standard specification products.

# FG20 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm



⚠ 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.

# FG20 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	47nF	±5%	100	<a href="#">FG20C0G2A473JNT00</a>	<a href="#">FG20C0G2A473JNT06</a>
C0G	68nF	±5%	100	<a href="#">FG20C0G2A683JNT00</a>	<a href="#">FG20C0G2A683JNT06</a>
C0G	33nF	±5%	250	<a href="#">FG20C0G2E333JNT00</a>	<a href="#">FG20C0G2E333JNT06</a>
C0G	47nF	±5%	250	<a href="#">FG20C0G2E473JNT00</a>	<a href="#">FG20C0G2E473JNT06</a>
C0G	22nF	±5%	450	<a href="#">FG20C0G2W223JNT00</a>	<a href="#">FG20C0G2W223JNT06</a>
C0G	33nF	±5%	450	<a href="#">FG20C0G2W333JNT00</a>	<a href="#">FG20C0G2W333JNT06</a>
C0G	15nF	±5%	630	<a href="#">FG20C0G2J153JNT00</a>	<a href="#">FG20C0G2J153JNT06</a>
C0G	22nF	±5%	630	<a href="#">FG20C0G2J223JNT00</a>	<a href="#">FG20C0G2J223JNT06</a>
C0G	33nF	±5%	630	<a href="#">FG20C0G2J333JNT00</a>	<a href="#">FG20C0G2J333JNT06</a>

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X7R	15uF	±20%	16	<a href="#">FG20X7R1C156MRT00</a>	<a href="#">FG20X7R1C156MRT06</a>
X7R	22uF	±20%	16	<a href="#">FG20X7R1C226MRT00</a>	<a href="#">FG20X7R1C226MRT06</a>
X7R	3.3uF	±10%	25	<a href="#">FG20X7R1E335KNT00</a>	<a href="#">FG20X7R1E335KNT06</a>
X7R	4.7uF	±10%	25	<a href="#">FG20X7R1E475KNT00</a>	<a href="#">FG20X7R1E475KNT06</a>
X7R	1uF	±10%	50	<a href="#">FG20X7R1H105KNT00</a>	<a href="#">FG20X7R1H105KNT06</a>
X7R	1.5uF	±10%	50	<a href="#">FG20X7R1H155KNT00</a>	<a href="#">FG20X7R1H155KNT06</a>
X7R	10uF	±10%	50	<a href="#">FG20X7R1H106KRT00</a>	<a href="#">FG20X7R1H106KRT06</a>
X7R	1.5uF	±10%	100	<a href="#">FG20X7R2A155KRT00</a>	<a href="#">FG20X7R2A155KRT06</a>
X7R	2.2uF	±10%	100	<a href="#">FG20X7R2A225KRT00</a>	<a href="#">FG20X7R2A225KRT06</a>
X7R	150nF	±10%	250	<a href="#">FG20X7R2E154KNT00</a>	<a href="#">FG20X7R2E154KNT06</a>
X7R	220nF	±10%	250	<a href="#">FG20X7R2E224KNT00</a>	<a href="#">FG20X7R2E224KNT06</a>
X7R	47nF	±10%	630	<a href="#">FG20X7R2J473KNT00</a>	<a href="#">FG20X7R2J473KNT06</a>
X7R	68nF	±10%	630	<a href="#">FG20X7R2J683KNT00</a>	<a href="#">FG20X7R2J683KNT06</a>
X7S	6.8uF	±10%	50	<a href="#">FG20X7S1H685KRT00</a>	<a href="#">FG20X7S1H685KRT06</a>
X7S	10uF	±10%	50	<a href="#">FG20X7S1H106KRT00</a>	<a href="#">FG20X7S1H106KRT06</a>
X7S	4.7uF	±10%	100	<a href="#">FG20X7S2A475KRT00</a>	<a href="#">FG20X7S2A475KRT06</a>
X7T	330nF	±10%	250	<a href="#">FG20X7T2E334KNT00</a>	<a href="#">FG20X7T2E334KNT06</a>

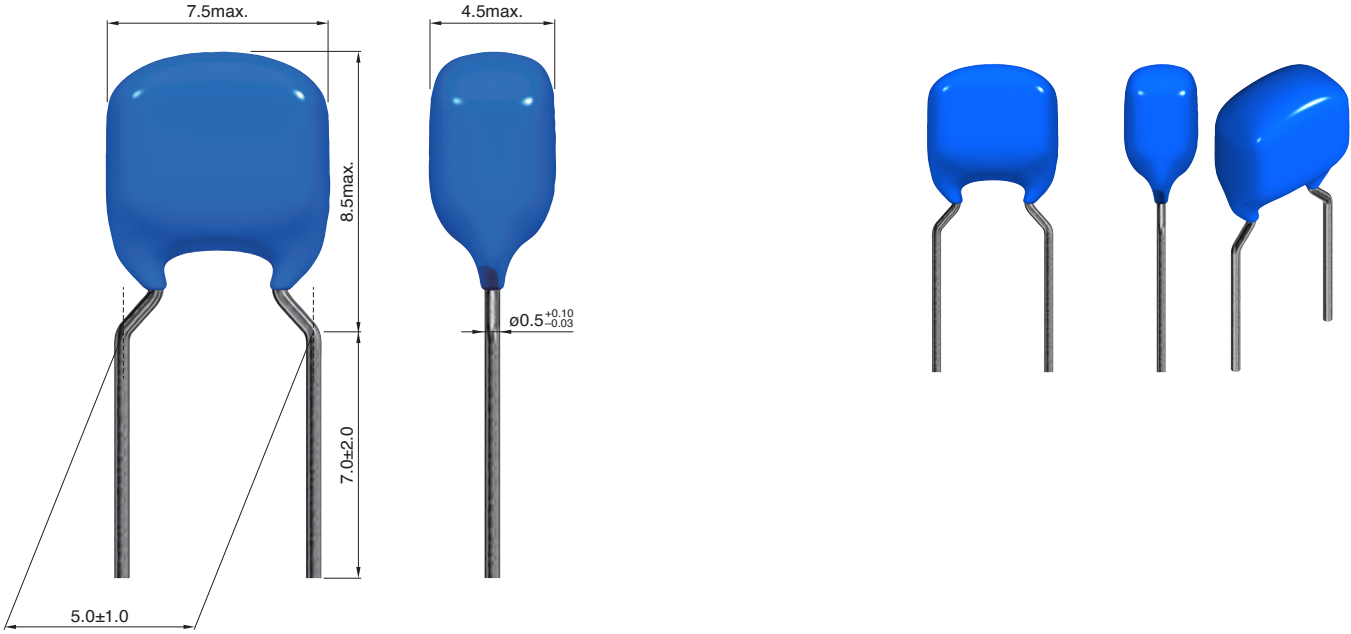
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG22 type

## ■ SHAPE & DIMENSIONS



⚠ 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.

