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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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July 2016

# MLCC with Dipped Radial Lead

(Halogen-free, Commercial Grade)

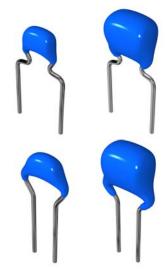
# FG Series

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]

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 these products.

# Do not use or store in locations where there are conditions such as gas corrosion (salt, acid, alkali, etc.). Before soldering, be sure to preheat components. The preheating temperature should be set so that the temperature difference between the solder temperature and product temperature does not exceed 150°C. Soldering corrections after mounting should be within the range of the conditions determined in the specifications. If overheated, a short circuit, performance deterioration, or lifespan shortening may occur. Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design. Do not use for a purpose outside of the contents regulated in the delivery specifications. 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.



# **MLCC** with Dipped Radial Lead

Product compatible with RoHS directive Halogen-free

### Halogen-free, Commercial Grade

# **Overview of the FG Series**

### **FEATURES**

- A complete lineup with a rated voltage of 6.3V to 630V.
- $\bigcirc$  Compatible with a wide capacitance range of 1pF to 100 $\mu$ F.

### APPLICATION

- O Noise reduction measures for various motors
- O Bypass capacitors such as for switching power sources, smoothing capacitors, etc.
- Snubber circuits
- OPFC input filters

### PART NUMBER CONSTRUCTION

FG		2		8	(	C0G	1	ΙН	0	10		С			
Series name	Lead pitch (mm) LxWxT Dimensions (mm)		Capacitance Rated temperature voltage characteristics (V)		capa	minal icitance (pF)		pacitance lerance*	Internal code	P	ackaging Style**				
	1	2.5	8	4.0x5.5x2.5	C0G	0±30ppm/°C	0J	6.3	010	1	С	±0.25pF		0	Bulk
	2	5.0	4	4.5x5.5x3.0	X5R	±15%	1A	10	100	10	D	±0.5pF		6	Taping
			6	5.5x6.0x3.5	X7R	±15%	1C	16	101	100	J	±5%			
			0	5.5x7.0x4.0	X7S	±22%	1E	25	102	1,000	K	±10%			
			1	5.5x7.0x4.0	X7T	+22, -33%	1H	50	· .		М	±20%			
			2	7.5x8.5x4.5		_	2A	100	-						
							2E	250	-						
							2W	450	-						
							2J	630	-						

 $<sup>^{\</sup>ast}$  Applicable capacitance range: Max. 10 pF for C and D, over 10 pF for J, K, and M.

### OPERATING TEMPERATURE RANGE

Canacitanas temperatura	Temperature range*				
Capacitance temperature characteristics	Operating temperature	Storage temperature**			
Characteristics	(°C)	(°C)			
C0G, X7R, X7S, X7T	-55 to +125	-55 to +125			
X5R	-55 to +85	-55 to +85			

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

 $<sup>\</sup>ensuremath{^{**}}$  Applied to the TDK's standard specification products.

<sup>\*\*</sup> The storage temperature range applies to after MLCC is mounted on board.

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

O Halogen-free: Indicates that CI content is less than 900ppm, Br content is less than 900ppm, and that the total CI and Br content is less than 1500ppm.



# **Overview of the FG Series**

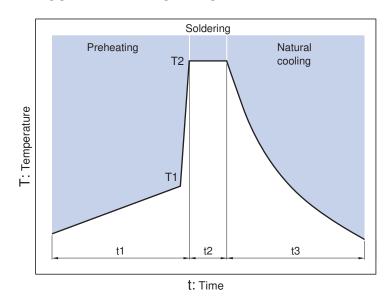
### **■PACKAGE QUANTITY**

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



# **Overview of the FG Series**

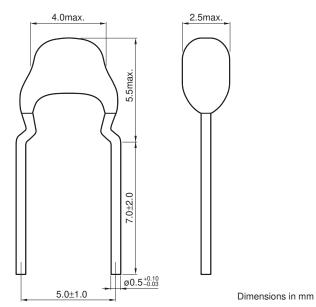
### ■ RECOMMENDED FLOW PROFILE



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.



