

Chip Multilayer Ceramic Capacitors for General Purpose

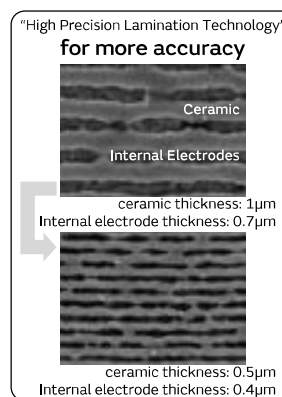
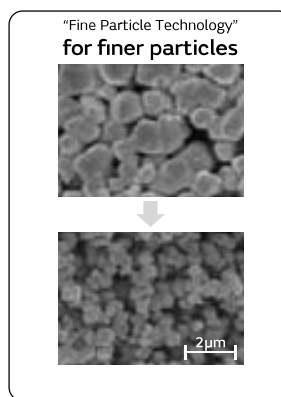
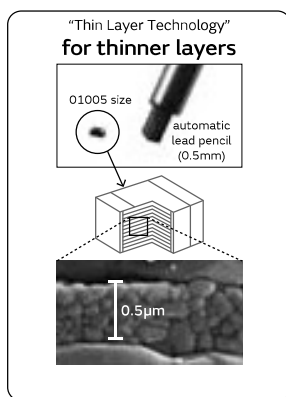
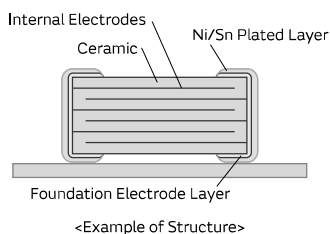
GRM Series



This is Murata primary products renowned for both small size and large capacitance value with latest advanced technology.

Features

① Achieves large-capacity and small size in a multilayer structure.



② Sn plating is applied to the external electrodes; excellent solderability.

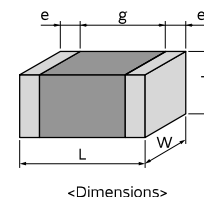
③ High reliability with no polarity.

	Ceramic Capacitors	Tantalum Capacitor	Aluminum Electrolytic Capacitor	Conductive Polymer Capacitor
Price	○	○	◎	○
Comparison between Impedance Frequency Characteristics	◎	△	△	○
Capacitance temperature characteristics	○	◎	○	○
DC breakdown voltage	◎	△	△	△
Polarity	No	Yes	Yes	Yes
Pulse response	◎	△	△	○
Allowable ripple current	◎	△	△	△
Reliability	◎	○	○	○
DC bias characteristics	△	◎	◎	◎

◎: Particularly excellent ○: Excellent △: Inferior

Specifications

Size (mm)	0.25×0.125mm to 5.7×5.0mm
Rated Voltage	2.5Vdc to 3150Vdc
Capacitance	0.10pF to 330µF
Main Applications	1. Rated voltage 100V Max. High Dielectric Constant Type . . . For decoupling and smoothing circuits Temperature Compensating Type . . . For tuning circuits, oscillating circuits, and high frequency filter circuits 2. Rated voltage 200V min. High Dielectric Constant Type . . . For clamp snubber circuits and smoothing circuits Temperature Compensating Type . . . Power supply damper snubber



<Dimensions>

This catalog contains only a portion of the product lineup.
 Please refer to the capacitor search tool on the Murata Web site for details.