# FG22 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	150nF	±5%	50	<a href="#">FG22C0G1H154JNT00</a>	<a href="#">FG22C0G1H154JNT06</a>
C0G	220nF	±5%	50	<a href="#">FG22C0G1H224JNT00</a>	<a href="#">FG22C0G1H224JNT06</a>
C0G	100nF	±5%	100	<a href="#">FG22C0G2A104JNT00</a>	<a href="#">FG22C0G2A104JNT06</a>
C0G	68nF	±5%	250	<a href="#">FG22C0G2E683JRT00</a>	<a href="#">FG22C0G2E683JRT06</a>
C0G	100nF	±5%	250	<a href="#">FG22C0G2E104JRT00</a>	<a href="#">FG22C0G2E104JRT06</a>
C0G	47nF	±5%	450	<a href="#">FG22C0G2W473JNT00</a>	<a href="#">FG22C0G2W473JNT06</a>
C0G	68nF	±5%	450	<a href="#">FG22C0G2W683JNT00</a>	<a href="#">FG22C0G2W683JNT06</a>
C0G	47nF	±5%	630	<a href="#">FG22C0G2J473JNT00</a>	<a href="#">FG22C0G2J473JNT06</a>

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	47µF	±20%	10	<a href="#">FG22X5R1A476MNT00</a>	<a href="#">FG22X5R1A476MNT06</a>
X5R	33µF	±20%	16	<a href="#">FG22X5R1C336MNT00</a>	<a href="#">FG22X5R1C336MNT06</a>
X7R	33µF	±20%	16	<a href="#">FG22X7R1C336MRT00</a>	<a href="#">FG22X7R1C336MRT06</a>
X7R	10µF	±10%	25	<a href="#">FG22X7R1E106KNT00</a>	<a href="#">FG22X7R1E106KNT06</a>
X7R	15µF	±20%	25	<a href="#">FG22X7R1E156MRT00</a>	<a href="#">FG22X7R1E156MRT06</a>
X7R	22µF	±20%	25	<a href="#">FG22X7R1E226MRT00</a>	<a href="#">FG22X7R1E226MRT06</a>
X7R	2.2µF	±10%	50	<a href="#">FG22X7R1H225KNT00</a>	<a href="#">FG22X7R1H225KNT06</a>
X7R	3.3µF	±10%	50	<a href="#">FG22X7R1H335KNT00</a>	<a href="#">FG22X7R1H335KNT06</a>
X7R	6.8µF	±10%	50	<a href="#">FG22X7R1H685KRT00</a>	<a href="#">FG22X7R1H685KRT06</a>
X7R	1.5µF	±10%	100	<a href="#">FG22X7R2A155KNT00</a>	<a href="#">FG22X7R2A155KNT06</a>
X7R	2.2µF	±10%	100	<a href="#">FG22X7R2A225KNT00</a>	<a href="#">FG22X7R2A225KNT06</a>
X7R	330nF	±10%	250	<a href="#">FG22X7R2E334KNT00</a>	<a href="#">FG22X7R2E334KNT06</a>
X7R	470nF	±10%	250	<a href="#">FG22X7R2E474KNT00</a>	<a href="#">FG22X7R2E474KNT06</a>
X7R	100nF	±10%	630	<a href="#">FG22X7R2J104KNT00</a>	<a href="#">FG22X7R2J104KNT06</a>
X7T	680nF	±10%	250	<a href="#">FG22X7T2E684KNT00</a>	<a href="#">FG22X7T2E684KNT06</a>
X7T	1µF	±10%	250	<a href="#">FG22X7T2E105KNT00</a>	<a href="#">FG22X7T2E105KNT06</a>

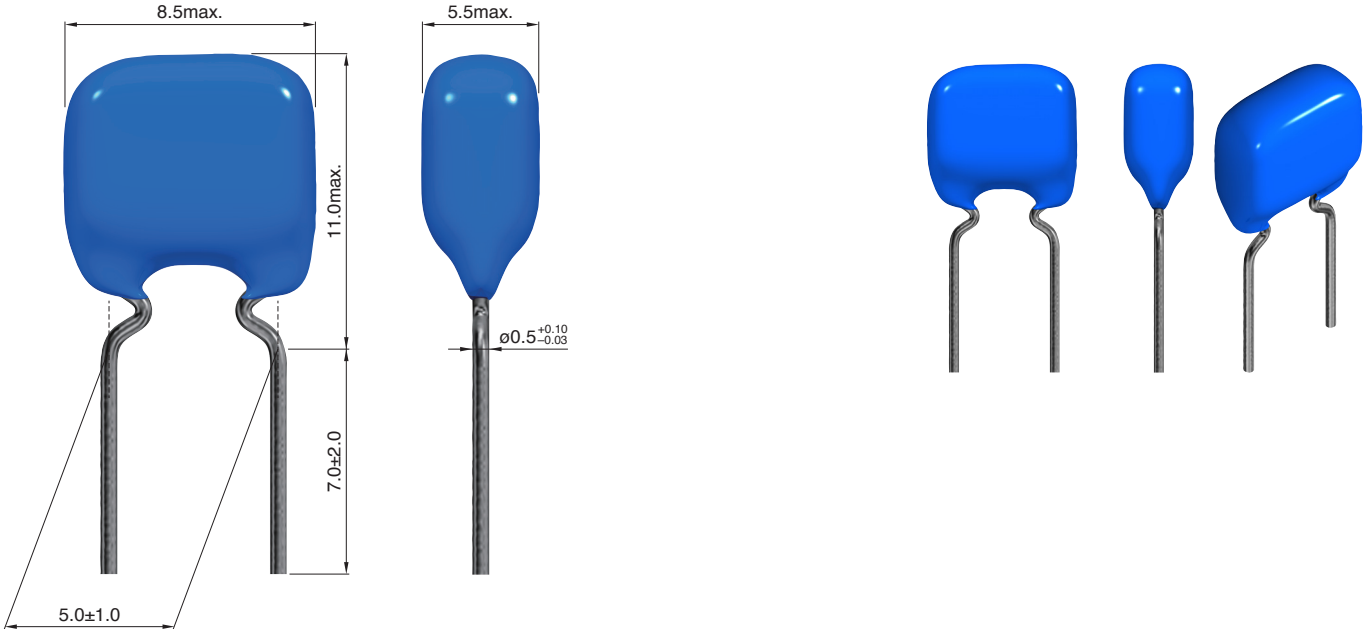
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG23 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm

⚠ 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.

# FG23 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	150nF	±5%	100	<a href="#">FG23C0G2A154JNT00</a>	<a href="#">FG23C0G2A154JNT06</a>
C0G	150nF	±5%	250	<a href="#">FG23C0G2E154JRT00</a>	<a href="#">FG23C0G2E154JRT06</a>
C0G	100nF	±5%	450	<a href="#">FG23C0G2W104JNT00</a>	<a href="#">FG23C0G2W104JNT06</a>
C0G	68nF	±5%	630	<a href="#">FG23C0G2J683JRT00</a>	<a href="#">FG23C0G2J683JRT06</a>
C0G	100nF	±5%	630	<a href="#">FG23C0G2J104JRT00</a>	<a href="#">FG23C0G2J104JRT06</a>

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X7R	47µF	±20%	16	<a href="#">FG23X7R1C476MRT00</a>	<a href="#">FG23X7R1C476MRT06</a>
X7R	22µF	±20%	25	<a href="#">FG23X7R1E226MNT00</a>	<a href="#">FG23X7R1E226MNT06</a>
X7R	10µF	±10%	50	<a href="#">FG23X7R1H106KRT00</a>	<a href="#">FG23X7R1H106KRT06</a>
X7R	3.3µF	±10%	100	<a href="#">FG23X7R2A335KNT00</a>	<a href="#">FG23X7R2A335KNT06</a>
X7R	4.7µF	±10%	100	<a href="#">FG23X7R2A475KNT00</a>	<a href="#">FG23X7R2A475KNT06</a>
X7R	680nF	±10%	250	<a href="#">FG23X7R2E684KNT00</a>	<a href="#">FG23X7R2E684KNT06</a>
X7R	1µF	±10%	250	<a href="#">FG23X7R2E105KNT00</a>	<a href="#">FG23X7R2E105KNT06</a>
X7R	150nF	±10%	630	<a href="#">FG23X7R2J154KNT00</a>	<a href="#">FG23X7R2J154KNT06</a>
X7R	220nF	±10%	630	<a href="#">FG23X7R2J224KNT00</a>	<a href="#">FG23X7R2J224KNT06</a>
X7S	6.8µF	±10%	100	<a href="#">FG23X7S2A685KRT00</a>	<a href="#">FG23X7S2A685KRT06</a>
X7S	10µF	±10%	100	<a href="#">FG23X7S2A106KRT00</a>	<a href="#">FG23X7S2A106KRT06</a>
X7S	15µF	±20%	100	<a href="#">FG23X7S2A156MRT00</a>	<a href="#">FG23X7S2A156MRT06</a>
X7T	1.5µF	±10%	250	<a href="#">FG23X7T2E155KNT00</a>	<a href="#">FG23X7T2E155KNT06</a>
X7T	2.2µF	±10%	250	<a href="#">FG23X7T2E225KNT00</a>	<a href="#">FG23X7T2E225KNT06</a>