### ■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.



### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Namacieristics   Cape   Tolerance   Edc (V)   Part No.*	Temperature	LIVITORIE GOIVII E	/	Rated voltage	
CGG	•	Capacitance	Tolerance		Part No.*
COG         1.5pF         ±0.25pF         50         FG28CDG1HRSCNTD□           COG         2.0pF         ±0.25pF         50         FG28CDG1HD2CONTD□           COG         3.0pF         ±0.25pF         50         FG28CDG1HD3CNTD□           COG         3.0pF         ±0.25pF         50         FG28CDG1HD3CNTD□           COG         4.0pF         ±0.25pF         50         FG28CDG1HD3CNTD□           COG         4.0pF         ±0.25pF         50         FG28CDG1HB4RFCNTD□           COG         5.0pF         ±0.25pF         50         FG28CDG1HB4RCNTD□           COG         6.0pF         ±0.5pF         50         FG28CDG1HB4RCNTD□           COG         6.0pF         ±0.5pF         50         FG28CDG1HB6DCNTD□           COG         6.0pF         ±0.5pF         50         FG28CDG1HB6DCNTD□           COG         7.0pF         ±0.5pF         50         FG28CDG1HB0DCNTD□           COG         7.0pF         ±0.5pF         50         FG28CDG1HB0DCNTD□           COG         1.0pF         ±0.5pF         50         FG28CDG1HB0DCNTD□           COG         1.0pF         ±0.5pF         50         FG28CDG1HB0DCNTD□           COG         1.0pF <td></td> <td>1.0pF</td> <td>±0.25pF</td> <td></td> <td>FG28C0G1H010CNT0□**</td>		1.0pF	±0.25pF		FG28C0G1H010CNT0□**
COG         2.0pF         ±0.25pF         50         FG28COG1H02CONTO□           COG         2.2pF         ±0.25pF         50         FG28COG1H02CONTO□           COG         3.0pF         ±0.25pF         50         FG28COG1H03CONTO□           COG         4.0pF         ±0.25pF         50         FG28COG1H03CONTO□           COG         4.0pF         ±0.25pF         50         FG28COG1H04CONTO□           COG         5.0pF         ±0.25pF         50         FG28COG1H05CONTO□           COG         5.0pF         ±0.25pF         50         FG28COG1H05CONTO□           COG         6.0pF         ±0.5pF         50         FG28COG1H05CONTO□           COG         6.0pF         ±0.5pF         50         FG28COG1H05CONTO□           COG         6.0pF         ±0.5pF         50         FG28COG1H05CONTO□           COG         7.0pF         ±0.5pF         50         FG28COG1H07CONTO□           COG         9.0pF         ±0.5pF         50         FG28COG1H07CONTO□           COG         9.0pF         ±0.5pF         50         FG28COG1H2CONTO□           COG         12pF         ±5%         50         FG28COG1H2CONTO□           COG         12pF			· · · · · · · · · · · · · · · · · · ·		
COG         2.2pF         ±0.25pF         50         FG28C0G1H2R2CNTO□           COG         3.0pF         ±0.25pF         50         FG28C0G1H3R3CNTO□           COG         3.3pF         ±0.25pF         50         FG28C0G1H3R3CNTO□           COG         4.0pF         ±0.25pF         50         FG28C0G1H4R7CNTO□           COG         4.0pF         ±0.25pF         50         FG28C0G1H4R7CNTO□           COG         5.0pF         ±0.25pF         50         FG28C0G1H4R7CNTO□           COG         6.0pF         ±0.5pF         50         FG28C0G1H4R7CNTO□           COG         6.0pF         ±0.5pF         50         FG28C0G1H88DNTO□           COG         6.8pF         ±0.5pF         50         FG28C0G1H88DNTO□           COG         8.0pF         ±0.5pF         50         FG28C0G1H89DNTO□           COG         9.0pF         ±0.5pF         50         FG28C0G1H89DNTO□           COG         10.pF         ±0.5pF         50         FG28C0G1H89DNTO□           COG         10.pF         ±5%         50         FG28C0G1H89DNTO□           COG         10.pF         ±5%         50         FG28C0G1H8DNTO□           COG         12.pF <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
COG         3.0pF         ±0.25pF         50         FG28C0G1H03CNTO□           COG         3.3pF         ±0.25pF         50         FG28C0G1H04DCNTO□           COG         4.0pF         ±0.25pF         50         FG28C0G1H04DCNTO□           COG         4.7pF         ±0.25pF         50         FG28C0G1H04DCNTO□           COG         5.0pF         ±0.25pF         50         FG28C0G1H05CNTO□           COG         6.0pF         ±0.5pF         50         FG28C0G1H05CNTO□           COG         6.0pF         ±0.5pF         50         FG28C0G1H05CNTO□           COG         6.0pF         ±0.5pF         50         FG28C0G1H05CNTO□           COG         8.0pF         ±0.5pF         50         FG28C0G1H05CNTO□           COG         8.0pF         ±0.5pF         50         FG28C0G1H05CNTO□           COG         1.0pF         ±0.5pF         50         FG28C0G1H105CNTO□           COG         1.0pF         ±0.5pF         50         FG28C0G1H12CNTO□           COG         1.2pF         ±5%         50         FG28C0G1H12CNTO□           COG         1.2pF         ±5%         50         FG28C0G1H12CNTO□           COG         1.2pF         ±		<u> </u>	•		
COG         3.3pF         ±0.25pF         50         FG28COG1HAR3CNT0□           COG         4.0pF         ±0.25pF         50         FG28COG1HAGNCNT0□           COG         4.7pF         ±0.25pF         50         FG28COG1HAGNCNT0□           COG         5.0pF         ±0.25pF         50         FG28COG1HAGNCNT0□           COG         6.0pF         ±0.5pF         50         FG28COG1HAGNDNT0□           COG         6.8pF         ±0.5pF         50         FG28COG1HORDNT0□           COG         7.0pF         ±0.5pF         50         FG28COG1HORDNT0□           COG         8.0pF         ±0.5pF         50         FG28COG1HORDNT0□           COG         9.0pF         ±0.5pF         50         FG28COG1HORDNT0□           COG         10.pF         ±0.5pF         50         FG28COG1HBODNT0□           COG         10.pF         ±0.5pF         50         FG28COG1HBODNT0□           COG         10.pF         ±0.5pF         50         FG28COG1HBODNT0□           COG         12.pF         ±5%         50         FG28COG1HBODNT0□           COG         12.pF         ±5%         50         FG28COG1HBODNT0□           COG         22.pF         ±			•		
COG         4.0pF         ±0.25pF         50         FG28COG1HAGCNTO□           COG         4.7pF         ±0.25pF         50         FG28COG1HAGCNTTO□           COG         6.0pF         ±0.5pF         50         FG28COG1HOGOCNTO□           COG         6.8pF         ±0.5pF         50         FG28COG1HOGONTTO□           COG         6.8pF         ±0.5pF         50         FG28COG1HOGONTTO□           COG         7.0pF         ±0.5pF         50         FG28COG1HOGONTTO□           COG         3.0pF         ±0.5pF         50         FG28COG1HOGONTTO□           COG         1.0pF         ±5.9pF         50         FG28COG1HBOONTTO□           COG         1.0pF         ±5.9pF         50         FG28COG1HBOONTTO□           COG         1.2pF         ±5.9pF         50         FG28COG1HBOONTTO□           COG         2.2pF         ±5.9pF         50         FG28COG1HBOONTTO□           COG         3.3pF					_
COG         4.7pF         ±0.2spF         50         FG28COG1HB7CNTO□           COG         5.0pF         ±0.5pF         50         FG28COG1H060DNTO□           COG         6.0pF         ±0.5pF         50         FG28COG1H060DNTO□           COG         6.8pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         7.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         3.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         10.pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         10.pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         10.pF         ±0.5pF         50         FG28COG1H120NTO□           COG         10.pF         ±5.9pF         50         FG28COG1H120NTO□           COG         15.pF         ±5%         50         FG28COG1H120NTO□           COG         15.pF         ±5%         50         FG28COG1H120NTO□           COG         22.pF         ±5%         50         FG28COG1H320NTO□           COG         27.pF         ±5%         50         FG28COG1H320NTO□           COG         33.pF         ±5%					
COG         5.0pF         ±0.5pF         50         FG28COG1H6BGCNTO□           COG         6.0pF         ±0.5pF         50         FG28COG1H6BRBNTO□           COG         6.8pF         ±0.5pF         50         FG28COG1H6RBNTO□           COG         7.0pF         ±0.5pF         50         FG28COG1H0RDNTO□           COG         8.0pF         ±0.5pF         50         FG28COG1H090DNTO□           COG         10pF         ±0.5pF         50         FG28COG1H090DNTO□           COG         10pF         ±0.5pF         50         FG28COG1H190DNTO□           COG         12pF         ±5%         50         FG28COG1H190DNTO□           COG         15pF         ±5%         50         FG28COG1H190DNTO□           COG         15pF         ±5%         50         FG28COG1H190DNTO□           COG         15pF         ±5%         50         FG28COG1H30DNTO□           COG         22pF         ±5%         50         FG28COG1H30DNTO□           COG         23pF         ±5%         50         FG28COG1H30DNTO□           COG         33pF         ±5%         50         FG28COG1H30DNTO□           COG         33pF         ±5%         50 <td></td> <td></td> <td></td> <td>50</td> <td></td>				50	
COG         6.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         6.8pF         ±0.5pF         50         FG28COG1H070DNTO□           COG         7.0pF         ±0.5pF         50         FG28COG1H070DNTO□           COG         8.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         9.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         10pF         ±0.5pF         50         FG28COG1H120LNTO□           COG         12pF         ±5%         50         FG28COG1H120LNTO□           COG         15pF         ±5%         50         FG28COG1H120LNTO□           COG         18pF         ±5%         50         FG28COG1H220LNTO□           COG         22pF         ±5%         50         FG28COG1H220LNTO□           COG         33pF         ±5%         50         FG28COG1H30LNTO□           COG         47pF         ±5%         50 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
COG         6.8pF         ±0.5pF         50         FG28COG1H6R8DNTD□           COG         7.0pF         ±0.5pF         50         FG28COG1H6R9DNTD□           COG         8.0pF         ±0.5pF         50         FG28COG1H09DNTD□           COG         9.0pF         ±0.5pF         50         FG28COG1H10DNTD□           COG         10pF         ±0.5pF         50         FG28COG1H120NTD□           COG         12pF         ±5%         50         FG28COG1H150NTD□           COG         15pF         ±5%         50         FG28COG1H180NTD□           COG         15pF         ±5%         50         FG28COG1H180NTD□           COG         15pF         ±5%         50         FG28COG1H180NTD□           COG         22pF         ±5%         50         FG28COG1H220NTD□           COG         33pF         ±5%         50         FG28COG1H220NTD□           COG         33pF         ±5%         50         FG28COG1H220NTD□           COG         33pF         ±5%         50         FG28COG1H230NTD□           COG         33pF         ±5%         50         FG28COG1H230NTD□           COG         47pF         ±5%         50 <td< td=""><td></td><td>6.0pF</td><td>±0.5pF</td><td></td><td></td></td<>		6.0pF	±0.5pF		
COG         7.0pF         ±0.5pF         50         FG28COG1H070DNTO□           COG         8.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         9.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         10pF         ±0.5pF         50         FG28COG1H100DNTO□           COG         12pF         ±5%         50         FG28COG1H120NTO□           COG         15pF         ±5%         50         FG28COG1H120NTO□           COG         15pF         ±5%         50         FG28COG1H120NTO□           COG         13pF         ±5%         50         FG28COG1H30NTO□           COG         22pF         ±5%         50         FG28COG1H30NTO□           COG         33pF         ±5%         50         FG28COG1H30NTO□           COG         33pF         ±5%         50         FG28COG1H30NTO□           COG         47pF         ±5%         50         FG28COG1H30NTO□           COG         45pF         ±5%         50         FG28COG1H680NTO□           COG         56pF         ±5%         50         FG28COG1H680NTO□           COG         68pF         ±5%         50         FG28CO					
COG         8.0pF         ±0.5pF         50         FG28COG1H080DNTO□           COG         9.0pF         ±0.5pF         50         FG28COG1H090DNTO□           COG         10pF         ±0.5pF         50         FG28COG1H100DNTO□           COG         12pF         ±5%         50         FG28COG1H120NNTO□           COG         15pF         ±5%         50         FG28COG1H180NNTO□           COG         18pF         ±5%         50         FG28COG1H180NNTO□           COG         22pF         ±5%         50         FG28COG1H220NNTO□           COG         27pF         ±5%         50         FG28COG1H220NNTO□           COG         33pF         ±5%         50         FG28COG1H330NNTO□           COG         33pF         ±5%         50         FG28COG1H390NNTO□           COG         39pF         ±5%         50         FG28COG1H390NNTO□           COG         47pF         ±5%         50         FG28COG1H390NNTO□           COG         45pF         ±5%         50         FG28COG1H890NNTO□           COG         68pF         ±5%         50         FG28COG1H890NNTO□           COG         68pF         ±5%         50				50	
COG         9.0pF         ±0.5pF         50         FG28COG1H090DNTO□           COG         10pF         ±0.5pF         50         FG28COG1H100DNTO□           COG         12pF         ±5%         50         FG28COG1H12QNNTO□           COG         15pF         ±5%         50         FG28COG1H18QNNTO□           COG         18pF         ±5%         50         FG28COG1H2QNNTO□           COG         22pF         ±5%         50         FG28COG1H2QNNTO□           COG         33pF         ±5%         50         FG28COG1H3QNNTO□           COG         33pF         ±5%         50         FG28COG1H3QNNTO□           COG         39pF         ±5%         50         FG28COG1H3QNNTO□           COG         39pF         ±5%         50         FG28COG1H8QNNTO□           COG         47pF         ±5%         50         FG28COG1H8QNNTO□           COG         56pF         ±5%         50         FG28COG1H8QNNTO□           COG         68pF         ±5%         50         FG28COG1H8QNNTO□           COG         10pF         ±5%         50         FG28COG1H8QNNTO□           COG         12opF         ±5%         50         FG28COG1	C0G		· · · · · · · · · · · · · · · · · · ·	50	
COG		<u> </u>			
COG         12pF         ±5%         50         FG28COG1H120JNTO□           COG         15pF         ±5%         50         FG28COG1H150JNTO□           COG         18pF         ±5%         50         FG28COG1H80JNTO□           COG         22pF         ±5%         50         FG28COG1H220JNTO□           COG         27pF         ±5%         50         FG28COG1H270JNTO□           COG         33pF         ±5%         50         FG28COG1H330JNTO□           COG         33pF         ±5%         50         FG28COG1H330JNTO□           COG         47pF         ±5%         50         FG28COG1H390JNTO□           COG         47pF         ±5%         50         FG28COG1H30JNNTO□           COG         45pF         ±5%         50         FG28COG1H80JNNTO□           COG         68pF         ±5%         50         FG28COG1H80JNNTO□           COG         82pF         ±5%         50         FG28COG1H80JNNTO□           COG         82pF         ±5%         50         FG28COG1H80JNNTO□           COG         150pF         ±5%         50         FG28COG1H10JNNTO□           COG         150pF         ±5%         50         FG28C					
COG         15pF         ±5%         50         FG28COG1H150JNTO□           COG         18pF         ±5%         50         FG28COG1H180JNTO□           COG         22pF         ±5%         50         FG28COG1H220JNTO□           COG         27pF         ±5%         50         FG28COG1H220JNTO□           COG         33pF         ±5%         50         FG28COG1H330JNTO□           COG         33pF         ±5%         50         FG28COG1H393JJNTO□           COG         47pF         ±5%         50         FG28COG1H860JNTO□           COG         56pF         ±5%         50         FG28COG1H860JNTO□           COG         68pF         ±5%         50         FG28COG1H860JNTO□           COG         68pF         ±5%         50         FG28COG1H820JNTO□           COG         68pF         ±5%         50         FG28COG1H820JNTO□           COG         10pF         ±5%         50         FG28COG1H820JNTO□           COG         12opF         ±5%         50         FG28COG1H820JNTO□           COG         12opF         ±5%         50         FG28COG1H820JNTO□           COG         12opF         ±5%         50         FG					
COG         18pF         ±5%         50         FG28COG1H180JNTO□           COG         22pF         ±5%         50         FG28COG1H22DJNTO□           COG         27pF         ±5%         50         FG28COG1H27DJNTO□           COG         33pF         ±5%         50         FG28COG1H33DJNTO□           COG         39pF         ±5%         50         FG28COG1H3DJNTO□           COG         47pF         ±5%         50         FG28COG1H47DJNTO□           COG         56pF         ±5%         50         FG28COG1H47DJNTO□           COG         68pF         ±5%         50         FG28COG1H80JNTO□           COG         68pF         ±5%         50         FG28COG1H80JNTO□           COG         82pF         ±5%         50         FG28COG1H80JNTO□           COG         10pF         ±5%         50         FG28COG1H182JNTO□           COG         12opF         ±5%         50         FG28COG1H120JNTO□           COG         15opF         ±5%         50         FG28COG1H121JNTO□           COG         18opF         ±5%         50         FG28COG1H221JNTO□           COG         22opF         ±5%         50         FG28CO		<u>'</u>		50	
COG         22pF         ±5%         50         FG28COG1H220JNTO□           COG         27pF         ±5%         50         FG28COG1H270JNTO□           COG         33pF         ±5%         50         FG28COG1H270JNTO□           COG         39pF         ±5%         50         FG28COG1H390JNTO□           COG         47pF         ±5%         50         FG28COG1H470JNTO□           COG         56pF         ±5%         50         FG28COG1H460JNTO□           COG         68pF         ±5%         50         FG28COG1H680JNTO□           COG         68pF         ±5%         50         FG28COG1H680JNTO□           COG         100pF         ±5%         50         FG28COG1H80JNTO□           COG         120pF         ±5%         50         FG28COG1H80JNTO□           COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         180pF         ±5%         50         FG28COG1H121JNTO□           COG         180pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         F				50	
COG         27pF         ±5%         50         FG28COG1H270JNT0□           COG         33pF         ±5%         50         FG28COG1H330JNT0□           COG         39pF         ±5%         50         FG28COG1H390JNT0□           COG         47pF         ±5%         50         FG28COG1H680JNT0□           COG         56pF         ±5%         50         FG28COG1H680JNT0□           COG         68pF         ±5%         50         FG28COG1H80JNT0□           COG         68pF         ±5%         50         FG28COG1H80JNT0□           COG         100pF         ±5%         50         FG28COG1H80JNT0□           COG         120pF         ±5%         50         FG28COG1H82JNT0□           COG         120pF         ±5%         50         FG28COG1H101JNT0□           COG         120pF         ±5%         50         FG28COG1H115JNT0□           COG         120pF         ±5%         50         FG28COG1H115JNT0□           COG         150pF         ±5%         50         FG28COG1H82JNT0□           COG         220pF         ±5%         50         FG28COG1H33JNT0□           COG         270pF         ±5%         50         FG28		· · · · · · · · · · · · · · · · · · ·		50	
COG         33pF         ±5%         50         FG28COG1H330JNTO□           COG         39pF         ±5%         50         FG28COG1H390JNTO□           COG         47pF         ±5%         50         FG28COG1H470JNTO□           COG         56pF         ±5%         50         FG28COG1H560JNTO□           COG         68pF         ±5%         50         FG28COG1H820JNTO□           COG         82pF         ±5%         50         FG28COG1H820JNTO□           COG         100pF         ±5%         50         FG28COG1H101JNTO□           COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         150pF         ±5%         50         FG28COG1H21JNTO□           COG         150pF         ±5%         50         FG28COG1H221JNTO□           COG         150pF         ±5%         50         FG28COG1H221JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         39opF         ±5%         50 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
COG         39pF         ±5%         50         FG28COG1H390JNTO□           COG         47pF         ±5%         50         FG28COG1H470JNTO□           COG         56pF         ±5%         50         FG28COG1H680JNTO□           COG         68pF         ±5%         50         FG28COG1H860JNTO□           COG         82pF         ±5%         50         FG28COG1H820JNTO□           COG         100pF         ±5%         50         FG28COG1H101JNTO□           COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         150pF         ±5%         50         FG28COG1H121JNTO□           COG         150pF         ±5%         50         FG28COG1H221JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         230pF         ±5%         50         FG28COG1H221JNTO□           COG         330pF         ±5%         50         FG28COG1H221JNTO□           COG         39opF         ±5%         50         FG28COG1H331JNTO□           COG         47opF         ±5%         50		<u>'</u>			
COG         47pF         ±5%         50         FG28COG1H470JNTO□           COG         56pF         ±5%         50         FG28COG1H560JNTO□           COG         68pF         ±5%         50         FG28COG1H680JNTO□           COG         82pF         ±5%         50         FG28COG1H101JNTO□           COG         10pF         ±5%         50         FG28COG1H101JNTO□           COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         150pF         ±5%         50         FG28COG1H151JNTO□           COG         180pF         ±5%         50         FG28COG1H181JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H221JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H471JNTO□           COG         470pF         ±5%         50         FG28COG1H471JNTO□           COG         560pF         ±5%         50         FG28COG1H861JNTO□           COG         680pF         ±5%         50		<u>'</u>		50	
COG         56pF         ±5%         50         FG28COG1H860JNTO□           COG         68pF         ±5%         50         FG28COG1H860JNTO□           COG         82pF         ±5%         50         FG28COG1H101JNTO□           COG         100pF         ±5%         50         FG28COG1H101JNTO□           COG         120pF         ±5%         50         FG28COG1H151JNTO□           COG         150pF         ±5%         50         FG28COG1H151JNTO□           COG         180pF         ±5%         50         FG28COG1H221JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H221JNTO□           COG         330pF         ±5%         50         FG28COG1H221JNTO□           COG         390pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         470pF         ±5%         50         FG28COG1H361JNTO□           COG         560pF         ±5%         50         FG28COG1H861JNTO□           COG         680pF         ±5%         50		· · · · · · · · · · · · · · · · · · ·		50	
COG         68pF         ±5%         50         FG28COG1H680JNTO□           COG         82pF         ±5%         50         FG28COG1H82JNTO□           COG         100pF         ±5%         50         FG28COG1H101JNTO□           COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         150pF         ±5%         50         FG28COG1H181JNTO□           COG         180pF         ±5%         50         FG28COG1H21JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H271JNTO□           COG         330pF         ±5%         50         FG28COG1H271JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         330pF         ±5%         50         FG28COG1H319JNTO□           COG         470pF         ±5%         50         FG28COG1H47JNTO□           COG         560pF         ±5%         50         FG28COG1H461JNTO□           COG         680pF         ±5%         50         FG28COG1H821JNTO□           COG         1nF         ±5%         50 <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
COG         82pF         ±5%         50         FG28COG1H820JNTO□           COG         100pF         ±5%         50         FG28COG1H101JNTO□           COG         120pF         ±5%         50         FG28COG1H12JNTO□           COG         150pF         ±5%         50         FG28COG1H15IJNTO□           COG         180pF         ±5%         50         FG28COG1H18IJNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H221JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         390pF         ±5%         50         FG28COG1H471JNTO□           COG         470pF         ±5%         50         FG28COG1H561JNTO□           COG         560pF         ±5%         50         FG28COG1H861JNTO□           COG         680pF         ±5%         50         FG28COG1H821JNTO□           COG         820pF         ±5%         50         FG28COG1H821JNTO□           COG         1.5nF         ±5%         50		68pF		50	
COG         100pF         ±5%         50         FG28COG1H101JNT0□           COG         120pF         ±5%         50         FG28COG1H121JNT0□           COG         150pF         ±5%         50         FG28COG1H121JNT0□           COG         180pF         ±5%         50         FG28COG1H181JNT0□           COG         220pF         ±5%         50         FG28COG1H221JNT0□           COG         270pF         ±5%         50         FG28COG1H271JNT0□           COG         330pF         ±5%         50         FG28COG1H331JNT0□           COG         390pF         ±5%         50         FG28COG1H391JNT0□           COG         470pF         ±5%         50         FG28COG1H591JNT0□           COG         560pF         ±5%         50         FG28COG1H681JNT0□           COG         680pF         ±5%         50         FG28COG1H881JNT0□           COG         680pF         ±5%         50         FG28COG1H881JNT0□           COG         820pF         ±5%         50         FG28COG1H82JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.5nF         ±5%         50	C0G	82pF		50	
COG         120pF         ±5%         50         FG28COG1H121JNTO□           COG         150pF         ±5%         50         FG28COG1H151JNTO□           COG         180pF         ±5%         50         FG28COG1H181JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H271JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         470pF         ±5%         50         FG28COG1H391JNTO□           COG         560pF         ±5%         50         FG28COG1H471JNTO□           COG         680pF         ±5%         50         FG28COG1H681JNTO□           COG         680pF         ±5%         50         FG28COG1H881JNTO□           COG         820pF         ±5%         50         FG28COG1H881JNTO□           COG         1.2nF         ±5%         50         FG28COG1H102JNTO□           COG         1.2nF         ±5%         50         FG28COG1H122JNTO□           COG         1.5nF         ±5%         50	C0G	100pF		50	
COG         150pF         ±5%         50         FG28COG1H151JNT0□           COG         180pF         ±5%         50         FG28COG1H181JNT0□           COG         220pF         ±5%         50         FG28COG1H221JNT0□           COG         270pF         ±5%         50         FG28COG1H271JNT0□           COG         330pF         ±5%         50         FG28COG1H331JNT0□           COG         390pF         ±5%         50         FG28COG1H391JNT0□           COG         470pF         ±5%         50         FG28COG1H471JNT0□           COG         560pF         ±5%         50         FG28COG1H561JNT0□           COG         680pF         ±5%         50         FG28COG1H851JNT0□           COG         680pF         ±5%         50         FG28COG1H821JNT0□           COG         820pF         ±5%         50         FG28COG1H821JNT0□           COG         1.2nF         ±5%         50         FG28COG1H102JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.5nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50	C0G	120pF		50	
COG         180pF         ±5%         50         FG28COG1H181JNTO□           COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H221JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         470pF         ±5%         50         FG28COG1H471JNTO□           COG         470pF         ±5%         50         FG28COG1H561JNTO□           COG         560pF         ±5%         50         FG28COG1H681JNTO□           COG         680pF         ±5%         50         FG28COG1H821JNTO□           COG         820pF         ±5%         50         FG28COG1H821JNTO□           COG         1nF         ±5%         50         FG28COG1H12JNTO□           COG         1.2nF         ±5%         50         FG28COG1H152JNTO□           COG         1.5nF         ±5%         50         FG28COG1H182JNTO□           COG         1.8nF         ±5%         50         FG28COG1H22JNTO□           COG         2.2nF         ±5%         50		150pF		50	
COG         220pF         ±5%         50         FG28COG1H221JNTO□           COG         270pF         ±5%         50         FG28COG1H271JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         470pF         ±5%         50         FG28COG1H471JNTO□           COG         560pF         ±5%         50         FG28COG1H561JNTO□           COG         680pF         ±5%         50         FG28COG1H81JNTO□           COG         820pF         ±5%         50         FG28COG1H821JNTO□           COG         1nF         ±5%         50         FG28COG1H102JNTO□           COG         1.2nF         ±5%         50         FG28COG1H12JNTO□           COG         1.5nF         ±5%         50         FG28COG1H152JNTO□           COG         1.8nF         ±5%         50         FG28COG1H22JNTO□           COG         2.2nF         ±5%         50         FG28COG1H22JNTO□           COG         3.3nF         ±5%         50         FG28COG1H332JNTO□           COG         3.9nF         ±5%         50         <	C0G	180pF	±5%	50	
COG         270pF         ±5%         50         FG28COG1H271JNTO□           COG         330pF         ±5%         50         FG28COG1H331JNTO□           COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         470pF         ±5%         50         FG28COG1H471JNTO□           COG         560pF         ±5%         50         FG28COG1H561JNTO□           COG         680pF         ±5%         50         FG28COG1H681JNTO□           COG         820pF         ±5%         50         FG28COG1H821JNTO□           COG         1nF         ±5%         50         FG28COG1H102JNTO□           COG         1.2nF         ±5%         50         FG28COG1H122JNTO□           COG         1.5nF         ±5%         50         FG28COG1H122JNTO□           COG         1.8nF         ±5%         50         FG28COG1H22JNTO□           COG         2.2nF         ±5%         50         FG28COG1H322JNTO□           COG         3.3nF         ±5%         50         FG28COG1H332JNTO□           COG         3.9nF         ±5%         50         FG28COG1H392JNTO□           COG         4.7nF         ±5%         50	C0G	220pF	±5%	50	
COG         390pF         ±5%         50         FG28COG1H391JNTO□           COG         470pF         ±5%         50         FG28COG1H471JNTO□           COG         560pF         ±5%         50         FG28COG1H561JNTO□           COG         680pF         ±5%         50         FG28COG1H681JNTO□           COG         820pF         ±5%         50         FG28COG1H821JNTO□           COG         1nF         ±5%         50         FG28COG1H102JNTO□           COG         1.2nF         ±5%         50         FG28COG1H122JNTO□           COG         1.5nF         ±5%         50         FG28COG1H182JNTO□           COG         1.8nF         ±5%         50         FG28COG1H22JNTO□           COG         2.2nF         ±5%         50         FG28COG1H22JNTO□           COG         2.7nF         ±5%         50         FG28COG1H332JNTO□           COG         3.3nF         ±5%         50         FG28COG1H472JNTO□           COG         4.7nF         ±5%         50         FG28COG1H562JNTO□           COG         5.6nF         ±5%         50         FG28COG1H682JNTO□	C0G	270pF	±5%	50	
COG         390pF         ±5%         50         FG28COG1H391JNT0□           COG         470pF         ±5%         50         FG28COG1H471JNT0□           COG         560pF         ±5%         50         FG28COG1H561JNT0□           COG         680pF         ±5%         50         FG28COG1H681JNT0□           COG         820pF         ±5%         50         FG28COG1H821JNT0□           COG         1nF         ±5%         50         FG28COG1H102JNT0□           COG         1.2nF         ±5%         50         FG28COG1H122JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H332JNT0□           COG         3.3nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H682JNT0□	C0G	330pF	±5%	50	FG28C0G1H331JNT0
COG         560pF         ±5%         50         FG28COG1H561JNT0□           COG         680pF         ±5%         50         FG28COG1H681JNT0□           COG         820pF         ±5%         50         FG28COG1H821JNT0□           COG         1nF         ±5%         50         FG28COG1H102JNT0□           COG         1.2nF         ±5%         50         FG28COG1H122JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H332JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H472JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H682JNT0□           COG         5.6nF         ±5%         50         FG28COG1H682JNT0□	C0G	390pF		50	
COG         680pF         ±5%         50         FG28COG1H681JNT0□           COG         820pF         ±5%         50         FG28COG1H821JNT0□           COG         1nF         ±5%         50         FG28COG1H102JNT0□           COG         1.2nF         ±5%         50         FG28COG1H122JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H472JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	470pF	±5%	50	FG28C0G1H471JNT0
COG         680pF         ±5%         50         FG28COG1H681JNT0□           COG         820pF         ±5%         50         FG28COG1H821JNT0□           COG         1nF         ±5%         50         FG28COG1H102JNT0□           COG         1.2nF         ±5%         50         FG28COG1H122JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H472JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	560pF	±5%	50	FG28C0G1H561JNT0□
COG         1nF         ±5%         50         FG28COG1H102JNT0□           COG         1.2nF         ±5%         50         FG28COG1H122JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	680pF	±5%	50	FG28C0G1H681JNT0□
COG         1.2nF         ±5%         50         FG28COG1H122JNT0□           COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	820pF	±5%	50	FG28C0G1H821JNT0□
COG         1.5nF         ±5%         50         FG28COG1H152JNT0□           COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	1nF	±5%	50	FG28C0G1H102JNT0□
COG         1.8nF         ±5%         50         FG28COG1H182JNT0□           COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	1.2nF	±5%	50	FG28C0G1H122JNT0□
COG         2.2nF         ±5%         50         FG28COG1H222JNT0□           COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□			±5%		FG28C0G1H152JNT0□
COG         2.7nF         ±5%         50         FG28COG1H272JNT0□           COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	1.8nF	±5%	50	FG28C0G1H182JNT0□
COG         3.3nF         ±5%         50         FG28COG1H332JNT0□           COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	2.2nF	±5%	50	FG28C0G1H222JNT0□
COG         3.9nF         ±5%         50         FG28COG1H392JNT0□           COG         4.7nF         ±5%         50         FG28COG1H472JNT0□           COG         5.6nF         ±5%         50         FG28COG1H562JNT0□           COG         6.8nF         ±5%         50         FG28COG1H682JNT0□	C0G	2.7nF	±5%	50	FG28C0G1H272JNT0□
C0G         4.7nF         ±5%         50         FG28C0G1H472JNT0□           C0G         5.6nF         ±5%         50         FG28C0G1H562JNT0□           C0G         6.8nF         ±5%         50         FG28C0G1H682JNT0□			±5%		FG28C0G1H332JNT0□
C0G         5.6nF         ±5%         50         FG28C0G1H562JNT0□           C0G         6.8nF         ±5%         50         FG28C0G1H682JNT0□	C0G		±5%	50	FG28C0G1H392JNT0□
C0G 6.8nF ±5% 50 FG28C0G1H682JNT0		4.7nF	±5%		FG28C0G1H472JNT0□
	C0G	5.6nF	±5%	50	FG28C0G1H562JNT0□
C0G 8.2nF ±5% 50 FG28C0G1H822JNT0□			±5%		FG28C0G1H682JNT0□
	C0G	8.2nF	±5%	50	FG28C0G1H822JNT0□