GRM Series Temperature Compensating Type Part Number List

0.25×0.125mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.138mm	25Vdc	COG	0.20pF	±0.1pF	GRM0115C1E1R20BE11#
			0.30pF	±0.1pF	GRM0115C1E1R30BE11#
			0.40pF	±0.1pF	GRM0115C1E1R40BE11#
			0.50pF	±0.1pF	GRM0115C1E1R50BE11#
			0.60pF	±0.1pF	GRM0115C1E1R60BE11#
			0.70pF	±0.1pF	GRM0115C1E1R70BE11#
			0.80pF	±0.1pF	GRM0115C1E1R80BE11#
			0.90pF	±0.1pF	GRM0115C1E1R90BE11#
			1.0pF	±0.25pF	GRM0115C1E1R0CE11#
			1.1pF	±0.25pF	GRM0115C1E1R1CE11#
			1.2pF	±0.25pF	GRM0115C1E1R2CE11#
			1.3pF	±0.25pF	GRM0115C1E1R3CE11#
			1.4pF	±0.25pF	GRM0115C1E1R4CE11#
			1.5pF	±0.25pF	GRM0115C1E1R5CE11#
			1.6pF	±0.25pF	GRM0115C1E1R6CE11#
			1.7pF	±0.25pF	GRM0115C1E1R7CE11#
			1.8pF	±0.25pF	GRM0115C1E1R8CE11#
			1.9pF	±0.25pF	GRM0115C1E1R9CE11#
			2.0pF	±0.25pF	GRM0115C1E2R0CE11#
			2.1pF	±0.25pF	GRM0115C1E2R1CE11#
			2.2pF	±0.25pF	GRM0115C1E2R2CE11#
			2.3pF	±0.25pF	GRM0115C1E2R3CE11#
			2.4pF	±0.25pF	GRM0115C1E2R4CE01#
			2.5pF	±0.25pF	GRM0115C1E2R5CE01#
			2.6pF	±0.25pF	GRM0115C1E2R6CE01#
			2.7pF	±0.25pF	GRM0115C1E2R7CE01#
			2.8pF	±0.25pF	GRM0115C1E2R8CE01#
			2.9pF	±0.25pF	GRM0115C1E2R9CE01#
			3.0pF	±0.25pF	GRM0115C1E3R0CE01#
			3.1pF	±0.25pF	GRM0115C1E3R1CE01#
			3.2pF	±0.25pF	GRM0115C1E3R2CE01#
			3.3pF	±0.25pF	GRM0115C1E3R3CE01#
			3.4pF	±0.25pF	GRM0115C1E3R4CE01#
			3.5pF	±0.25pF	GRM0115C1E3R5CE01#
			3.6pF	±0.25pF	GRM0115C1E3R6CE01#
			3.7pF	±0.25pF	GRM0115C1E3R7CE01#
			3.8pF	±0.25pF	GRM0115C1E3R8CE01#
			3.9pF	±0.25pF	GRM0115C1E3R9CE01#
			4.0pF	±0.25pF	GRM0115C1E4R0CE01#
			4.1pF	±0.25pF	GRM0115C1E4R1CE01#
			4.2pF	±0.25pF	GRM0115C1E4R2CE01#
			4.3pF	±0.25pF	GRM0115C1E4R3CE01#
			4.4pF	±0.25pF	GRM0115C1E4R4CE01#
			4.5pF	±0.25pF	GRM0115C1E4R5CE01#
			4.6pF	±0.25pF	GRM0115C1E4R6CE01#
			4.7pF	±0.25pF	GRM0115C1E4R7CE01#
			4.8pF	±0.25pF	GRM0115C1E4R8CE01#
			4.9pF	±0.25pF	GRM0115C1E4R9CE01#
			5.0pF	±0.25pF	GRM0115C1E5R0CE01#
			5.1pF	±0.5pF	GRM0115C1E5R1DE01#
			5.2pF	±0.5pF	GRM0115C1E5R2DE01#
			5.3pF	±0.5pF	GRM0115C1E5R3DE01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.138mm	25Vdc	COG	5.4pF	±0.5pF	GRM0115C1E5R4DE01#
			5.5pF	±0.5pF	GRM0115C1E5R5DE01#
			5.6pF	±0.5pF	GRM0115C1E5R6DE01#
			5.7pF	±0.5pF	GRM0115C1E5R7DE01#
			5.8pF	±0.5pF	GRM0115C1E5R8DE01#
			5.9pF	±0.5pF	GRM0115C1E5R9DE01#
			6.0pF	±0.5pF	GRM0115C1E6R0DE01#
			6.1pF	±0.5pF	GRM0115C1E6R1DE01#
			6.2pF	±0.5pF	GRM0115C1E6R2DE01#
			6.3pF	±0.5pF	GRM0115C1E6R3DE01#
			6.4pF	±0.5pF	GRM0115C1E6R4DE01#
			6.5pF	±0.5pF	GRM0115C1E6R5DE01#
			6.6pF	±0.5pF	GRM0115C1E6R6DE01#
			6.7pF	±0.5pF	GRM0115C1E6R7DE01#
			6.8pF	±0.5pF	GRM0115C1E6R8DE01#
			6.9pF	±0.5pF	GRM0115C1E6R9DE01#
			7.0pF	±0.5pF	GRM0115C1E7R0DE01#
			7.1pF	±0.5pF	GRM0115C1E7R1DE01#
			7.2pF	±0.5pF	GRM0115C1E7R2DE01#
			7.3pF	±0.5pF	GRM0115C1E7R3DE01#
			7.4pF	±0.5pF	GRM0115C1E7R4DE01#
			7.5pF	±0.5pF	GRM0115C1E7R5DE01#
			7.6pF	±0.5pF	GRM0115C1E7R6DE01#
			7.7pF	±0.5pF	GRM0115C1E7R7DE01#
			7.8pF	±0.5pF	GRM0115C1E7R8DE01#
			7.9pF	±0.5pF	GRM0115C1E7R9DE01#
			8.0pF	±0.5pF	GRM0115C1E8R0DE01#
			8.1pF	±0.5pF	GRM0115C1E8R1DE01#
			8.2pF	±0.5pF	GRM0115C1E8R2DE01#
			8.3pF	±0.5pF	GRM0115C1E8R3DE01#
			8.4pF	±0.5pF	GRM0115C1E8R4DE01#
			8.5pF	±0.5pF	GRM0115C1E8R5DE01#
			8.6pF	±0.5pF	GRM0115C1E8R6DE01#
			8.7pF	±0.5pF	GRM0115C1E8R7DE01#
			8.8pF	±0.5pF	GRM0115C1E8R8DE01#
			8.9pF	±0.5pF	GRM0115C1E8R9DE01#
			9.0pF	±0.5pF	GRM0115C1E9R0DE01#
			9.1pF	±0.5pF	GRM0115C1E9R1DE01#
			9.2pF	±0.5pF	GRM0115C1E9R2DE01#
			9.3pF	±0.5pF	GRM0115C1E9R3DE01#
			9.4pF	±0.5pF	GRM0115C1E9R4DE01#
			9.5pF	±0.5pF	GRM0115C1E9R5DE01#
			9.6pF	±0.5pF	GRM0115C1E9R6DE01#
			9.7pF	±0.5pF	GRM0115C1E9R7DE01#
			9.8pF	±0.5pF	GRM0115C1E9R8DE01#
			9.9pF	±0.5pF	GRM0115C1E9R9DE01#
			10pF	±5%	GRM0115C1E100JE01#
			11pF	±5%	GRM0115C1E110JE01#
			12pF	±5%	GRM0115C1E120JE01#
			13pF	±5%	GRM0115C1E130JE01#
			15pF	±5%	GRM0115C1E150JE01#
			16pF	±5%	GRM0115C1E160JE01#
			18pF	±5%	GRM0115C1E180JE01#
			20pF	±5%	GRM0115C1E200JE01#



Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.25×0.125mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.138mm	25Vdc	COG	22pF	±5%	GRM0115C1E220JE01#		
			24pF	±5%	GRM0115C1E240JE01#		
			27pF	±5%	GRM0115C1E270JE01#		
			30pF	±5%	GRM0115C1E300JE01#		
			33pF	±5%	GRM0115C1E330JE01#		
			36pF	±5%	GRM0115C1E360JE01#		
			39pF	±5%	GRM0115C1E390JE01#		
			43pF	±5%	GRM0115C1E430JE01#		
			47pF	±5%	GRM0115C1E470JE01#		
			51pF	±5%	GRM0115C1E510JE01#		
			56pF	±5%	GRM0115C1E560JE01#		
			62pF	±5%	GRM0115C1E620JE01#		
			68pF	±5%	GRM0115C1E680JE01#		
			75pF	±5%	GRM0115C1E750JE01#		
			82pF	±5%	GRM0115C1E820JE01#		
			91pF	±5%	GRM0115C1E910JE01#		
			100pF	±5%	GRM0115C1E101JE01#		
			16Vdc	COG	0.20pF	±0.1pF	GRM0115C1CR20BE11#
					0.30pF	±0.1pF	GRM0115C1CR30BE11#
					0.40pF	±0.1pF	GRM0115C1CR40BE11#
0.50pF	±0.1pF	GRM0115C1CR50BE11#					
0.60pF	±0.1pF	GRM0115C1CR60BE11#					
0.70pF	±0.1pF	GRM0115C1CR70BE11#					
0.80pF	±0.1pF	GRM0115C1CR80BE11#					
0.90pF	±0.1pF	GRM0115C1CR90BE11#					
1.0pF	±0.25pF	GRM0115C1C1R0CE11#					
1.1pF	±0.25pF	GRM0115C1C1R1CE11#					
1.2pF	±0.25pF	GRM0115C1C1R2CE11#					
1.3pF	±0.25pF	GRM0115C1C1R3CE11#					
1.4pF	±0.25pF	GRM0115C1C1R4CE11#					
1.5pF	±0.25pF	GRM0115C1C1R5CE11#					
1.6pF	±0.25pF	GRM0115C1C1R6CE11#					
1.7pF	±0.25pF	GRM0115C1C1R7CE11#					
1.8pF	±0.25pF	GRM0115C1C1R8CE11#					
1.9pF	±0.25pF	GRM0115C1C1R9CE11#					
2.0pF	±0.25pF	GRM0115C1C2R0CE11#					
2.1pF	±0.25pF	GRM0115C1C2R1CE11#					
2.2pF	±0.25pF	GRM0115C1C2R2CE11#					
2.3pF	±0.25pF	GRM0115C1C2R3CE11#					
11pF	±5%	GRM0115C1C110JE01#					
12pF	±5%	GRM0115C1C120JE01#					
13pF	±5%	GRM0115C1C130JE01#					
15pF	±5%	GRM0115C1C150JE01#					
16pF	±5%	GRM0115C1C160JE01#					
18pF	±5%	GRM0115C1C180JE01#					
20pF	±5%	GRM0115C1C200JE01#					
22pF	±5%	GRM0115C1C220JE01#					
24pF	±5%	GRM0115C1C240JE01#					
27pF	±5%	GRM0115C1C270JE01#					
30pF	±5%	GRM0115C1C300JE01#					
33pF	±5%	GRM0115C1C330JE01#					
36pF	±5%	GRM0115C1C360JE01#					
39pF	±5%	GRM0115C1C390JE01#					
43pF	±5%	GRM0115C1C430JE01#					