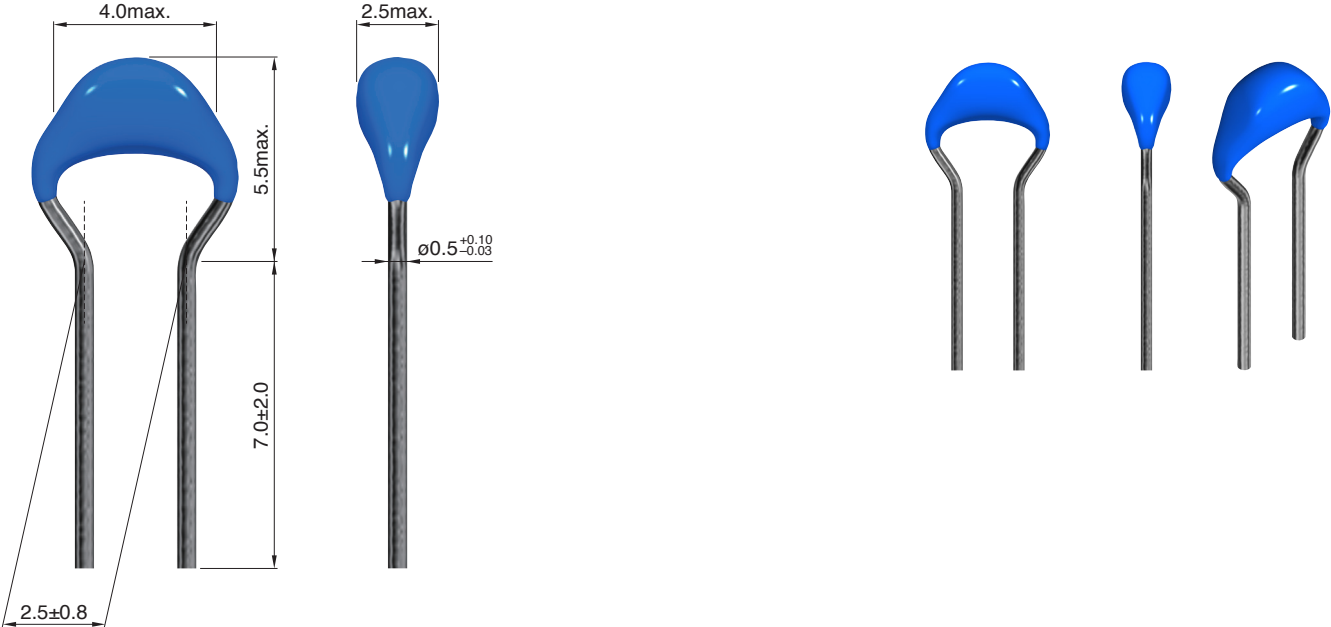
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.


\* The part numbers are TDK's standard specification products.

# FG18 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm

 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.



# FG18 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	1.0pF	±0.25pF	50	FG18C0G1H010CNT00	FG18C0G1H010CNT06
C0G	1.5pF	±0.25pF	50	FG18C0G1H1R5CNT00	FG18C0G1H1R5CNT06
C0G	2.0pF	±0.25pF	50	FG18C0G1H020CNT00	FG18C0G1H020CNT06
C0G	2.2pF	±0.25pF	50	FG18C0G1H2R2CNT00	FG18C0G1H2R2CNT06
C0G	3.0pF	±0.25pF	50	FG18C0G1H030CNT00	FG18C0G1H030CNT06
C0G	3.3pF	±0.25pF	50	FG18C0G1H3R3CNT00	FG18C0G1H3R3CNT06
C0G	4.0pF	±0.25pF	50	FG18C0G1H040CNT00	FG18C0G1H040CNT06
C0G	4.7pF	±0.25pF	50	FG18C0G1H4R7CNT00	FG18C0G1H4R7CNT06
C0G	5.0pF	±0.25pF	50	FG18C0G1H050CNT00	FG18C0G1H050CNT06
C0G	6.0pF	±0.5pF	50	FG18C0G1H060DNT00	FG18C0G1H060DNT06
C0G	6.8pF	±0.5pF	50	FG18C0G1H6R8DNT00	FG18C0G1H6R8DNT06
C0G	7.0pF	±0.5pF	50	FG18C0G1H070DNT00	FG18C0G1H070DNT06
C0G	8.0pF	±0.5pF	50	FG18C0G1H080DNT00	FG18C0G1H080DNT06
C0G	9.0pF	±0.5pF	50	FG18C0G1H090DNT00	FG18C0G1H090DNT06
C0G	10pF	±0.5pF	50	<a href="#">FG18C0G1H100DNT00</a>	<a href="#">FG18C0G1H100DNT06</a>
C0G	12pF	±5%	50	FG18C0G1H120JNT00	FG18C0G1H120JNT06
C0G	15pF	±5%	50	FG18C0G1H150JNT00	FG18C0G1H150JNT06
C0G	18pF	±5%	50	FG18C0G1H180JNT00	FG18C0G1H180JNT06
C0G	22pF	±5%	50	<a href="#">FG18C0G1H220JNT00</a>	<a href="#">FG18C0G1H220JNT06</a>
C0G	27pF	±5%	50	FG18C0G1H270JNT00	FG18C0G1H270JNT06
C0G	33pF	±5%	50	FG18C0G1H330JNT00	FG18C0G1H330JNT06
C0G	39pF	±5%	50	FG18C0G1H390JNT00	FG18C0G1H390JNT06
C0G	47pF	±5%	50	<a href="#">FG18C0G1H470JNT00</a>	<a href="#">FG18C0G1H470JNT06</a>
C0G	56pF	±5%	50	FG18C0G1H560JNT00	FG18C0G1H560JNT06
C0G	68pF	±5%	50	FG18C0G1H680JNT00	FG18C0G1H680JNT06
C0G	82pF	±5%	50	FG18C0G1H820JNT00	FG18C0G1H820JNT06
C0G	100pF	±5%	50	<a href="#">FG18C0G1H101JNT00</a>	<a href="#">FG18C0G1H101JNT06</a>
C0G	120pF	±5%	50	FG18C0G1H121JNT00	FG18C0G1H121JNT06
C0G	150pF	±5%	50	FG18C0G1H151JNT00	FG18C0G1H151JNT06
C0G	180pF	±5%	50	FG18C0G1H181JNT00	FG18C0G1H181JNT06
C0G	220pF	±5%	50	<a href="#">FG18C0G1H221JNT00</a>	<a href="#">FG18C0G1H221JNT06</a>
C0G	270pF	±5%	50	FG18C0G1H271JNT00	FG18C0G1H271JNT06
C0G	330pF	±5%	50	FG18C0G1H331JNT00	FG18C0G1H331JNT06
C0G	390pF	±5%	50	FG18C0G1H391JNT00	FG18C0G1H391JNT06
C0G	470pF	±5%	50	<a href="#">FG18C0G1H471JNT00</a>	<a href="#">FG18C0G1H471JNT06</a>
C0G	560pF	±5%	50	FG18C0G1H561JNT00	FG18C0G1H561JNT06
C0G	680pF	±5%	50	FG18C0G1H681JNT00	FG18C0G1H681JNT06
C0G	820pF	±5%	50	FG18C0G1H821JNT00	FG18C0G1H821JNT06
C0G	1nF	±5%	50	<a href="#">FG18C0G1H102JNT00</a>	<a href="#">FG18C0G1H102JNT06</a>
C0G	1.2nF	±5%	50	FG18C0G1H122JNT00	FG18C0G1H122JNT06
C0G	1.5nF	±5%	50	<a href="#">FG18C0G1H152JNT00</a>	<a href="#">FG18C0G1H152JNT06</a>
C0G	1.8nF	±5%	50	FG18C0G1H182JNT00	FG18C0G1H182JNT06
C0G	2.2nF	±5%	50	<a href="#">FG18C0G1H222JNT00</a>	<a href="#">FG18C0G1H222JNT06</a>
C0G	2.7nF	±5%	50	FG18C0G1H272JNT00	FG18C0G1H272JNT06
C0G	3.3nF	±5%	50	<a href="#">FG18C0G1H332JNT00</a>	<a href="#">FG18C0G1H332JNT06</a>
C0G	3.9nF	±5%	50	FG18C0G1H392JNT00	FG18C0G1H392JNT06
C0G	4.7nF	±5%	50	<a href="#">FG18C0G1H472JNT00</a>	<a href="#">FG18C0G1H472JNT06</a>
C0G	5.6nF	±5%	50	FG18C0G1H562JNT00	FG18C0G1H562JNT06
C0G	6.8nF	±5%	50	<a href="#">FG18C0G1H682JNT00</a>	<a href="#">FG18C0G1H682JNT06</a>
C0G	8.2nF	±5%	50	FG18C0G1H822JNT00	FG18C0G1H822JNT06