<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
C0G	10nF	±5%	50	FG28C0G1H103JNT0□**
C0G	1.0pF	±0.25pF	100	FG28C0G2A010CNT0□
C0G	1.5pF	±0.25pF	100	FG28C0G2A1R5CNT0
C0G	2.0pF	±0.25pF	100	FG28C0G2A020CNT0□
C0G	2.2pF	±0.25pF	100	FG28C0G2A2R2CNT0
C0G	3.0pF	±0.25pF	100	FG28C0G2A030CNT0□
C0G	3.3pF	±0.25pF	100	FG28C0G2A3R3CNT0
C0G	4.0pF	±0.25pF	100	FG28C0G2A040CNT0□
C0G	4.7pF	±0.25pF	100	FG28C0G2A4R7CNT0
C0G	5.0pF	±0.25pF	100	FG28C0G2A050CNT0□
C0G	6.0pF	±0.5pF	100	FG28C0G2A060DNT0
C0G	6.8pF	±0.5pF	100	FG28C0G2A6R8DNT0
C0G	7.0pF	±0.5pF	100	FG28C0G2A070DNT0
C0G	8.0pF	±0.5pF	100	FG28C0G2A080DNT0
C0G	9.0pF	±0.5pF	100	FG28C0G2A090DNT0
C0G	10pF	±0.5pF	100	FG28C0G2A100DNT0
COG	12pF	±5%	100	FG28C0G2A120JNT0
C0G	15pF	±5%	100	FG28C0G2A150JNT0
C0G	18pF	±5%	100	FG28C0G2A180JNT0
COG	22pF	±5%	100	FG28C0G2A220JNT0
COG	27pF	±5%	100	FG28C0G2A270JNT0
COG	33pF	±5%	100	FG28C0G2A330JNT0
COG	39pF	±5%	100	FG28C0G2A390JNT0
C0G	47pF	±5%	100	FG28C0G2A470JNT0
COG	56pF	±5%	100	FG28C0G2A560JNT0
COG	68pF	±5%	100	FG28C0G2A680JNT0
COG	82pF	±5%	100	FG28C0G2A820JNT0
COG	100pF	±5%	100	FG28C0G2A101JNT0
COG	120pF	±5%	100	FG28C0G2A121JNT0
COG	150pF	±5%	100	FG28C0G2A151JNT0
COG	180pF	±5%	100	FG28C0G2A181JNT0
COG	220pF	±5%	100	FG28C0G2A221JNT0
COG	270pF	±5%	100	FG28C0G2A221JNT0
COG	330pF	±5%	100	FG28C0G2A331JNT0
C0G	390pF	±5%	100	FG28C0G2A391JNT0
COG	470pF	±5%	100	FG28C0G2A471JNT0
COG	560pF	±5%	100	
COG	680pF	±5%	100	FG28C0G2A561JNT0□ FG28C0G2A681JNT0□
C0G	820pF		100	
COG	1nF	±5% ±5%	100	FG28C0G2A821JNT0
COG	1.2nF		100	FG28C0G2A102JNT0
COG	1.5nF	±5% ±5%	100	FG28C0G2A152 INTO
COG	1.8nF		100	FG28C0G2A132JNT0
C0G C0G		±5%	100	FG28C0G2A182JNT0
C0G C0G	2.2nF 2.7nF	±5%	100	FG28C0G2A2Z2JNT0
C0G C0G	2.7nF 3.3nF	±5%	100	FG28C0G2A272JNT0
		±5%		FG28C0G2A332JNT0
C0G	3.9nF	±5%	100	FG28C0G2A392JRT0
C0G	4.7nF	±5%	100	FG28C0G2A472JRT0
C0G	5.6nF	±5%	100	FG28C0G2A562JRT0
C0G	6.8nF	±5%	100	FG28C0G2A682JRT0
C0G	8.2nF	±5%	100	FG28C0G2A822JRT0
C0G	10nF	±5%	100	FG28C0G2A103JRT0□