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.138mm	16Vdc	COG	47pF	±5%	GRM0115C1C470JE01#
			51pF	±5%	GRM0115C1C510JE01#
			56pF	±5%	GRM0115C1C560JE01#
			62pF	±5%	GRM0115C1C620JE01#
			68pF	±5%	GRM0115C1C680JE01#
			75pF	±5%	GRM0115C1C750JE01#
			82pF	±5%	GRM0115C1C820JE01#
			91pF	±5%	GRM0115C1C910JE01#
			100pF	±5%	GRM0115C1C101JE01#

0.4×0.2mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	COG	0.20pF	±0.1pF	GRM0225C1HR20BA03#
			0.30pF	±0.1pF	GRM0225C1HR30BA03#
			0.40pF	±0.1pF	GRM0225C1HR40BA03#
			0.50pF	±0.1pF	GRM0225C1HR50BA03#
			0.60pF	±0.1pF	GRM0225C1HR60BA03#
			0.70pF	±0.1pF	GRM0225C1HR70BA03#
			0.80pF	±0.1pF	GRM0225C1HR80BA03#
			0.90pF	±0.1pF	GRM0225C1HR90BA03#
			1.0pF	±0.25pF	GRM0225C1H1R0CA03#
			1.1pF	±0.25pF	GRM0225C1H1R1CA03#
			1.2pF	±0.25pF	GRM0225C1H1R2CA03#
			1.3pF	±0.25pF	GRM0225C1H1R3CA03#
			1.4pF	±0.25pF	GRM0225C1H1R4CA03#
			1.5pF	±0.25pF	GRM0225C1H1R5CA03#
			1.6pF	±0.25pF	GRM0225C1H1R6CA03#
			1.7pF	±0.25pF	GRM0225C1H1R7CA03#
			1.8pF	±0.25pF	GRM0225C1H1R8CA03#
			1.9pF	±0.25pF	GRM0225C1H1R9CA03#
			2.0pF	±0.25pF	GRM0225C1H2R0CA03#
			2.1pF	±0.25pF	GRM0225C1H2R1CA03#
			2.2pF	±0.25pF	GRM0225C1H2R2CA03#
			2.3pF	±0.25pF	GRM0225C1H2R3CA03#
			2.4pF	±0.25pF	GRM0225C1H2R4CA03#
			2.5pF	±0.25pF	GRM0225C1H2R5CA03#
			2.6pF	±0.25pF	GRM0225C1H2R6CA03#
			2.7pF	±0.25pF	GRM0225C1H2R7CA03#
			2.8pF	±0.25pF	GRM0225C1H2R8CA03#
			2.9pF	±0.25pF	GRM0225C1H2R9CA03#
			3.0pF	±0.25pF	GRM0225C1H3R0CA03#
			3.1pF	±0.25pF	GRM0225C1H3R1CA03#
			3.2pF	±0.25pF	GRM0225C1H3R2CA03#
			3.3pF	±0.25pF	GRM0225C1H3R3CA03#
			3.4pF	±0.25pF	GRM0225C1H3R4CA03#
			3.5pF	±0.25pF	GRM0225C1H3R5CA03#
			3.6pF	±0.25pF	GRM0225C1H3R6CA03#
			3.7pF	±0.25pF	GRM0225C1H3R7CA03#
			3.8pF	±0.25pF	GRM0225C1H3R8CA03#
			3.9pF	±0.25pF	GRM0225C1H3R9CA03#
			4.0pF	±0.25pF	GRM0225C1H4R0CA03#
			4.1pF	±0.25pF	GRM0225C1H4R1CA03#