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG18 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	10nF	±5%	50	<a href="#">FG18C0G1H103JNT00</a>	<a href="#">FG18C0G1H103JNT06</a>
C0G	1.0pF	±0.25pF	100	<a href="#">FG18C0G2A010CNT00</a>	<a href="#">FG18C0G2A010CNT06</a>
C0G	1.5pF	±0.25pF	100	<a href="#">FG18C0G2A1R5CNT00</a>	<a href="#">FG18C0G2A1R5CNT06</a>
C0G	2.0pF	±0.25pF	100	<a href="#">FG18C0G2A020CNT00</a>	<a href="#">FG18C0G2A020CNT06</a>
C0G	2.2pF	±0.25pF	100	<a href="#">FG18C0G2A2R2CNT00</a>	<a href="#">FG18C0G2A2R2CNT06</a>
C0G	3.0pF	±0.25pF	100	<a href="#">FG18C0G2A030CNT00</a>	<a href="#">FG18C0G2A030CNT06</a>
C0G	3.3pF	±0.25pF	100	<a href="#">FG18C0G2A3R3CNT00</a>	<a href="#">FG18C0G2A3R3CNT06</a>
C0G	4.0pF	±0.25pF	100	<a href="#">FG18C0G2A040CNT00</a>	<a href="#">FG18C0G2A040CNT06</a>
C0G	4.7pF	±0.25pF	100	<a href="#">FG18C0G2A4R7CNT00</a>	<a href="#">FG18C0G2A4R7CNT06</a>
C0G	5.0pF	±0.25pF	100	<a href="#">FG18C0G2A050CNT00</a>	<a href="#">FG18C0G2A050CNT06</a>
C0G	6.0pF	±0.5pF	100	<a href="#">FG18C0G2A060DNT00</a>	<a href="#">FG18C0G2A060DNT06</a>
C0G	6.8pF	±0.5pF	100	<a href="#">FG18C0G2A6R8DNT00</a>	<a href="#">FG18C0G2A6R8DNT06</a>
C0G	7.0pF	±0.5pF	100	<a href="#">FG18C0G2A070DNT00</a>	<a href="#">FG18C0G2A070DNT06</a>
C0G	8.0pF	±0.5pF	100	<a href="#">FG18C0G2A080DNT00</a>	<a href="#">FG18C0G2A080DNT06</a>
C0G	9.0pF	±0.5pF	100	<a href="#">FG18C0G2A090DNT00</a>	<a href="#">FG18C0G2A090DNT06</a>
C0G	10pF	±0.5pF	100	<a href="#">FG18C0G2A100DNT00</a>	<a href="#">FG18C0G2A100DNT06</a>
C0G	12pF	±5%	100	<a href="#">FG18C0G2A120JNT00</a>	<a href="#">FG18C0G2A120JNT06</a>
C0G	15pF	±5%	100	<a href="#">FG18C0G2A150JNT00</a>	<a href="#">FG18C0G2A150JNT06</a>
C0G	18pF	±5%	100	<a href="#">FG18C0G2A180JNT00</a>	<a href="#">FG18C0G2A180JNT06</a>
C0G	22pF	±5%	100	<a href="#">FG18C0G2A220JNT00</a>	<a href="#">FG18C0G2A220JNT06</a>
C0G	27pF	±5%	100	<a href="#">FG18C0G2A270JNT00</a>	<a href="#">FG18C0G2A270JNT06</a>
C0G	33pF	±5%	100	<a href="#">FG18C0G2A330JNT00</a>	<a href="#">FG18C0G2A330JNT06</a>
C0G	39pF	±5%	100	<a href="#">FG18C0G2A390JNT00</a>	<a href="#">FG18C0G2A390JNT06</a>
C0G	47pF	±5%	100	<a href="#">FG18C0G2A470JNT00</a>	<a href="#">FG18C0G2A470JNT06</a>
C0G	56pF	±5%	100	<a href="#">FG18C0G2A560JNT00</a>	<a href="#">FG18C0G2A560JNT06</a>
C0G	68pF	±5%	100	<a href="#">FG18C0G2A680JNT00</a>	<a href="#">FG18C0G2A680JNT06</a>
C0G	82pF	±5%	100	<a href="#">FG18C0G2A820JNT00</a>	<a href="#">FG18C0G2A820JNT06</a>
C0G	100pF	±5%	100	<a href="#">FG18C0G2A101JNT00</a>	<a href="#">FG18C0G2A101JNT06</a>
C0G	120pF	±5%	100	<a href="#">FG18C0G2A121JNT00</a>	<a href="#">FG18C0G2A121JNT06</a>
C0G	150pF	±5%	100	<a href="#">FG18C0G2A151JNT00</a>	<a href="#">FG18C0G2A151JNT06</a>
C0G	180pF	±5%	100	<a href="#">FG18C0G2A181JNT00</a>	<a href="#">FG18C0G2A181JNT06</a>
C0G	220pF	±5%	100	<a href="#">FG18C0G2A221JNT00</a>	<a href="#">FG18C0G2A221JNT06</a>
C0G	270pF	±5%	100	<a href="#">FG18C0G2A271JNT00</a>	<a href="#">FG18C0G2A271JNT06</a>
C0G	330pF	±5%	100	<a href="#">FG18C0G2A331JNT00</a>	<a href="#">FG18C0G2A331JNT06</a>
C0G	390pF	±5%	100	<a href="#">FG18C0G2A391JNT00</a>	<a href="#">FG18C0G2A391JNT06</a>
C0G	470pF	±5%	100	<a href="#">FG18C0G2A471JNT00</a>	<a href="#">FG18C0G2A471JNT06</a>
C0G	560pF	±5%	100	<a href="#">FG18C0G2A561JNT00</a>	<a href="#">FG18C0G2A561JNT06</a>
C0G	680pF	±5%	100	<a href="#">FG18C0G2A681JNT00</a>	<a href="#">FG18C0G2A681JNT06</a>
C0G	820pF	±5%	100	<a href="#">FG18C0G2A821JNT00</a>	<a href="#">FG18C0G2A821JNT06</a>
C0G	1nF	±5%	100	<a href="#">FG18C0G2A102JNT00</a>	<a href="#">FG18C0G2A102JNT06</a>
C0G	1.2nF	±5%	100	<a href="#">FG18C0G2A122JNT00</a>	<a href="#">FG18C0G2A122JNT06</a>
C0G	1.5nF	±5%	100	<a href="#">FG18C0G2A152JNT00</a>	<a href="#">FG18C0G2A152JNT06</a>
C0G	1.8nF	±5%	100	<a href="#">FG18C0G2A182JNT00</a>	<a href="#">FG18C0G2A182JNT06</a>
C0G	2.2nF	±5%	100	<a href="#">FG18C0G2A222JNT00</a>	<a href="#">FG18C0G2A222JNT06</a>
C0G	2.7nF	±5%	100	<a href="#">FG18C0G2A272JNT00</a>	<a href="#">FG18C0G2A272JNT06</a>
C0G	3.3nF	±5%	100	<a href="#">FG18C0G2A332JNT00</a>	<a href="#">FG18C0G2A332JNT06</a>
C0G	3.9nF	±5%	100	<a href="#">FG18C0G2A392JRT00</a>	<a href="#">FG18C0G2A392JRT06</a>
C0G	4.7nF	±5%	100	<a href="#">FG18C0G2A472JRT00</a>	<a href="#">FG18C0G2A472JRT06</a>
C0G	5.6nF	±5%	100	<a href="#">FG18C0G2A562JRT00</a>	<a href="#">FG18C0G2A562JRT06</a>
C0G	6.8nF	±5%	100	<a href="#">FG18C0G2A682JRT00</a>	<a href="#">FG18C0G2A682JRT06</a>
C0G	8.2nF	±5%	100	<a href="#">FG18C0G2A822JRT00</a>	<a href="#">FG18C0G2A822JRT06</a>
C0G	10nF	±5%	100	<a href="#">FG18C0G2A103JRT00</a>	<a href="#">FG18C0G2A103JRT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