<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The " - " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



### **■ ELECTRICAL CHARACTERISTICS**

□CHARACTERISTICS SPECIFICATION TABLE

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
C0G	100pF	±5%	250	FG28C0G2E101JNT0 = **
C0G	120pF	±5%	250	FG28C0G2E121JNT0□
C0G	150pF	±5%	250	FG28C0G2E151JNT0□
C0G	180pF	±5%	250	FG28C0G2E181JNT0□
C0G	220pF	±5%	250	FG28C0G2E221JNT0□
C0G	270pF	±5%	250	FG28C0G2E271JNT0□
C0G	330pF	±5%	250	FG28C0G2E331JNT0
C0G	390pF	±5%	250	FG28C0G2E391JNT0□
C0G	470pF	±5%	250	FG28C0G2E471JNT0□
C0G	560pF	±5%	250	FG28C0G2E561JNT0□
C0G	680pF	±5%	250	FG28C0G2E681JNT0□
C0G	820pF	±5%	250	FG28C0G2E821JNT0
C0G	1nF	±5%	250	FG28C0G2E102JNT0
C0G	1.2nF	±5%	250	FG28C0G2E122JNT0□
C0G	1.5nF	±5%	250	FG28C0G2E152JNT0
C0G	1.8nF	±5%	250	FG28C0G2E182JNT0□
C0G	2.2nF	±5%	250	FG28C0G2E222JNT0

<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
X5R	1.5uF	±10%	25	FG28X5R1E155KRT0 = **
X5R	2.2uF	±10%	25	FG28X5R1E225KRT0□
X5R	3.3uF	±10%	25	FG28X5R1E335KRT0□
X5R	4.7uF	±10%	25	FG28X5R1E475KRT0
X5R	6.8uF	±10%	25	FG28X5R1E685KRT0
X5R	10uF	±20%	25	FG28X5R1E106MRT0
X5R	680nF	±10%	50	FG28X5R1H684KRT0
X5R	1uF	±10%	50	FG28X5R1H105KRT0
X7R	1.5uF	±10%	10	FG28X7R1A155KRT0
X7R	2.2uF	±10%	10	FG28X7R1A225KRT0□
X7R	150nF	±10%	25	FG28X7R1E154KNT0
X7R	680nF	±10%	25	FG28X7R1E684KRT0
X7R	1uF	±10%	25	FG28X7R1E105KRT0
X7R	220pF	±10%	50	FG28X7R1H221KNT0
X7R	330pF	±10%	50	FG28X7R1H331KNT0
X7R	470pF	±10%	50	FG28X7R1H471KNT0
X7R	680pF	±10%	50	FG28X7R1H681KNT0
X7R	1nF	±10%	50	FG28X7R1H102KNT0
X7R	1.5nF	±10%	50	FG28X7R1H152KNT0
X7R	2.2nF	±10%	50	FG28X7R1H222KNT0
X7R	3.3nF		50	
X7R	4.7nF	±10%	50	FG28X7R1H332KNT0
X7R	6.8nF	±10%	50	FG28X7R1H472KNT0
		±10%		FG28X7R1H682KNT0
X7R	10nF	±10%	50	FG28X7R1H103KNT0
X7R X7R	15nF 22nF	±10%	50 50	FG28X7R1H153KNT0
		±10%		FG28X7R1H223KNT0
X7R	33nF	±10%	50	FG28X7R1H333KNT0
X7R	47nF	±10%	50	FG28X7R1H473KNT0
X7R	68nF	±10%	50	FG28X7R1H683KNT0
X7R	100nF	±10%	50	FG28X7R1H104KNT0
X7R	150nF	±10%	50	FG28X7R1H154KRT0□
X7R	220nF	±10%	50	FG28X7R1H224KRT0□
X7R	330nF	±10%	50	FG28X7R1H334KRT0□
X7R	470nF	±10%	50	FG28X7R1H474KRT0□
X7R	220pF	±10%	100	FG28X7R2A221KNT0□
X7R	330pF	±10%	100	FG28X7R2A331KNT0□
X7R	470pF	±10%	100	FG28X7R2A471KNT0□
X7R	680pF	±10%	100	FG28X7R2A681KNT0□
X7R	1nF	±10%	100	FG28X7R2A102KNT0□
X7R	1.5nF	±10%	100	FG28X7R2A152KNT0□
X7R	2.2nF	±10%	100	FG28X7R2A222KNT0□
X7R	3.3nF	±10%	100	FG28X7R2A332KNT0□
X7R	4.7nF	±10%	100	FG28X7R2A472KNT0□
X7R	6.8nF	±10%	100	FG28X7R2A682KNT0□
X7R	10nF	±10%	100	FG28X7R2A103KNT0□
X7R	15nF	±10%	100	FG28X7R2A153KNT0
X7R	22nF	±10%	100	FG28X7R2A223KNT0
X7S	33nF	±10%	100	FG28X7S2A333KRT0□
X7S	47nF	±10%	100	FG28X7S2A473KRT0
X7S	68nF	±10%	100	FG28X7S2A683KRT0
X7S	100nF	±10%	100	FG28X7S2A104KRT0
		-10/0		. 3.25.0. 52/110 110110

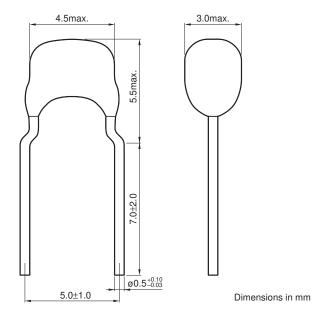
<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# FG24 Type