Part number # indicates the package specification code.



GRM Series Temperature Compensating Type Part Number List

(→ 0.4×0.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	COG	4.2pF	±0.25pF	GRM0225C1H4R2CA03#
			4.3pF	±0.25pF	GRM0225C1H4R3CA03#
			4.4pF	±0.25pF	GRM0225C1H4R4CA03#
			4.5pF	±0.25pF	GRM0225C1H4R5CA03#
			4.6pF	±0.25pF	GRM0225C1H4R6CA03#
			4.7pF	±0.25pF	GRM0225C1H4R7CA03#
			4.8pF	±0.25pF	GRM0225C1H4R8CA03#
			4.9pF	±0.25pF	GRM0225C1H4R9CA03#
			5.0pF	±0.25pF	GRM0225C1H5R0CA03#
			5.1pF	±0.5pF	GRM0225C1H5R1DA03#
			5.2pF	±0.5pF	GRM0225C1H5R2DA03#
			5.3pF	±0.5pF	GRM0225C1H5R3DA03#
			5.4pF	±0.5pF	GRM0225C1H5R4DA03#
			5.5pF	±0.5pF	GRM0225C1H5R5DA03#
			5.6pF	±0.5pF	GRM0225C1H5R6DA03#
			5.7pF	±0.5pF	GRM0225C1H5R7DA03#
			5.8pF	±0.5pF	GRM0225C1H5R8DA03#
			5.9pF	±0.5pF	GRM0225C1H5R9DA03#
			6.0pF	±0.5pF	GRM0225C1H6R0DA03#
			6.1pF	±0.5pF	GRM0225C1H6R1DA03#
			6.2pF	±0.5pF	GRM0225C1H6R2DA03#
			6.3pF	±0.5pF	GRM0225C1H6R3DA03#
			6.4pF	±0.5pF	GRM0225C1H6R4DA03#
			6.5pF	±0.5pF	GRM0225C1H6R5DA03#
			6.6pF	±0.5pF	GRM0225C1H6R6DA03#
			6.7pF	±0.5pF	GRM0225C1H6R7DA03#
			6.8pF	±0.5pF	GRM0225C1H6R8DA03#
			6.9pF	±0.5pF	GRM0225C1H6R9DA03#
			7.0pF	±0.5pF	GRM0225C1H7R0DA03#
			7.1pF	±0.5pF	GRM0225C1H7R1DA03#
			7.2pF	±0.5pF	GRM0225C1H7R2DA03#
			7.3pF	±0.5pF	GRM0225C1H7R3DA03#
			7.4pF	±0.5pF	GRM0225C1H7R4DA03#
			7.5pF	±0.5pF	GRM0225C1H7R5DA03#
			7.6pF	±0.5pF	GRM0225C1H7R6DA03#
			7.7pF	±0.5pF	GRM0225C1H7R7DA03#
			7.8pF	±0.5pF	GRM0225C1H7R8DA03#
			7.9pF	±0.5pF	GRM0225C1H7R9DA03#
			8.0pF	±0.5pF	GRM0225C1H8R0DA03#
			8.1pF	±0.5pF	GRM0225C1H8R1DA03#
			8.2pF	±0.5pF	GRM0225C1H8R2DA03#
			8.3pF	±0.5pF	GRM0225C1H8R3DA03#
			8.4pF	±0.5pF	GRM0225C1H8R4DA03#
			8.5pF	±0.5pF	GRM0225C1H8R5DA03#
			8.6pF	±0.5pF	GRM0225C1H8R6DA03#
8.7pF	±0.5pF	GRM0225C1H8R7DA03#			
8.8pF	±0.5pF	GRM0225C1H8R8DA03#			
8.9pF	±0.5pF	GRM0225C1H8R9DA03#			
9.0pF	±0.5pF	GRM0225C1H9R0DA03#			
9.1pF	±0.5pF	GRM0225C1H9R1DA03#			
9.2pF	±0.5pF	GRM0225C1H9R2DA03#			
9.3pF	±0.5pF	GRM0225C1H9R3DA03#			
9.4pF	±0.5pF	GRM0225C1H9R4DA03#			
9.5pF	±0.5pF	GRM0225C1H9R5DA03#			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number				