# FG18 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	1.5uF	±10%	25	<a href="#">FG18X5R1E155KRT00</a>	<a href="#">FG18X5R1E155KRT06</a>
X5R	2.2uF	±10%	25	<a href="#">FG18X5R1E225KRT00</a>	<a href="#">FG18X5R1E225KRT06</a>
X5R	3.3uF	±10%	25	<a href="#">FG18X5R1E335KRT00</a>	<a href="#">FG18X5R1E335KRT06</a>
X5R	4.7uF	±10%	25	<a href="#">FG18X5R1E475KRT00</a>	<a href="#">FG18X5R1E475KRT06</a>
X5R	6.8uF	±10%	25	<a href="#">FG18X5R1E685KRT00</a>	<a href="#">FG18X5R1E685KRT06</a>
X5R	10uF	±20%	25	<a href="#">FG18X5R1E106MRT00</a>	<a href="#">FG18X5R1E106MRT06</a>
X5R	680nF	±10%	50	<a href="#">FG18X5R1H684KRT00</a>	<a href="#">FG18X5R1H684KRT06</a>
X5R	1uF	±10%	50	<a href="#">FG18X5R1H105KRT00</a>	<a href="#">FG18X5R1H105KRT06</a>
X7R	1.5uF	±10%	10	<a href="#">FG18X7R1A155KRT00</a>	<a href="#">FG18X7R1A155KRT06</a>
X7R	2.2uF	±10%	10	<a href="#">FG18X7R1A225KRT00</a>	<a href="#">FG18X7R1A225KRT06</a>
X7R	150nF	±10%	25	<a href="#">FG18X7R1E154KNT00</a>	<a href="#">FG18X7R1E154KNT06</a>
X7R	680nF	±10%	25	<a href="#">FG18X7R1E684KRT00</a>	<a href="#">FG18X7R1E684KRT06</a>
X7R	1uF	±10%	25	<a href="#">FG18X7R1E105KRT00</a>	<a href="#">FG18X7R1E105KRT06</a>
X7R	1nF	±10%	50	<a href="#">FG18X7R1H102KNT00</a>	<a href="#">FG18X7R1H102KNT06</a>
X7R	1.5nF	±10%	50	<a href="#">FG18X7R1H152KNT00</a>	<a href="#">FG18X7R1H152KNT06</a>
X7R	2.2nF	±10%	50	<a href="#">FG18X7R1H222KNT00</a>	<a href="#">FG18X7R1H222KNT06</a>
X7R	3.3nF	±10%	50	<a href="#">FG18X7R1H332KNT00</a>	<a href="#">FG18X7R1H332KNT06</a>
X7R	4.7nF	±10%	50	<a href="#">FG18X7R1H472KNT00</a>	<a href="#">FG18X7R1H472KNT06</a>
X7R	6.8nF	±10%	50	<a href="#">FG18X7R1H682KNT00</a>	<a href="#">FG18X7R1H682KNT06</a>
X7R	10nF	±10%	50	<a href="#">FG18X7R1H103KNT00</a>	<a href="#">FG18X7R1H103KNT06</a>
X7R	15nF	±10%	50	<a href="#">FG18X7R1H153KNT00</a>	<a href="#">FG18X7R1H153KNT06</a>
X7R	22nF	±10%	50	<a href="#">FG18X7R1H223KNT00</a>	<a href="#">FG18X7R1H223KNT06</a>
X7R	33nF	±10%	50	<a href="#">FG18X7R1H333KNT00</a>	<a href="#">FG18X7R1H333KNT06</a>
X7R	47nF	±10%	50	<a href="#">FG18X7R1H473KNT00</a>	<a href="#">FG18X7R1H473KNT06</a>
X7R	68nF	±10%	50	<a href="#">FG18X7R1H683KNT00</a>	<a href="#">FG18X7R1H683KNT06</a>
X7R	100nF	±10%	50	<a href="#">FG18X7R1H104KNT00</a>	<a href="#">FG18X7R1H104KNT06</a>
X7R	150nF	±10%	50	<a href="#">FG18X7R1H154KRT00</a>	<a href="#">FG18X7R1H154KRT06</a>
X7R	220nF	±10%	50	<a href="#">FG18X7R1H224KRT00</a>	<a href="#">FG18X7R1H224KRT06</a>
X7R	330nF	±10%	50	<a href="#">FG18X7R1H334KRT00</a>	<a href="#">FG18X7R1H334KRT06</a>
X7R	470nF	±10%	50	<a href="#">FG18X7R1H474KRT00</a>	<a href="#">FG18X7R1H474KRT06</a>
X7R	1nF	±10%	100	<a href="#">FG18X7R2A102KNT00</a>	<a href="#">FG18X7R2A102KNT06</a>
X7R	1.5nF	±10%	100	<a href="#">FG18X7R2A152KNT00</a>	<a href="#">FG18X7R2A152KNT06</a>
X7R	2.2nF	±10%	100	<a href="#">FG18X7R2A222KNT00</a>	<a href="#">FG18X7R2A222KNT06</a>
X7R	3.3nF	±10%	100	<a href="#">FG18X7R2A332KNT00</a>	<a href="#">FG18X7R2A332KNT06</a>
X7R	4.7nF	±10%	100	<a href="#">FG18X7R2A472KNT00</a>	<a href="#">FG18X7R2A472KNT06</a>
X7R	6.8nF	±10%	100	<a href="#">FG18X7R2A682KNT00</a>	<a href="#">FG18X7R2A682KNT06</a>
X7R	10nF	±10%	100	<a href="#">FG18X7R2A103KNT00</a>	<a href="#">FG18X7R2A103KNT06</a>
X7R	15nF	±10%	100	<a href="#">FG18X7R2A153KNT00</a>	<a href="#">FG18X7R2A153KNT06</a>
X7R	22nF	±10%	100	<a href="#">FG18X7R2A223KNT00</a>	<a href="#">FG18X7R2A223KNT06</a>
X7S	33nF	±10%	100	<a href="#">FG18X7S2A333KRT00</a>	<a href="#">FG18X7S2A333KRT06</a>
X7S	47nF	±10%	100	<a href="#">FG18X7S2A473KRT00</a>	<a href="#">FG18X7S2A473KRT06</a>
X7S	68nF	±10%	100	<a href="#">FG18X7S2A683KRT00</a>	<a href="#">FG18X7S2A683KRT06</a>
X7S	100nF	±10%	100	<a href="#">FG18X7S2A104KRT00</a>	<a href="#">FG18X7S2A104KRT06</a>