### ■SHAPE & DIMENSIONS







# FG24 Type

### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Temperature	Capacitance	Tolerance	Rated voltage	Part No.*
characteristics	· .	-04	Edc (V)	
COG	15nF	±5%	50	FG24C0G1H153JNT0 =**
C0G	22nF	±5%	50	FG24C0G1H223JNT0□
C0G	33nF	±5%	50	FG24C0G1H333JNT0
C0G	3.9nF	±5%	100	FG24C0G2A392JNT0
C0G	4.7nF	±5%	100	FG24C0G2A472JNT0□
C0G	5.6nF	±5%	100	FG24C0G2A562JNT0□
C0G	6.8nF	±5%	100	FG24C0G2A682JNT0□
C0G	8.2nF	±5%	100	FG24C0G2A822JNT0□
COG	10nF	±5%	100	FG24C0G2A103JNT0□
C0G	15nF	±5%	100	FG24C0G2A153JRT0□
C0G	22nF	±5%	100	FG24C0G2A223JRT0□
C0G	33nF	±5%	100	FG24C0G2A333JRT0□
COG	2.7nF	±5%	250	FG24C0G2E272JNT0□
C0G	3.3nF	±5%	250	FG24C0G2E332JNT0□
C0G	3.9nF	±5%	250	FG24C0G2E392JNT0□
C0G	4.7nF	±5%	250	FG24C0G2E472JNT0
C0G	5.6nF	±5%	250	FG24C0G2E562JNT0
C0G	6.8nF	±5%	250	FG24C0G2E682JNT0
C0G	8.2nF	±5%	250	FG24C0G2E822JNT0
C0G	10nF	±5%	250	FG24C0G2E103JNT0□
C0G	100pF	±5%	450	FG24C0G2W101JNT0
C0G	120pF	±5%	450	FG24C0G2W121JNT0□
C0G	150pF	±5%	450	FG24C0G2W151JNT0
C0G	180pF	±5%	450	FG24C0G2W181JNT0
C0G	220pF	±5%	450	FG24C0G2W221JNT0
C0G	270pF	±5%	450	FG24C0G2W271JNT0
C0G	330pF	±5%	450	FG24C0G2W331JNT0
C0G	390pF	±5%	450	FG24C0G2W391JNT0
C0G	470pF	±5%	450	FG24C0G2W471JNT0
C0G	560pF	±5%	450	FG24C0G2W561JNT0□
C0G	680pF	±5%	450	FG24C0G2W681JNT0
C0G	820pF	±5%	450	FG24C0G2W821JNT0
C0G	1nF	±5%	450	FG24C0G2W102JNT0
C0G	1.2nF	±5%	450	FG24C0G2W122JNT0
C0G	1.5nF	±5%	450	FG24C0G2W152JNT0□
C0G	1.8nF	±5%	450	FG24C0G2W182JNT0
COG	2.2nF	±5%	450	FG24C0G2W222JNT0
COG	2.7nF	±5%	450	FG24C0G2W272JNT0
COG	3.3nF	±5%	450	FG24C0G2W332JNT0
COG	3.9nF	±5%	450	FG24C0G2W392JNT0
COG	4.7nF	±5%	450	FG24C0G2W472JNT0
COG	5.6nF	±5%	450	FG24C0G2W472JNT0
554	0.0111	<b>±3</b> /0	700	I GETOUGE VYJUEUN I U

 $<sup>^{\</sup>star}$  The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# FG24 Type

### **■ ELECTRICAL CHARACTERISTICS**

□CHARACTERISTICS SPECIFICATION TABLE

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
X5R	15uF	±20%	25	FG24X5R1E156MRT0□**
X5R	22uF	±20%	25	FG24X5R1E226MRT0□
X5R	3.3uF	±10%	50	FG24X5R1H335KRT0□
X5R	4.7uF	±10%	50	FG24X5R1H475KRT0□
X7R	6.8uF	±10%	10	FG24X7R1A685KRT0□
X7R	10uF	±10%	10	FG24X7R1A106KRT0□
X7R	680nF	±10%	16	FG24X7R1C684KNT0□
X7R	470nF	±10%	25	FG24X7R1E474KNT0□
X7R	3.3uF	±10%	25	FG24X7R1E335KRT0□
X7R	4.7uF	±10%	25	FG24X7R1E475KRT0□
X7R	150nF	±10%	50	FG24X7R1H154KNT0□
X7R	220nF	±10%	50	FG24X7R1H224KNT0□
X7R	330nF	±10%	50	FG24X7R1H334KNT0□
X7R	680nF	±10%	50	FG24X7R1H684KRT0□
X7R	1uF	±10%	50	FG24X7R1H105KRT0□
X7R	1.5uF	±10%	50	FG24X7R1H155KRT0□
X7R	2.2uF	±10%	50	FG24X7R1H225KRT0□
X7R	33nF	±10%	100	FG24X7R2A333KNT0□
X7R	47nF	±10%	100	FG24X7R2A473KNT0□
X7R	68nF	±10%	100	FG24X7R2A683KNT0□
X7R	100nF	±10%	100	FG24X7R2A104KNT0□
X7R	1nF	±10%	250	FG24X7R2E102KNT0□
X7R	1.5nF	±10%	250	FG24X7R2E152KNT0□
X7R	2.2nF	±10%	250	FG24X7R2E222KNT0□
X7R	3.3nF	±10%	250	FG24X7R2E332KNT0□
X7R	4.7nF	±10%	250	FG24X7R2E472KNT0□
X7R	6.8nF	±10%	250	FG24X7R2E682KNT0□
X7R	10nF	±10%	250	FG24X7R2E103KNT0□
X7R	15nF	±10%	250	FG24X7R2E153KNT0□
X7R	22nF	±10%	250	FG24X7R2E223KNT0□
X7S	150nF	±10%	100	FG24X7S2A154KRT0□
X7S	220nF	±10%	100	FG24X7S2A224KRT0□
X7S	330nF	±10%	100	FG24X7S2A334KRT0□
X7S	470nF	±10%	100	FG24X7S2A474KRT0□
X7S	680nF	±10%	100	FG24X7S2A684KRT0□
X7S	1uF	±10%	100	FG24X7S2A105KRT0□
X7T	33nF	±10%	250	FG24X7T2E333KNT0□
X7T	47nF	±10%	250	FG24X7T2E473KNT0□
X7T	68nF	±10%	250	FG24X7T2E683KNT0□
X7T	100nF	±10%	250	FG24X7T2E104KNT0□

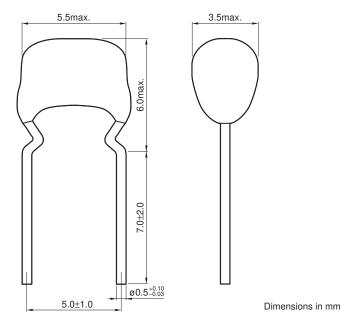
<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# FG26 Type

### ■SHAPE & DIMENSIONS







# FG26 Type

### **■ ELECTRICAL CHARACTERISTICS**

□CHARACTERISTICS SPECIFICATION TABLE

Temperature	Capacitance	Tolerance	Rated voltage	Part No.*
characteristics	Capacitance	Tolerance	Edc (V)	rait NO.
C0G	47nF	±5%	50	FG26C0G1H473JNT0 = **
C0G	68nF	±5%	50	FG26C0G1H683JNT0□
C0G	100nF	±5%	50	FG26C0G1H104JNT0□
C0G	15nF	±5%	100	FG26C0G2A153JNT0□
C0G	22nF	±5%	100	FG26C0G2A223JNT0□
C0G	33nF	±5%	100	FG26C0G2A333JNT0□
C0G	47nF	±5%	100	FG26C0G2A473JRT0□
C0G	68nF	±5%	100	FG26C0G2A683JRT0□
C0G	100nF	±5%	100	FG26C0G2A104JRT0□
C0G	15nF	±5%	250	FG26C0G2E153JNT0□
C0G	22nF	±5%	250	FG26C0G2E223JNT0□
C0G	6.8nF	±5%	450	FG26C0G2W682JNT0□
C0G	8.2nF	±5%	450	FG26C0G2W822JNT0□
C0G	10nF	±5%	450	FG26C0G2W103JNT0□
C0G	15nF	±5%	450	FG26C0G2W153JNT0
C0G	100pF	±5%	630	FG26C0G2J101JNT0
C0G	120pF	±5%	630	FG26C0G2J121JNT0
C0G	150pF	±5%	630	FG26C0G2J151JNT0
C0G	180pF	±5%	630	FG26C0G2J181JNT0
C0G	220pF	±5%	630	FG26C0G2J221JNT0
C0G	270pF	±5%	630	FG26C0G2J271JNT0
C0G	330pF	±5%	630	FG26C0G2J331JNT0□
C0G	390pF	±5%	630	FG26C0G2J391JNT0
C0G	470pF	±5%	630	FG26C0G2J471JNT0
C0G	560pF	±5%	630	FG26C0G2J561JNT0
C0G	680pF	±5%	630	FG26C0G2J681JNT0
C0G	820pF	±5%	630	FG26C0G2J821JNT0
C0G	1nF	±5%	630	FG26C0G2J102JNT0□
C0G	1.2nF	±5%	630	FG26C0G2J122JNT0
C0G	1.5nF	±5%	630	FG26C0G2J152JNT0
C0G	1.8nF	±5%	630	FG26C0G2J182JNT0
C0G	2.2nF	±5%	630	FG26C0G2J222JNT0□
C0G	2.7nF	±5%	630	FG26C0G2J272JNT0□
C0G	3.3nF	±5%	630	FG26C0G2J332JNT0
C0G	3.9nF	±5%	630	FG26C0G2J392JNT0□
C0G	4.7nF	±5%	630	FG26C0G2J472JNT0□
C0G	5.6nF	±5%	630	FG26C0G2J562JNT0□
C0G	6.8nF	±5%	630	FG26C0G2J682JNT0□
C0G	8.2nF	±5%	630	FG26C0G2J822JNT0
C0G	10nF	±5%	630	FG26C0G2J103JNT0

 $<sup>^{\</sup>star}$  The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# FG26 Type

### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

X5R   33UF   ±20%   25	Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
X5R	X5R	33uF	±20%	25	FG26X5R1E336MRT0□**
X5R	X5R	47uF	±20%	25	FG26X5R1E476MRT0□
X7R         1uF         ±10%         25         FG26X7R1E105KNT0□           X7R         1.5uF         ±10%         25         FG26X7R1E155KNT0□           X7R         2.2uF         ±10%         25         FG26X7R1E25KNT0□           X7R         6.8uF         ±10%         25         FG26X7R1E685KRT0□           X7R         10uF         ±10%         25         FG26X7R1E106KRT0□           X7R         47uF         ±10%         50         FG26X7R1H474KNT0□           X7R         680nF         ±10%         50         FG26X7R1H684KNT0□           X7R         3.3uF         ±10%         50         FG26X7R1H635KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H635KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H435KRT0□           X7R         4.7uF         ±10%         100         FG26X7R24154KNT0□           X7R         150nF         ±10%         100         FG26X7R24354KNT0□           X7R         220nF         ±10%         100         FG26X7R24334KNT0□           X7R         330nF         ±10%         100         FG26X7R24334KNT0□           X7R         680nF         ±10%         <		6.8uF	±10%	50	FG26X5R1H685KRT0□
X7R         1.5uF         ±10%         25         FG26X7R1E155KNT0□           X7R         2.2uF         ±10%         25         FG26X7R1E225KNT0□           X7R         6.8uF         ±10%         25         FG26X7R1E25KNT0□           X7R         10uF         ±10%         25         FG26X7R1E06KRT0□           X7R         470nF         ±10%         50         FG26X7R1H476KNT0□           X7R         3.3uF         ±10%         50         FG26X7R1H475KRT0□           X7R         3.3uF         ±10%         50         FG26X7R1H475KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H475KRT0□           X7R         150nF         ±10%         100         FG26X7R1H475KRT0□           X7R         220nF         ±10%         100         FG26X7R2A224KNT0□           X7R         330nF         ±10%         100         FG26X7R2A334KNT0□           X7R         470nF         ±10%         100         FG26X7R2A394KNT0□           X7R         450nF         ±10%         100         FG26X7R2A694KNT0□           X7R         470nF         ±10%         100         FG26X7R2A694KNT0□           X7R         10mF         ±10%	X5R		±10%	50	FG26X5R1H106KRT0□
X7R         2.2uF         ±10%         25         FG26X7R1E225KNT0□           X7R         6.8uF         ±10%         25         FG26X7R1E205KNT0□           X7R         10uF         ±10%         25         FG26X7R1E106KRT0□           X7R         470nF         ±10%         50         FG26X7R1H474KNT0□           X7R         470nF         ±10%         50         FG26X7R1H475KRT0□           X7R         3.3uF         ±10%         50         FG26X7R1H475KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H475KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H475KRT0□           X7R         150nF         ±10%         100         FG26X7R2A154KNT0□           X7R         220nF         ±10%         100         FG26X7R2A224KNT0□           X7R         23onF         ±10%         100         FG26X7R2A34KNT0□           X7R         47onF         ±10%         100         FG26X7R2A474KNT0□           X7R         680nF         ±10%         100         FG26X7R2A694KNT0□           X7R         1uF         ±10%         100         FG26X7R2A694KNT0□           X7R         1uF         ±10%	X7R	1uF	±10%	25	FG26X7R1E105KNT0□
X7R         6.8uF         ±10%         25         FG28X7R1E688KRT0□           X7R         10uF         ±10%         25         FG26X7R1E106KRT0□           X7R         470nF         ±10%         50         FG26X7R1H474KNT0□           X7R         680nF         ±10%         50         FG26X7R1H475KRT0□           X7R         3.3uF         ±10%         50         FG26X7R1H35KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H35KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H35KRT0□           X7R         150nF         ±10%         100         FG26X7R2A154KNT0□           X7R         220nF         ±10%         100         FG26X7R2A24KNT0□           X7R         330nF         ±10%         100         FG26X7R2A34KNT0□           X7R         470nF         ±10%         100         FG26X7R2A684KNT0□           X7R         4680nF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         250         FG26X7R2A684KNT0□           X7R         1uF         ±10%         250         FG26X7R2A684KNT0□           X7R         1uF         ±10%	X7R	1.5uF	±10%	25	FG26X7R1E155KNT0□
X7R         10uF         ±10%         25         FG26X7R1E106KRTD           X7R         470nF         ±10%         50         FG26X7R1H474KNT0           X7R         680nF         ±10%         50         FG26X7R1H684KNT0           X7R         3.3uF         ±10%         50         FG26X7R1H635KRT0           X7R         4.7uF         ±10%         50         FG26X7R1H475KRT0           X7R         150nF         ±10%         100         FG26X7R242454KNT0           X7R         150nF         ±10%         100         FG26X7R242454KNT0           X7R         220nF         ±10%         100         FG26X7R242454KNT0           X7R         330nF         ±10%         100         FG26X7R24334KNT0           X7R         470nF         ±10%         100         FG26X7R24334KNT0           X7R         470nF         ±10%         100         FG26X7R24334KNT0           X7R         1uF         ±10%         100         FG26X7R24334KNT0           X7R         47nF         ±10%         100         FG26X7R24334KNT0           X7R         1uF         ±10%         250         FG26X7R2433KNT0           X7R         47nF         ±10%         250 <td></td> <td>2.2uF</td> <td>±10%</td> <td>25</td> <td>FG26X7R1E225KNT0□</td>		2.2uF	±10%	25	FG26X7R1E225KNT0□
X7R         470nF         ±10%         50         FG26X7R1H474KNT0□           X7R         680nF         ±10%         50         FG26X7R1H684KNT0□           X7R         3.3uF         ±10%         50         FG26X7R1H35KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H375KRT0□           X7R         150nF         ±10%         100         FG26X7R2A154KNT0□           X7R         220nF         ±10%         100         FG26X7R2A224KNT0□           X7R         330nF         ±10%         100         FG26X7R2A334KNT0□           X7R         470nF         ±10%         100         FG26X7R2A344KNT0□           X7R         470nF         ±10%         100         FG26X7R2A154KNT0□           X7R         470nF         ±10%         100         FG26X7R2A274KNT0□           X7R         470nF         ±10%         100         FG26X7R2A3165KNT0□           X7R         470nF         ±10%         250         FG26X7R2A3165KNT0□           X7R         140m         ±10%         250         FG26X7R2E335KNT0□           X7R         47nF         ±10%         250         FG26X7R2E633KNT0□           X7R         15nF         ±10%		6.8uF	±10%		FG26X7R1E685KRT0□
X7R         680nF         ±10%         50         FG26X7R1H684KNT0□           X7R         3.3uF         ±10%         50         FG26X7R1H335KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H475KRT0□           X7R         150nF         ±10%         100         FG26X7R2A154KNT0□           X7R         220nF         ±10%         100         FG26X7R2A334KNT0□           X7R         330nF         ±10%         100         FG26X7R2A334KNT0□           X7R         470nF         ±10%         100         FG26X7R2A474KNT0□           X7R         680nF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A684KNT0□           X7R         47nF         ±10%         250         FG26X7R2E333KNT0□           X7R         47nF         ±10%         250         FG26X7R2E333KNT0□           X7R         47nF         ±10%         250         FG26X7R2L102KNT0□           X7R         1nF         ±10%	X7R	10uF	±10%	25	FG26X7R1E106KRT0□
X7R         3.3uF         ±10%         50         FG26X7R1H335KRT0□           X7R         4.7uF         ±10%         50         FG26X7R1H375KRT0□           X7R         150nF         ±10%         100         FG26X7R2A154KNT0□           X7R         150nF         ±10%         100         FG26X7R2A224KNT0□           X7R         220nF         ±10%         100         FG26X7R2A344KNT0□           X7R         330nF         ±10%         100         FG26X7R2A684KNT0□           X7R         470nF         ±10%         100         FG26X7R2A684KNT0□           X7R         680nF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         250         FG26X7R2A166KNT0□           X7R         1uF         ±10%         250         FG26X7R2E433SKNT0□           X7R         47nF         ±10%         250         FG26X7R2E683KNT0□           X7R         68nF         ±10%         250         FG26X7R2E683KNT0□           X7R         1nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1nF         ±10%	X7R	470nF	±10%	50	FG26X7R1H474KNT0□
X7R         4.7uF         ±10%         50         FG26X7R1H475KRT0□           X7R         150nF         ±10%         100         FG26X7R2A154KNT0□           X7R         220nF         ±10%         100         FG26X7R2A224KNT0□           X7R         330nF         ±10%         100         FG26X7R2A334KNT0□           X7R         330nF         ±10%         100         FG26X7R2A474KNT0□           X7R         680nF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A684KNT0□           X7R         33nF         ±10%         250         FG26X7R2A105KNT0□           X7R         33nF         ±10%         250         FG26X7R2E683KNT0□           X7R         47nF         ±10%         250         FG26X7R2E683KNT0□           X7R         100nF         ±10%         250         FG26X7R2E683KNT0□           X7R         1nF         ±10%         630         FG26X7R2E683KNT0□           X7R         1nF         ±10%         630         FG26X7R2J152KNT0□           X7R         1nF         ±10%         630         FG26X7R2J332KNT0□           X7R         2.2nF         ±10%	X7R	680nF	±10%	50	FG26X7R1H684KNT0□
X7R         150nF         ±10%         100         FG26X7R2A154KNTO□           X7R         220nF         ±10%         100         FG26X7R2A224KNTO□           X7R         330nF         ±10%         100         FG26X7R2A334KNTO□           X7R         470nF         ±10%         100         FG26X7R2A684KNTO□           X7R         680nF         ±10%         100         FG26X7R2A684KNTO□           X7R         1uF         ±10%         100         FG26X7R2A105KNTO□           X7R         33nF         ±10%         250         FG26X7R2A335KNTO□           X7R         47nF         ±10%         250         FG26X7R2E473KNTO□           X7R         47nF         ±10%         250         FG26X7R2E473KNTO□           X7R         10nF         ±10%         250         FG26X7R2E104KNTO□           X7R         10nF         ±10%         250         FG26X7R2E104KNTO□           X7R         11nF         ±10%         630         FG26X7R2J102KNTO□           X7R         1.5nF         ±10%         630         FG26X7R2J102KNTO□           X7R         1.5nF         ±10%         630         FG26X7R2J332KNTO□           X7R         3.3nF         ±10%	X7R	3.3uF	±10%	50	FG26X7R1H335KRT0□
X7R         220nF         ±10%         100         FG26X7R2A224KNT0□           X7R         330nF         ±10%         100         FG26X7R2A334KNT0□           X7R         470nF         ±10%         100         FG26X7R2A634KNT0□           X7R         470nF         ±10%         100         FG26X7R2A684KNT0□           X7R         680nF         ±10%         100         FG26X7R2A105KNT0□           X7R         1uF         ±10%         250         FG26X7R2E333KNT0□           X7R         33nF         ±10%         250         FG26X7R2E473KNT0□           X7R         47nF         ±10%         250         FG26X7R2E683KNT0□           X7R         100nF         ±10%         250         FG26X7R2E683KNT0□           X7R         10nF         ±10%         250         FG26X7R2E683KNT0□           X7R         10nF         ±10%         630         FG26X7R2E104KNT0□           X7R         1nF         ±10%         630         FG26X7R2102KNT0□           X7R         1.5nF         ±10%         630         FG26X7R21322KNT0□           X7R         3.3nF         ±10%         630         FG26X7R23332KNT0□           X7R         4.7nF         ±10%	X7R	4.7uF	±10%	50	FG26X7R1H475KRT0□
X7R         330nF         ±10%         100         FG26X7R2A334KNT0□           X7R         470nF         ±10%         100         FG26X7R2A474KNT0□           X7R         680nF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A105KNT0□           X7R         33nF         ±10%         250         FG26X7R2E333KNT0□           X7R         47nF         ±10%         250         FG26X7R2E473KNT0□           X7R         47nF         ±10%         250         FG26X7R2E683KNT0□           X7R         10nF         ±10%         250         FG26X7R2E104KNT0□           X7R         10nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1.5nF         ±10%         630         FG26X7R2J322KNT0□           X7R         2.2nF         ±10%         630         FG26X7R2J322KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J328KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J328KNT0□           X7R         6.8nF         ±10%         630         FG26X7R2J33KNT0□           X7R         10nF         ±10%	X7R	150nF	±10%	100	FG26X7R2A154KNT0□
X7R         470nF         ±10%         100         FG26X7R2A474KNTO□           X7R         680nF         ±10%         100         FG26X7R2A684KNTO□           X7R         1uF         ±10%         100         FG26X7R2A105KNTO□           X7R         33nF         ±10%         250         FG26X7R2E333KNTO□           X7R         47nF         ±10%         250         FG26X7R2E683KNTO□           X7R         68nF         ±10%         250         FG26X7R2E1683KNTO□           X7R         100nF         ±10%         250         FG26X7R2E1683KNTO□           X7R         10nF         ±10%         250         FG26X7R2E104KNTO□           X7R         1nF         ±10%         630         FG26X7R2J102KNTO□           X7R         1nF         ±10%         630         FG26X7R2J152KNTO□           X7R         1.5nF         ±10%         630         FG26X7R2J222KNTO□           X7R         2.2nF         ±10%         630         FG26X7R2J332KNTO□           X7R         4.7nF         ±10%         630         FG26X7R2J103KNTO□           X7R         6.8nF         ±10%         630         FG26X7R2J103KNTO□           X7R         15nF         ±10%	X7R	220nF	±10%	100	FG26X7R2A224KNT0□
X7R         680nF         ±10%         100         FG26X7R2A684KNT0□           X7R         1uF         ±10%         100         FG26X7R2A105KNT0□           X7R         33nF         ±10%         250         FG26X7R2E333KNT0□           X7R         47nF         ±10%         250         FG26X7R2E473KNT0□           X7R         46nF         ±10%         250         FG26X7R2E683KNT0□           X7R         10nF         ±10%         250         FG26X7R2E104KNT0□           X7R         10nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1nF         ±10%         630         FG26X7R2J152KNT0□           X7R         1.5nF         ±10%         630         FG26X7R2J222KNT0□           X7R         2.2nF         ±10%         630         FG26X7R2J332KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0□           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0□           X7R         15nF         ±10%         630         FG26X7R2J153KNT0□           X7R         15nF         ±10%         630         FG26X7R2J233KNT0□           X7R         22nF         ±10%	X7R	330nF	±10%	100	FG26X7R2A334KNT0□
X7R         1uF         ±10%         100         FG26X7R2A105KNT0□           X7R         33nF         ±10%         250         FG26X7R2E333KNT0□           X7R         47nF         ±10%         250         FG26X7R2E473KNT0□           X7R         48nF         ±10%         250         FG26X7R2E683KNT0□           X7R         100nF         ±10%         250         FG26X7R2E104KNT0□           X7R         1nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0□           X7R         2.2nF         ±10%         630         FG26X7R2J3222KNT0□           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0□           X7R         6.8nF         ±10%         630         FG26X7R2J336KNT0□           X7R         15nF         ±10%         630         FG26X7R2J153KNT0□           X7R         22nF         ±10%         630         FG26X7R2J333KNT0□           X7R         33nF         ±10%         630         FG26X7R2J333KNT0□           X7R         33nF         ±10%	X7R	470nF	±10%	100	FG26X7R2A474KNT0
X7R         33nF         ±10%         250         FG26X7R2E333KNT0□           X7R         47nF         ±10%         250         FG26X7R2E473KNT0□           X7R         68nF         ±10%         250         FG26X7R2E683KNT0□           X7R         100nF         ±10%         250         FG26X7R2E104KNT0□           X7R         1nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0□           X7R         2.2nF         ±10%         630         FG26X7R2J322KNT0□           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0□           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0□           X7R         15nF         ±10%         630         FG26X7R2J103KNT0□           X7R         15nF         ±10%         630         FG26X7R2J333KNT0□           X7R         22nF         ±10%         630         FG26X7R2J333KNT0□           X7R         33nF         ±10%         630         FG26X782J333KNT0□           X7S         1.5uF         ±10%	X7R	680nF	±10%	100	FG26X7R2A684KNT0□
X7R         47nF         ±10%         250         FG26X7R2E473KNT0□           X7R         68nF         ±10%         250         FG26X7R2E683KNT0□           X7R         100nF         ±10%         250         FG26X7R2E104KNT0□           X7R         1nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0□           X7R         2.2nF         ±10%         630         FG26X7R2J222KNT0□           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0□           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0□           X7R         10nF         ±10%         630         FG26X7R2J103KNT0□           X7R         15nF         ±10%         630         FG26X7R2J153KNT0□           X7R         22nF         ±10%         630         FG26X7R2J333KNT0□           X7R         33nF         ±10%         630         FG26X7R2J333KNT0□           X7S         1.5uF         ±10%         100         FG26X7S2A355KRT0□           X7S         2.2uF         ±10%	X7R	1uF		100	FG26X7R2A105KNT0□
X7R         68nF         ±10%         250         FG26X7R2E683KNT0□           X7R         100nF         ±10%         250         FG26X7R2E104KNT0□           X7R         1nF         ±10%         630         FG26X7R2J102KNT0□           X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0□           X7R         2.2nF         ±10%         630         FG26X7R2J222KNT0□           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0□           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0□           X7R         6.8nF         ±10%         630         FG26X7R2J103KNT0□           X7R         10nF         ±10%         630         FG26X7R2J103KNT0□           X7R         15nF         ±10%         630         FG26X7R2J153KNT0□           X7R         22nF         ±10%         630         FG26X7R2J223KNT0□           X7R         33nF         ±10%         630         FG26X7R2J333KNT0□           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0□           X7S         2.2uF         ±10%         100         FG26X7S2A335KRT0□           X7S         3.3uF         ±10%	X7R	33nF	±10%	250	FG26X7R2E333KNT0□
X7R         100nF         ±10%         250         FG26X7R2E104KNT0           X7R         1nF         ±10%         630         FG26X7R2J102KNT0           X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0           X7R         2.2nF         ±10%         630         FG26X7R2J222KNT0           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0           X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J333KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A335KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250	X7R	47nF	±10%	250	FG26X7R2E473KNT0□
X7R         1nF         ±10%         630         FG26X7R2J102KNT0           X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0           X7R         2.2nF         ±10%         630         FG26X7R2J222KNT0           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0           X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J2333KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A335KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	68nF	±10%	250	FG26X7R2E683KNT0□
X7R         1.5nF         ±10%         630         FG26X7R2J152KNT0           X7R         2.2nF         ±10%         630         FG26X7R2J222KNT0           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0           X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A335KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	100nF	±10%	250	FG26X7R2E104KNT0
X7R         2.2nF         ±10%         630         FG26X7R2J222KNT0           X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0           X7R         4.7nF         ±10%         630         FG26X7R2J682KNT0           X7R         6.8nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	1nF	±10%	630	FG26X7R2J102KNT0□
X7R         3.3nF         ±10%         630         FG26X7R2J332KNT0           X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0           X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	1.5nF	±10%	630	FG26X7R2J152KNT0□
X7R         4.7nF         ±10%         630         FG26X7R2J472KNT0           X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0           X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	2.2nF	±10%	630	FG26X7R2J222KNT0□
X7R         6.8nF         ±10%         630         FG26X7R2J682KNT0           X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	3.3nF	±10%	630	FG26X7R2J332KNT0□
X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	4.7nF	±10%	630	FG26X7R2J472KNT0□
X7R         10nF         ±10%         630         FG26X7R2J103KNT0           X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	6.8nF		630	FG26X7R2J682KNT0□
X7R         15nF         ±10%         630         FG26X7R2J153KNT0           X7R         22nF         ±10%         630         FG26X7R2J223KNT0           X7R         33nF         ±10%         630         FG26X7R2J333KNT0           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0           X7T         150nF         ±10%         250         FG26X7T2E154KNT0	X7R	10nF		630	FG26X7R2J103KNT0□
X7R         33nF         ±10%         630         FG26X7R2J333KNT0□           X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0□           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0□           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0□           X7T         150nF         ±10%         250         FG26X7T2E154KNT0□	X7R	15nF		630	FG26X7R2J153KNT0□
X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0□           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0□           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0□           X7T         150nF         ±10%         250         FG26X7T2E154KNT0□	X7R	22nF	±10%	630	FG26X7R2J223KNT0□
X7S         1.5uF         ±10%         100         FG26X7S2A155KRT0□           X7S         2.2uF         ±10%         100         FG26X7S2A225KRT0□           X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0□           X7T         150nF         ±10%         250         FG26X7T2E154KNT0□	X7R	33nF		630	
X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0□           X7T         150nF         ±10%         250         FG26X7T2E154KNT0□	X7S	1.5uF		100	
X7S         3.3uF         ±10%         100         FG26X7S2A335KRT0□           X7T         150nF         ±10%         250         FG26X7T2E154KNT0□	X7S	2.2uF	±10%	100	FG26X7S2A225KRT0□
X7T 150nF ±10% 250 FG26X7T2E154KNT0□	X7S	3.3uF		100	
	X7T	150nF		250	
	X7T	220nF		250	