0.22mm	50Vdc	COG	9.6pF	±0.5pF	GRM0225C1H9R6DA03#				
			9.7pF	±0.5pF	GRM0225C1H9R7DA03#				
			9.8pF	±0.5pF	GRM0225C1H9R8DA03#				
			9.9pF	±0.5pF	GRM0225C1H9R9DA03#				
			10pF	±5%	GRM0225C1H100JA03#				
			11pF	±5%	GRM0225C1H110JA03#				
			12pF	±5%	GRM0225C1H120JA03#				
			13pF	±5%	GRM0225C1H130JA03#				
			15pF	±5%	GRM0225C1H150JA03#				
			16pF	±5%	GRM0225C1H160JA03#				
			18pF	±5%	GRM0225C1H180JA02#				
			20pF	±5%	GRM0225C1H200JA02#				
			22pF	±5%	GRM0225C1H220JA02#				
			24pF	±5%	GRM0225C1H240JA02#				
			27pF	±5%	GRM0225C1H270JA02#				
			30pF	±5%	GRM0225C1H300JA02#				
			33pF	±5%	GRM0225C1H330JA02#				
			36pF	±5%	GRM0225C1H360JA02#				
			39pF	±5%	GRM0225C1H390JA02#				
			43pF	±5%	GRM0225C1H430JA02#				
			47pF	±5%	GRM0225C1H470JA02#				
			51pF	±5%	GRM0225C1H510JA02#				
			56pF	±5%	GRM0225C1H560JA02#				
			62pF	±5%	GRM0225C1H620JA02#				
			68pF	±5%	GRM0225C1H680JA02#				
			75pF	±5%	GRM0225C1H750JA02#				
			82pF	±5%	GRM0225C1H820JA02#				
			91pF	±5%	GRM0225C1H910JA02#				
			100pF	±5%	GRM0225C1H101JA02#				
						0.20pF	±0.1pF	GRM0224C1HR20BA03#	
						0.30pF	±0.1pF	GRM0224C1HR30BA03#	
						0.40pF	±0.1pF	GRM0224C1HR40BA03#	
						0.50pF	±0.1pF	GRM0224C1HR50BA03#	
						0.60pF	±0.1pF	GRM0224C1HR60BA03#	
						0.70pF	±0.1pF	GRM0224C1HR70BA03#	
						0.80pF	±0.1pF	GRM0224C1HR80BA03#	
						0.90pF	±0.1pF	GRM0224C1HR90BA03#	
						1.0pF	±0.25pF	GRM0224C1H1R0CA03#	
						1.1pF	±0.25pF	GRM0224C1H1R1CA03#	
						1.2pF	±0.25pF	GRM0224C1H1R2CA03#	
						1.3pF	±0.25pF	GRM0224C1H1R3CA03#	
						1.4pF	±0.25pF	GRM0224C1H1R4CA03#	
						1.5pF	±0.25pF	GRM0224C1H1R5CA03#	
						1.6pF	±0.25pF	GRM0224C1H1R6CA03#	
						1.7pF	±0.25pF	GRM0224C1H1R7CA03#	
						1.8pF	±0.25pF	GRM0224C1H1R8CA03#	
						1.9pF	±0.25pF	GRM0224C1H1R9CA03#	
						2.0pF	±0.25pF	GRM0224C1H2R0CA03#	
					CJ	2.1pF	±0.25pF	GRM0223C1H2R1CA03#	
						2.2pF	±0.25pF	GRM0223C1H2R2CA03#	
						2.3pF	±0.25pF	GRM0223C1H2R3CA03#	
						2.4pF	±0.25pF	GRM0223C1H2R4CA03#	
						2.5pF	±0.25pF	GRM0223C1H2R5CA03#	
						2.6pF	±0.25pF	GRM0223C1H2R6CA03#	