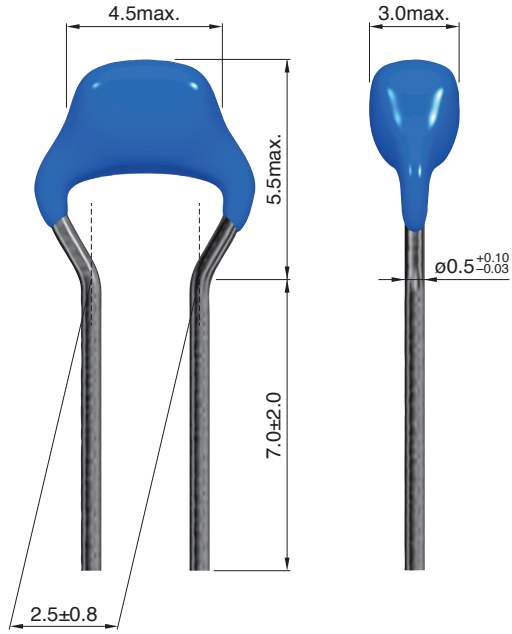
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

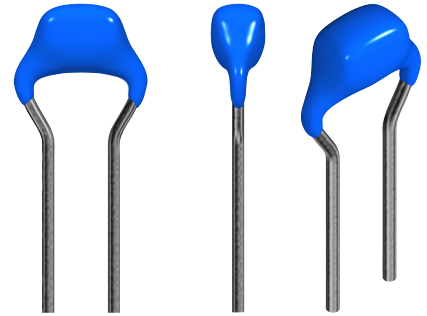
\* The part numbers are TDK's standard specification products.

# FG14 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm



⚠ 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.

# FG14 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	15nF	±5%	50	<a href="#">FG14C0G1H153JNT00</a>	<a href="#">FG14C0G1H153JNT06</a>
C0G	22nF	±5%	50	<a href="#">FG14C0G1H223JNT00</a>	<a href="#">FG14C0G1H223JNT06</a>
C0G	33nF	±5%	50	<a href="#">FG14C0G1H333JNT00</a>	<a href="#">FG14C0G1H333JNT06</a>
C0G	3.9nF	±5%	100	<a href="#">FG14C0G2A392JNT00</a>	<a href="#">FG14C0G2A392JNT06</a>
C0G	4.7nF	±5%	100	<a href="#">FG14C0G2A472JNT00</a>	<a href="#">FG14C0G2A472JNT06</a>
C0G	5.6nF	±5%	100	<a href="#">FG14C0G2A562JNT00</a>	<a href="#">FG14C0G2A562JNT06</a>
C0G	6.8nF	±5%	100	<a href="#">FG14C0G2A682JNT00</a>	<a href="#">FG14C0G2A682JNT06</a>
C0G	8.2nF	±5%	100	<a href="#">FG14C0G2A822JNT00</a>	<a href="#">FG14C0G2A822JNT06</a>
C0G	10nF	±5%	100	<a href="#">FG14C0G2A103JNT00</a>	<a href="#">FG14C0G2A103JNT06</a>
C0G	15nF	±5%	100	<a href="#">FG14C0G2A153JRT00</a>	<a href="#">FG14C0G2A153JRT06</a>
C0G	22nF	±5%	100	<a href="#">FG14C0G2A223JRT00</a>	<a href="#">FG14C0G2A223JRT06</a>
C0G	33nF	±5%	100	<a href="#">FG14C0G2A333JRT00</a>	<a href="#">FG14C0G2A333JRT06</a>

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	15uF	±20%	25	<a href="#">FG14X5R1E156MRT00</a>	<a href="#">FG14X5R1E156MRT06</a>
X5R	3.3uF	±10%	50	<a href="#">FG14X5R1H335KRT00</a>	<a href="#">FG14X5R1H335KRT06</a>
X5R	4.7uF	±10%	50	<a href="#">FG14X5R1H475KRT00</a>	<a href="#">FG14X5R1H475KRT06</a>
X7R	6.8uF	±10%	10	<a href="#">FG14X7R1A685KRT00</a>	<a href="#">FG14X7R1A685KRT06</a>
X7R	10uF	±10%	10	<a href="#">FG14X7R1A106KRT00</a>	<a href="#">FG14X7R1A106KRT06</a>
X7R	680nF	±10%	16	<a href="#">FG14X7R1C684KNT00</a>	<a href="#">FG14X7R1C684KNT06</a>
X7R	470nF	±10%	25	<a href="#">FG14X7R1E474KNT00</a>	<a href="#">FG14X7R1E474KNT06</a>
X7R	3.3uF	±10%	25	<a href="#">FG14X7R1E335KRT00</a>	<a href="#">FG14X7R1E335KRT06</a>
X7R	4.7uF	±10%	25	<a href="#">FG14X7R1E475KRT00</a>	<a href="#">FG14X7R1E475KRT06</a>
X7R	150nF	±10%	50	<a href="#">FG14X7R1H154KNT00</a>	<a href="#">FG14X7R1H154KNT06</a>
X7R	220nF	±10%	50	<a href="#">FG14X7R1H224KNT00</a>	<a href="#">FG14X7R1H224KNT06</a>
X7R	330nF	±10%	50	<a href="#">FG14X7R1H334KNT00</a>	<a href="#">FG14X7R1H334KNT06</a>
X7R	680nF	±10%	50	<a href="#">FG14X7R1H684KRT00</a>	<a href="#">FG14X7R1H684KRT06</a>
X7R	1uF	±10%	50	<a href="#">FG14X7R1H105KRT00</a>	<a href="#">FG14X7R1H105KRT06</a>
X7R	1.5uF	±10%	50	<a href="#">FG14X7R1H155KRT00</a>	<a href="#">FG14X7R1H155KRT06</a>
X7R	2.2uF	±10%	50	<a href="#">FG14X7R1H225KRT00</a>	<a href="#">FG14X7R1H225KRT06</a>
X7R	33nF	±10%	100	<a href="#">FG14X7R2A333KNT00</a>	<a href="#">FG14X7R2A333KNT06</a>
X7R	47nF	±10%	100	<a href="#">FG14X7R2A473KNT00</a>	<a href="#">FG14X7R2A473KNT06</a>
X7R	68nF	±10%	100	<a href="#">FG14X7R2A683KNT00</a>	<a href="#">FG14X7R2A683KNT06</a>
X7R	100nF	±10%	100	<a href="#">FG14X7R2A104KNT00</a>	<a href="#">FG14X7R2A104KNT06</a>
X7S	150nF	±10%	100	<a href="#">FG14X7S2A154KRT00</a>	<a href="#">FG14X7S2A154KRT06</a>
X7S	220nF	±10%	100	<a href="#">FG14X7S2A224KRT00</a>	<a href="#">FG14X7S2A224KRT06</a>
X7S	330nF	±10%	100	<a href="#">FG14X7S2A334KRT00</a>	<a href="#">FG14X7S2A334KRT06</a>
X7S	470nF	±10%	100	<a href="#">FG14X7S2A474KRT00</a>	<a href="#">FG14X7S2A474KRT06</a>
X7S	680nF	±10%	100	<a href="#">FG14X7S2A684KRT00</a>	<a href="#">FG14X7S2A684KRT06</a>
X7S	1uF	±10%	100	<a href="#">FG14X7S2A105KRT00</a>	<a href="#">FG14X7S2A105KRT06</a>