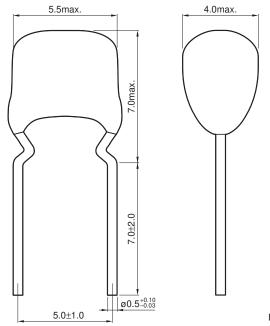
<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# FG20 Type

### ■SHAPE & DIMENSIONS





Dimensions in mm



# FG20 Type

### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
C0G	47nF	±5%	100	FG20C0G2A473JNT0 = **
C0G	68nF	±5%	100	FG20C0G2A683JNT0□
C0G	33nF	±5%	250	FG20C0G2E333JNT0□
C0G	47nF	±5%	250	FG20C0G2E473JNT0□
C0G	22nF	±5%	450	FG20C0G2W223JNT0□
C0G	33nF	±5%	450	FG20C0G2W333JNT0□
C0G	15nF	±5%	630	FG20C0G2J153JNT0□
C0G	22nF	±5%	630	FG20C0G2J223JNT0□
C0G	33nF	±5%	630	FG20C0G2J333JNT0□

<sup>\*</sup> The part numbers are TDK's standard specification products.

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
X5R	68uF	±20%	6.3	FG20X5R0J686MRT0 = **
X5R	100uF	±20%	6.3	FG20X5R0J107MRT0□
X7R	15uF	±20%	16	FG20X7R1C156MRT0□
X7R	22uF	±20%	16	FG20X7R1C226MRT0□
X7R	3.3uF	±10%	25	FG20X7R1E335KNT0□
X7R	4.7uF	±10%	25	FG20X7R1E475KNT0□
X7R	1uF	±10%	50	FG20X7R1H105KNT0□
X7R	1.5uF	±10%	50	FG20X7R1H155KNT0□
X7R	10uF	±10%	50	FG20X7R1H106KRT0□
X7R	1.5uF	±10%	100	FG20X7R2A155KRT0□
X7R	2.2uF	±10%	100	FG20X7R2A225KRT0□
X7R	150nF	±10%	250	FG20X7R2E154KNT0□
X7R	220nF	±10%	250	FG20X7R2E224KNT0□
X7R	47nF	±10%	630	FG20X7R2J473KNT0□
X7R	68nF	±10%	630	FG20X7R2J683KNT0□
X7S	6.8uF	±10%	50	FG20X7S1H685KRT0□
X7S	10uF	±10%	50	FG20X7S1H106KRT0□
X7S	4.7uF	±10%	100	FG20X7S2A475KRT0□
X7T	330nF	±10%	250	FG20X7T2E334KNT0□

 $<sup>^{\</sup>star}$  The part numbers are TDK's standard specification products.

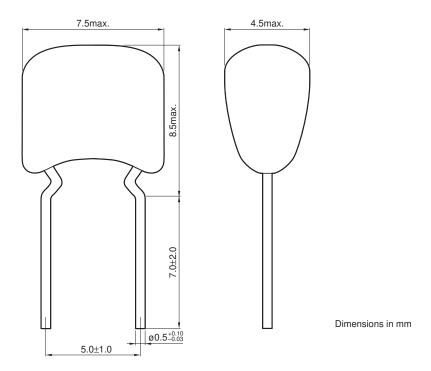
<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# **FG22 Type**

### ■SHAPE & DIMENSIONS







# **FG22 Type**

### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

CLASS 1 (TEMPERATURE COMPENSATION)

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
C0G	150nF	±5%	50	FG22C0G1H154JNT0 = **
C0G	220nF	±5%	50	FG22C0G1H224JNT0□
C0G	100nF	±5%	100	FG22C0G2A104JNT0□
C0G	68nF	±5%	250	FG22C0G2E683JRT0□
C0G	100nF	±5%	250	FG22C0G2E104JRT0□
C0G	47nF	±5%	450	FG22C0G2W473JNT0□
C0G	68nF	±5%	450	FG22C0G2W683JNT0□
C0G	47nF	±5%	630	FG22C0G2J473JNT0□

<sup>\*</sup> The part numbers are TDK's standard specification products.