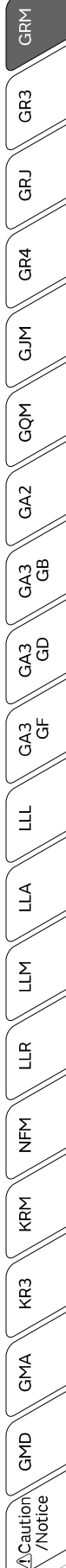
Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.4×0.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	CJ	2.7pF	±0.25pF	GRM0223C1H2R7CA03#
			2.8pF	±0.25pF	GRM0223C1H2R8CA03#
			2.9pF	±0.25pF	GRM0223C1H2R9CA03#
			3.0pF	±0.25pF	GRM0223C1H3R0CA03#
			3.1pF	±0.25pF	GRM0223C1H3R1CA03#
			3.2pF	±0.25pF	GRM0223C1H3R2CA03#
			3.3pF	±0.25pF	GRM0223C1H3R3CA03#
			3.4pF	±0.25pF	GRM0223C1H3R4CA03#
			3.5pF	±0.25pF	GRM0223C1H3R5CA03#
			3.6pF	±0.25pF	GRM0223C1H3R6CA03#
			3.7pF	±0.25pF	GRM0223C1H3R7CA03#
			3.8pF	±0.25pF	GRM0223C1H3R8CA03#
			3.9pF	±0.25pF	GRM0223C1H3R9CA03#
		CH	4.0pF	±0.25pF	GRM0222C1H4R0CA03#
			4.1pF	±0.25pF	GRM0222C1H4R1CA03#
			4.2pF	±0.25pF	GRM0222C1H4R2CA03#
			4.3pF	±0.25pF	GRM0222C1H4R3CA03#
			4.4pF	±0.25pF	GRM0222C1H4R4CA03#
			4.5pF	±0.25pF	GRM0222C1H4R5CA03#
			4.6pF	±0.25pF	GRM0222C1H4R6CA03#
			4.7pF	±0.25pF	GRM0222C1H4R7CA03#
			4.8pF	±0.25pF	GRM0222C1H4R8CA03#
			4.9pF	±0.25pF	GRM0222C1H4R9CA03#
			5.0pF	±0.25pF	GRM0222C1H5R0CA03#
			5.1pF	±0.5pF	GRM0222C1H5R1DA03#
			5.2pF	±0.5pF	GRM0222C1H5R2DA03#
			5.3pF	±0.5pF	GRM0222C1H5R3DA03#
			5.4pF	±0.5pF	GRM0222C1H5R4DA03#
			5.5pF	±0.5pF	GRM0222C1H5R5DA03#
			5.6pF	±0.5pF	GRM0222C1H5R6DA03#
			5.7pF	±0.5pF	GRM0222C1H5R7DA03#
			5.8pF	±0.5pF	GRM0222C1H5R8DA03#
		5.9pF	±0.5pF	GRM0222C1H5R9DA03#	
6.0pF	±0.5pF	GRM0222C1H6R0DA03#			
6.1pF	±0.5pF	GRM0222C1H6R1DA03#			
6.2pF	±0.5pF	GRM0222C1H6R2DA03#			
6.3pF	±0.5pF	GRM0222C1H6R3DA03#			
6.4pF	±0.5pF	GRM0222C1H6R4DA03#			
6.5pF	±0.5pF	GRM0222C1H6R5DA03#			
6.6pF	±0.5pF	GRM0222C1H6R6DA03#			
6.7pF	±0.5pF	GRM0222C1H6R7DA03#			
6.8pF	±0.5pF	GRM0222C1H6R8DA03#			
6.9pF	±0.5pF	GRM0222C1H6R9DA03#			
7.0pF	±0.5pF	GRM0222C1H7R0DA03#			
7.1pF	±0.5pF	GRM0222C1H7R1DA03#			
7.2pF	±0.5pF	GRM0222C1H7R2DA03#			
7.3pF	±0.5pF	GRM0222C1H7R3DA03#			
7.4pF	±0.5pF	GRM0222C1H7R4DA03#			
7.5pF	±0.5pF	GRM0222C1H7R5DA03#			
7.6pF	±0.5pF	GRM0222C1H7R6DA03#			
7.7pF	±0.5pF	GRM0222C1H7R7DA03#			
7.8pF	±0.5pF	GRM0222C1H7R8DA03#			
7.9pF	±0.5pF	GRM0222C1H7R9DA03#			
8.0pF	±0.5pF	GRM0222C1H8R0DA03#			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number			