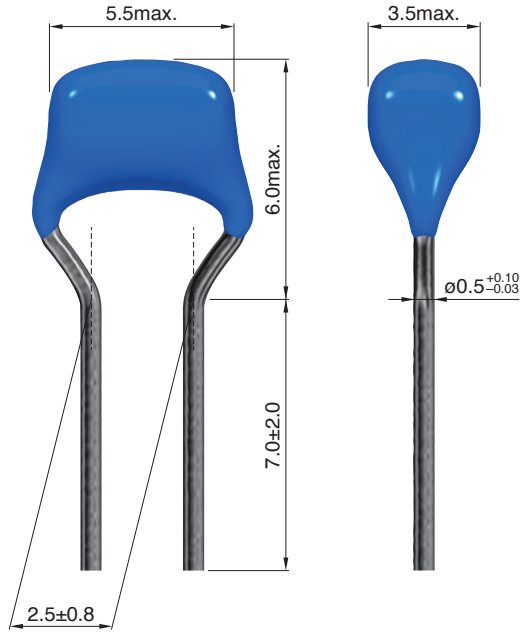
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

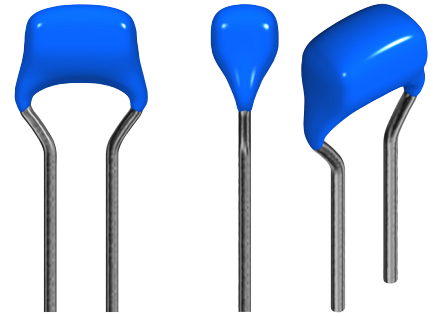
\* The part numbers are TDK's standard specification products.

# FG16 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm



⚠ 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.

# FG16 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	47nF	±5%	50	<a href="#">FG16C0G1H473JNT00</a>	<a href="#">FG16C0G1H473JNT06</a>
C0G	68nF	±5%	50	<a href="#">FG16C0G1H683JNT00</a>	<a href="#">FG16C0G1H683JNT06</a>
C0G	100nF	±5%	50	<a href="#">FG16C0G1H104JNT00</a>	<a href="#">FG16C0G1H104JNT06</a>
C0G	15nF	±5%	100	<a href="#">FG16C0G2A153JNT00</a>	<a href="#">FG16C0G2A153JNT06</a>
C0G	22nF	±5%	100	<a href="#">FG16C0G2A223JNT00</a>	<a href="#">FG16C0G2A223JNT06</a>
C0G	33nF	±5%	100	<a href="#">FG16C0G2A333JNT00</a>	<a href="#">FG16C0G2A333JNT06</a>
C0G	47nF	±5%	100	<a href="#">FG16C0G2A473JRT00</a>	<a href="#">FG16C0G2A473JRT06</a>
C0G	68nF	±5%	100	<a href="#">FG16C0G2A683JRT00</a>	<a href="#">FG16C0G2A683JRT06</a>
C0G	100nF	±5%	100	<a href="#">FG16C0G2A104JRT00</a>	<a href="#">FG16C0G2A104JRT06</a>

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X5R	33uF	±20%	25	<a href="#">FG16X5R1E336MRT00</a>	<a href="#">FG16X5R1E336MRT06</a>
X5R	6.8uF	±10%	50	<a href="#">FG16X5R1H685KRT00</a>	<a href="#">FG16X5R1H685KRT06</a>
X5R	10uF	±10%	50	<a href="#">FG16X5R1H106KRT00</a>	<a href="#">FG16X5R1H106KRT06</a>
X7R	1uF	±10%	25	<a href="#">FG16X7R1E105KNT00</a>	<a href="#">FG16X7R1E105KNT06</a>
X7R	1.5uF	±10%	25	<a href="#">FG16X7R1E155KNT00</a>	<a href="#">FG16X7R1E155KNT06</a>
X7R	2.2uF	±10%	25	<a href="#">FG16X7R1E225KNT00</a>	<a href="#">FG16X7R1E225KNT06</a>
X7R	6.8uF	±10%	25	<a href="#">FG16X7R1E685KRT00</a>	<a href="#">FG16X7R1E685KRT06</a>
X7R	10uF	±10%	25	<a href="#">FG16X7R1E106KRT00</a>	<a href="#">FG16X7R1E106KRT06</a>
X7R	470nF	±10%	50	<a href="#">FG16X7R1H474KNT00</a>	<a href="#">FG16X7R1H474KNT06</a>
X7R	680nF	±10%	50	<a href="#">FG16X7R1H684KNT00</a>	<a href="#">FG16X7R1H684KNT06</a>
X7R	3.3uF	±10%	50	<a href="#">FG16X7R1H335KRT00</a>	<a href="#">FG16X7R1H335KRT06</a>
X7R	4.7uF	±10%	50	<a href="#">FG16X7R1H475KRT00</a>	<a href="#">FG16X7R1H475KRT06</a>
X7R	150nF	±10%	100	<a href="#">FG16X7R2A154KNT00</a>	<a href="#">FG16X7R2A154KNT06</a>
X7R	220nF	±10%	100	<a href="#">FG16X7R2A224KNT00</a>	<a href="#">FG16X7R2A224KNT06</a>
X7R	330nF	±10%	100	<a href="#">FG16X7R2A334KNT00</a>	<a href="#">FG16X7R2A334KNT06</a>
X7R	470nF	±10%	100	<a href="#">FG16X7R2A474KNT00</a>	<a href="#">FG16X7R2A474KNT06</a>
X7R	680nF	±10%	100	<a href="#">FG16X7R2A684KNT00</a>	<a href="#">FG16X7R2A684KNT06</a>
X7R	1uF	±10%	100	<a href="#">FG16X7R2A105KNT00</a>	<a href="#">FG16X7R2A105KNT06</a>
X7S	1.5uF	±10%	100	<a href="#">FG16X7S2A155KRT00</a>	<a href="#">FG16X7S2A155KRT06</a>
X7S	2.2uF	±10%	100	<a href="#">FG16X7S2A225KRT00</a>	<a href="#">FG16X7S2A225KRT06</a>
X7S	3.3uF	±10%	100	<a href="#">FG16X7S2A335KRT00</a>	<a href="#">FG16X7S2A335KRT06</a>

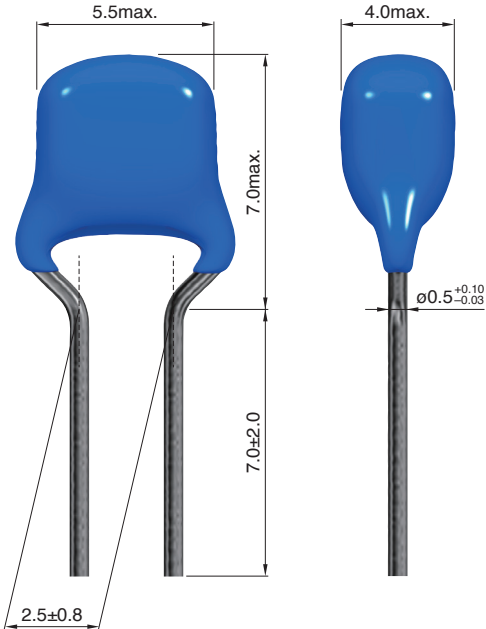
■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

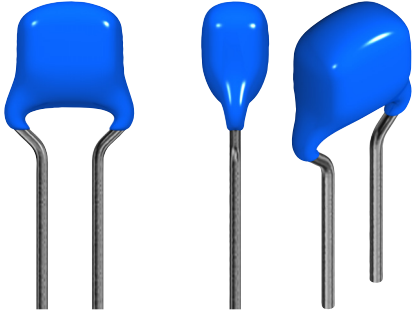
\* The part numbers are TDK's standard specification products.