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
X5R	47uF	±20%	10	FG22X5R1A476MNT0□**
X5R	33uF	±20%	16	FG22X5R1C336MNT0□
X7R	33uF	±20%	16	FG22X7R1C336MRT0□
X7R	10uF	±10%	25	FG22X7R1E106KNT0□
X7R	15uF	±20%	25	FG22X7R1E156MRT0□
X7R	22uF	±20%	25	FG22X7R1E226MRT0□
X7R	2.2uF	±10%	50	FG22X7R1H225KNT0□
X7R	3.3uF	±10%	50	FG22X7R1H335KNT0□
X7R	6.8uF	±10%	50	FG22X7R1H685KRT0□
X7R	1.5uF	±10%	100	FG22X7R2A155KNT0□
X7R	2.2uF	±10%	100	FG22X7R2A225KNT0□
X7R	330nF	±10%	250	FG22X7R2E334KNT0□
X7R	470nF	±10%	250	FG22X7R2E474KNT0□
X7R	100nF	±10%	630	FG22X7R2J104KNT0□
X7T	680nF	±10%	250	FG22X7T2E684KNT0□
X7T	1uF	±10%	250	FG22X7T2E105KNT0□

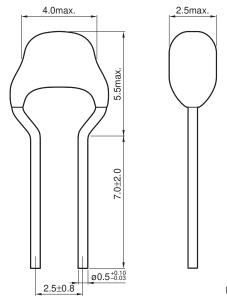
<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The " - " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



### ■SHAPE & DIMENSIONS





Dimensions in mm



### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Temperature	ENVIONE CONT. E	<u> </u>	Rated voltage	
characteristics	Capacitance	Tolerance	Edc (V)	Part No.*
C0G	1.0pF	±0.25pF	50	FG18C0G1H010CNT0 **
C0G	1.5pF	±0.25pF	50	FG18C0G1H1R5CNT0
C0G	2.0pF	±0.25pF	50	FG18C0G1H020CNT0
C0G	2.2pF	±0.25pF	50	FG18C0G1H2R2CNT0□
C0G	3.0pF	±0.25pF	50	FG18C0G1H030CNT0□
C0G	3.3pF	±0.25pF	50	FG18C0G1H3R3CNT0□
C0G	4.0pF	±0.25pF	50	FG18C0G1H040CNT0
C0G	4.7pF	±0.25pF	50	FG18C0G1H4R7CNT0
C0G	5.0pF	±0.25pF	50	FG18C0G1H050CNT0□
C0G	6.0pF	±0.5pF	50	FG18C0G1H060DNT0□
C0G	6.8pF	±0.5pF	50	FG18C0G1H6R8DNT0□
C0G	7.0pF	±0.5pF	50	FG18C0G1H070DNT0□
C0G	8.0pF	±0.5pF	50	FG18C0G1H080DNT0
C0G	9.0pF	±0.5pF	50	FG18C0G1H090DNT0
C0G	10pF	±0.5pF	50	FG18C0G1H100DNT0
C0G	12pF	±5%	50	FG18C0G1H120JNT0
C0G	15pF	±5%	50	FG18C0G1H150JNT0
C0G	18pF	±5%	50	FG18C0G1H180JNT0□
C0G	22pF	±5%	50	FG18C0G1H220JNT0
C0G	27pF	±5%	50	FG18C0G1H270JNT0□
C0G	33pF	±5%	50	FG18C0G1H330JNT0□
C0G	39pF	±5%	50	FG18C0G1H390JNT0□
C0G	47pF	±5%	50	FG18C0G1H470JNT0
C0G	56pF	±5%	50	FG18C0G1H560JNT0□
C0G	68pF	±5%	50	FG18C0G1H680JNT0□
C0G	82pF	±5%	50	FG18C0G1H820JNT0□
C0G	100pF	±5%	50	FG18C0G1H101JNT0
C0G	120pF	±5%	50	FG18C0G1H121JNT0□
C0G	150pF	±5%	50	FG18C0G1H151JNT0□
C0G	180pF	±5%	50	FG18C0G1H181JNT0□
C0G	220pF	±5%	50	FG18C0G1H221JNT0□
C0G	270pF	±5%	50	FG18C0G1H271JNT0□
C0G	330pF	±5%	50	FG18C0G1H331JNT0□
C0G	390pF	±5%	50	FG18C0G1H391JNT0□
C0G	470pF	±5%	50	FG18C0G1H471JNT0□
C0G	560pF	±5%	50	FG18C0G1H561JNT0□
C0G	680pF	±5%	50	FG18C0G1H681JNT0□
C0G	820pF	±5%	50	FG18C0G1H821JNT0□
C0G	1nF	±5%	50	FG18C0G1H102JNT0□
C0G	1.2nF	±5%	50	FG18C0G1H122JNT0□
C0G	1.5nF	±5%	50	FG18C0G1H152JNT0□
C0G	1.8nF	±5%	50	FG18C0G1H182JNT0□
C0G	2.2nF	±5%	50	FG18C0G1H222JNT0□
C0G	2.7nF	±5%	50	FG18C0G1H272JNT0□
C0G	3.3nF	±5%	50	FG18C0G1H332JNT0□
C0G	3.9nF	±5%	50	FG18C0G1H392JNT0□
C0G	4.7nF	±5%	50	FG18C0G1H472JNT0□
C0G	5.6nF	±5%	50	FG18C0G1H562JNT0□
COG	6.8nF	±5%	50	FG18C0G1H682JNT0□
C0G	8.2nF	±5%	50	FG18C0G1H822JNT0□

<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
C0G	10nF	±5%	50	FG18C0G1H103JNT0□**
C0G	1.0pF	±0.25pF	100	FG18C0G2A010CNT0□
C0G	1.5pF	±0.25pF	100	FG18C0G2A1R5CNT0□
C0G	2.0pF	±0.25pF	100	FG18C0G2A020CNT0□
C0G	2.2pF	±0.25pF	100	FG18C0G2A2R2CNT0□
C0G	3.0pF	±0.25pF	100	FG18C0G2A030CNT0□
C0G	3.3pF	±0.25pF	100	FG18C0G2A3R3CNT0
C0G	4.0pF	±0.25pF	100	FG18C0G2A040CNT0□
C0G	4.7pF	±0.25pF	100	FG18C0G2A4R7CNT0
C0G	5.0pF	±0.25pF	100	FG18C0G2A050CNT0□
C0G	6.0pF	±0.5pF	100	FG18C0G2A060DNT0
C0G	6.8pF	±0.5pF	100	FG18C0G2A6R8DNT0
C0G	7.0pF	±0.5pF	100	FG18C0G2A070DNT0
C0G	8.0pF	±0.5pF	100	FG18C0G2A080DNT0
C0G	9.0pF	±0.5pF	100	FG18C0G2A090DNT0
COG	10pF	±0.5pF	100	FG18C0G2A100DNT0
COG	12pF	±5%	100	FG18C0G2A120JNT0
COG	15pF	±5%	100	FG18C0G2A150JNT0
COG	18pF	±5%	100	FG18C0G2A180JNT0
C0G	22pF	±5%	100	FG18C0G2A220JNT0
COG	27pF	±5%	100	FG18C0G2A270JNT0
COG	33pF	±5%	100	FG18C0G2A330JNT0
COG	39pF	±5%	100	FG18C0G2A390JNT0
COG	47pF	±5%	100	FG18C0G2A470JNT0
COG	56pF	±5%	100	FG18C0G2A560JNT0
COG	68pF	±5%	100	FG18C0G2A680JNT0
COG	82pF	±5%	100	FG18C0G2A820JNT0
COG	100pF	±5%	100	FG18C0G2A0203NT0
COG	120pF	±5%	100	FG18C0G2A1013NT0
COG	150pF	±5%	100	FG18C0G2A1213NT0
COG	180pF	±5%	100	FG18C0G2A181JNT0
COG	220pF	±5%	100	FG18C0G2A221JNT0
COG	270pF	±5%	100	FG18C0G2A221JNT0
COG	330pF	±5%	100	FG18C0G2A331JNT0
C0G	390pF	±5% ±5%	100	
COG	470pF	±5% ±5%	100	FG18C0G2A391JNT0
COG	560pF		100	FG18C0G2A471JNT0
COG	680pF	±5%	100	FG18C0G2A561JNT0
C0G	820pF	±5%	100	FG18C0G2A681JNT0
COG	1nF	±5%	100	FG18C0G2A821JNT0
C0G	1.2nF	±5%	100	FG18C0G2A102JNT0
C0G	1.5nF	±5%	100	FG18C0G2A122JNT0
		±5%		FG18C0G2A152JNT0
C0G	1.8nF	±5%	100	FG18C0G2A182JNT0
C0G C0G	2.2nF 2.7nF	±5%	100	FG18C0G2A222JNT0
C0G	3.3nF	±5%	100	FG18C0G2A272JNT0
		±5%		FG18C0G2A332JNT0
C0G	3.9nF	±5%	100	FG18C0G2A392JRT0
C0G	4.7nF	±5%	100	FG18C0G2A472JRT0
C0G	5.6nF	±5%	100	FG18C0G2A562JRT0
C0G	6.8nF	±5%	100	FG18C0G2A682JRT0
C0G	8.2nF	±5%	100	FG18C0G2A822JRT0
C0G	10nF	±5%	100	FG18C0G2A103JRT0□

<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The " - " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



### ■ ELECTRICAL CHARACTERISTICS

□CHARACTERISTICS SPECIFICATION TABLE

Temperature characteristics	Capacitance	Tolerance	Rated voltage Edc (V)	Part No.*
X5R	1.5uF	±10%	25	FG18X5R1E155KRT0 = **
X5R	2.2uF	±10%	25	FG18X5R1E225KRT0
X5R	3.3uF	±10%	25	FG18X5R1E335KRT0
X5R	4.7uF	±10%	25	FG18X5R1E475KRT0
X5R	6.8uF	±10%	25	FG18X5R1E685KRT0
X5R	10uF	±20%	25	FG18X5R1E106MRT0□
X5R	680nF	±10%	50	FG18X5R1H684KRT0
X5R	1uF	±10%	50	FG18X5R1H105KRT0
X7R	1.5uF	±10%	10	FG18X7R1A155KRT0
X7R	2.2uF	±10%	10	FG18X7R1A225KRT0
X7R	150nF	±10%	25	FG18X7R1E154KNT0
X7R	680nF	±10%	25	FG18X7R1E684KRT0
X7R	1uF	±10%	25	FG18X7R1E105KRT0
X7R	220pF	±10%	50	FG18X7R1H221KNT0
X7R	330pF	±10%	50	FG18X7R1H331KNT0
X7R	470pF	±10%	50	FG18X7R1H471KNT0
X7R	680pF	±10%	50	FG18X7R1H681KNT0
X7R	1nF	±10%	50	FG18X7R1H102KNT0
X7R	1.5nF	±10%	50	FG18X7R1H152KNT0
X7R	2.2nF	±10%	50	FG18X7R1H222KNT0
X7R	3.3nF		50	
X7R	4.7nF	±10%	50	FG18X7R1H332KNT0
X7R	6.8nF	±10%	50	FG18X7R1H472KNT0
		±10%		FG18X7R1H682KNT0
X7R	10nF 15nF	±10%	50	FG18X7R1H103KNT0
X7R X7R	22nF	±10%	50 50	FG18X7R1H153KNT0
		±10%		FG18X7R1H223KNT0
X7R	33nF	±10%	50	FG18X7R1H333KNT0
X7R	47nF	±10%	50	FG18X7R1H473KNT0
X7R	68nF	±10%	50	FG18X7R1H683KNT0
X7R	100nF	±10%	50	FG18X7R1H104KNT0
X7R	150nF	±10%	50	FG18X7R1H154KRT0□
X7R	220nF	±10%	50	FG18X7R1H224KRT0□
X7R	330nF	±10%	50	FG18X7R1H334KRT0□
X7R	470nF	±10%	50	FG18X7R1H474KRT0□
X7R	220pF	±10%	100	FG18X7R2A221KNT0□
X7R	330pF	±10%	100	FG18X7R2A331KNT0□
X7R	470pF	±10%	100	FG18X7R2A471KNT0□
X7R	680pF	±10%	100	FG18X7R2A681KNT0□
X7R	1nF	±10%	100	FG18X7R2A102KNT0□
X7R	1.5nF	±10%	100	FG18X7R2A152KNT0□
X7R	2.2nF	±10%	100	FG18X7R2A222KNT0□
X7R	3.3nF	±10%	100	FG18X7R2A332KNT0□
X7R	4.7nF	±10%	100	FG18X7R2A472KNT0□
X7R	6.8nF	±10%	100	FG18X7R2A682KNT0□
X7R	10nF	±10%	100	FG18X7R2A103KNT0□
X7R	15nF	±10%	100	FG18X7R2A153KNT0□
X7R	22nF	±10%	100	FG18X7R2A223KNT0□
X7S	33nF	±10%	100	FG18X7S2A333KRT0□
X7S	47nF	±10%	100	FG18X7S2A473KRT0□
X7S	68nF	±10%	100	FG18X7S2A683KRT0
X7S	100nF	±10%	100	FG18X7S2A104KRT0

<sup>\*</sup> The part numbers are TDK's standard specification products.

<sup>\*\*</sup> The "  $\square$  " of the Part Number contains the packaging symbol, 0 (Bulk packaging) or 6 (Taping packaging).



# **FG14 Type**

### ■SHAPE & DIMENSIONS