# FG11 type

## ■ SHAPE & DIMENSIONS



Dimensions in mm



 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.



# FG11 type

## ELECTRICAL CHARACTERISTICS

### CHARACTERISTICS SPECIFICATION TABLE

#### CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
C0G	47nF	±5%	100	<a href="#">FG11C0G2A473JNT00</a>	<a href="#">FG11C0G2A473JNT06</a>
C0G	68nF	±5%	100	<a href="#">FG11C0G2A683JNT00</a>	<a href="#">FG11C0G2A683JNT06</a>

Click the part numbers for details.

\* The part numbers are TDK's standard specification products.

#### CLASS 2 (TEMPERATURE STABLE)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*	
				Separate	Taping
X7R	15uF	±20%	16	<a href="#">FG11X7R1C156MRT00</a>	<a href="#">FG11X7R1C156MRT06</a>
X7R	22uF	±20%	16	<a href="#">FG11X7R1C226MRT00</a>	<a href="#">FG11X7R1C226MRT06</a>
X7R	3.3uF	±10%	25	<a href="#">FG11X7R1E335KNT00</a>	<a href="#">FG11X7R1E335KNT06</a>
X7R	4.7uF	±10%	25	<a href="#">FG11X7R1E475KNT00</a>	<a href="#">FG11X7R1E475KNT06</a>
X7R	1uF	±10%	50	<a href="#">FG11X7R1H105KNT00</a>	<a href="#">FG11X7R1H105KNT06</a>
X7R	1.5uF	±10%	50	<a href="#">FG11X7R1H155KNT00</a>	<a href="#">FG11X7R1H155KNT06</a>
X7R	10uF	±10%	50	<a href="#">FG11X7R1H106KRT00</a>	<a href="#">FG11X7R1H106KRT06</a>
X7R	1.5uF	±10%	100	<a href="#">FG11X7R2A155KRT00</a>	<a href="#">FG11X7R2A155KRT06</a>
X7R	2.2uF	±10%	100	<a href="#">FG11X7R2A225KRT00</a>	<a href="#">FG11X7R2A225KRT06</a>
X7S	6.8uF	±10%	50	<a href="#">FG11X7S1H685KRT00</a>	<a href="#">FG11X7S1H685KRT06</a>
X7S	10uF	±10%	50	<a href="#">FG11X7S1H106KRT00</a>	<a href="#">FG11X7S1H106KRT06</a>
X7S	4.7uF	±10%	100	<a href="#">FG11X7S2A475KRT00</a>	<a href="#">FG11X7S2A475KRT06</a>

■ Gray items: These products are not recommended for new designs.

Click the part numbers for details.

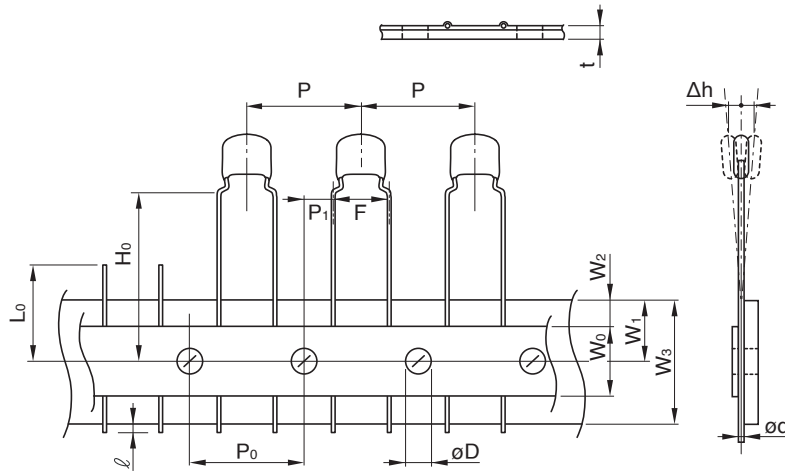
\* The part numbers are TDK's standard specification products.

# PACKAGING STYLE

## TAPING DIMENSIONS

### Lead pitch 5.0 mm

(FG28, FG24, FG26, FG20, FG22, FG23 type)



Symbol	Dimensions(mm)
P	(12.7)
P <sub>0</sub>	(12.7)
P <sub>1</sub>	(3.85)
W <sub>0</sub>	12.0±1.0
W <sub>1</sub>	9.0±0.5
W <sub>2</sub> <sup>*1</sup>	3.0max.
W <sub>3</sub>	18.0+1.0, -0.5
H <sub>0</sub>	16.0±0.8
l	1.0max.
t	0.6±0.2
L <sub>0</sub> <sup>*2</sup>	11.0max.
F <sup>*3</sup>	5.0+0.8, -0.2
ød	ø0.5+0.1, -0.03
øD	(ø4.0)
Δh	(±2)

The values in parentheses "( )" are reference values.

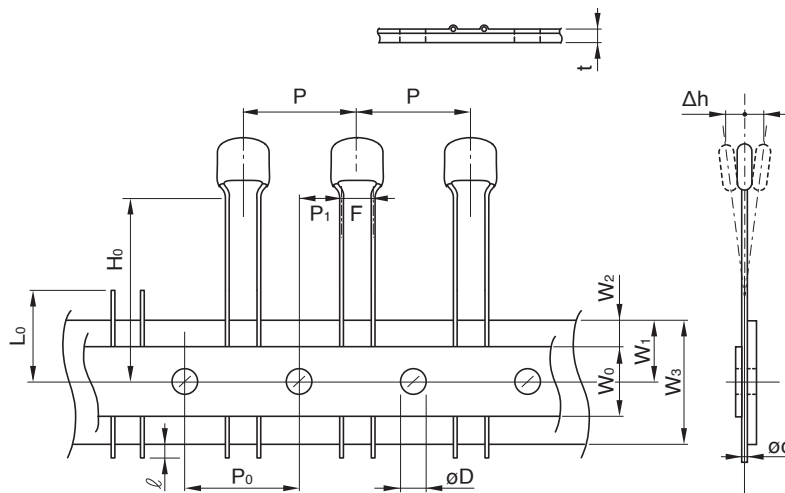
\*1 Adhesive tape shall not stick out from carrier tape.

\*2 The number of consecutive gaps in the product shall be three or less.

\*3 The measurement position should be 1.5 to 2.0 mm below the kink.

### Lead pitch 2.5 mm

(FG18, FG14, FG16, FG11 type)



Symbol	Dimensions(mm)
P	(12.7)
P <sub>0</sub>	(12.7)
P <sub>1</sub>	(5.1)
W <sub>0</sub>	12.0±1.0
W <sub>1</sub>	9.0±0.5
W <sub>2</sub> <sup>*1</sup>	3.0max.
W <sub>3</sub>	18.0+1.0, -0.5
H <sub>0</sub>	16.0±0.8
l	1.0max.
t	0.6±0.2
L <sub>0</sub> <sup>*2</sup>	11.0max.
F <sup>*3</sup>	2.5+0.5, -0.2
ød	ø0.5+0.1, -0.03
øD	(ø4.0)
Δh	(±2)

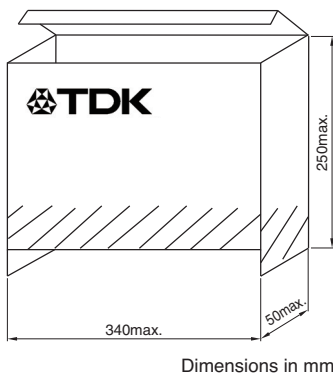
The values in parentheses "( )" are reference values.

\*1 Adhesive tape shall not stick out from carrier tape.

\*2 The number of consecutive gaps in the product shall be three or less.

\*3 The measurement position should be 1.5 to 2.0 mm below the kink.

## AMMO PACK INNER BOX SIZE



⚠ 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.