0.22mm	50Vdc	CH	8.1pF	±0.5pF	GRM0222C1H8R1DA03#			
			8.2pF	±0.5pF	GRM0222C1H8R2DA03#			
			8.3pF	±0.5pF	GRM0222C1H8R3DA03#			
			8.4pF	±0.5pF	GRM0222C1H8R4DA03#			
			8.5pF	±0.5pF	GRM0222C1H8R5DA03#			
			8.6pF	±0.5pF	GRM0222C1H8R6DA03#			
			8.7pF	±0.5pF	GRM0222C1H8R7DA03#			
			8.8pF	±0.5pF	GRM0222C1H8R8DA03#			
			8.9pF	±0.5pF	GRM0222C1H8R9DA03#			
			9.0pF	±0.5pF	GRM0222C1H9R0DA03#			
			9.1pF	±0.5pF	GRM0222C1H9R1DA03#			
			9.2pF	±0.5pF	GRM0222C1H9R2DA03#			
			9.3pF	±0.5pF	GRM0222C1H9R3DA03#			
			9.4pF	±0.5pF	GRM0222C1H9R4DA03#			
			9.5pF	±0.5pF	GRM0222C1H9R5DA03#			
			9.6pF	±0.5pF	GRM0222C1H9R6DA03#			
			9.7pF	±0.5pF	GRM0222C1H9R7DA03#			
			9.8pF	±0.5pF	GRM0222C1H9R8DA03#			
			9.9pF	±0.5pF	GRM0222C1H9R9DA03#			
			10pF	±5%	GRM0222C1H100JA03#			
			11pF	±5%	GRM0222C1H110JA03#			
			12pF	±5%	GRM0222C1H120JA03#			
			13pF	±5%	GRM0222C1H130JA03#			
			15pF	±5%	GRM0222C1H150JA03#			
			16pF	±5%	GRM0222C1H160JA03#			
			18pF	±5%	GRM0222C1H180JA02#			
			20pF	±5%	GRM0222C1H200JA02#			
			22pF	±5%	GRM0222C1H220JA02#			
			24pF	±5%	GRM0222C1H240JA02#			
			27pF	±5%	GRM0222C1H270JA02#			
			30pF	±5%	GRM0222C1H300JA02#			
			33pF	±5%	GRM0222C1H330JA02#			
			36pF	±5%	GRM0222C1H360JA02#			
			39pF	±5%	GRM0222C1H390JA02#			
			43pF	±5%	GRM0222C1H430JA02#			
			47pF	±5%	GRM0222C1H470JA02#			
			51pF	±5%	GRM0222C1H510JA02#			
			56pF	±5%	GRM0222C1H560JA02#			
			62pF	±5%	GRM0222C1H620JA02#			
			68pF	±5%	GRM0222C1H680JA02#			
			75pF	±5%	GRM0222C1H750JA02#			
			82pF	±5%	GRM0222C1H820JA02#			
			91pF	±5%	GRM0222C1H910JA02#			
			100pF	±5%	GRM0222C1H101JA02#			
			25Vdc	COG	120pF	±5%	GRM0225C1E121JA02#	
					150pF	±5%	GRM0225C1E151JA02#	
					180pF	±5%	GRM0225C1E181JA02#	
					220pF	±5%	GRM0225C1E221JA02#	
					CH	120pF	±5%	GRM0222C1E121JA02#
						150pF	±5%	GRM0222C1E151JA02#
						180pF	±5%	GRM0222C1E181JA02#
						220pF	±5%	GRM0222C1E221JA02#
						120pF	±5%	GRM0225C1C121JA02#
						150pF	±5%	GRM0225C1C151JA02#
			16Vdc	COG	120pF	±5%	GRM0225C1C121JA02#	
					150pF	±5%	GRM0225C1C151JA02#	



Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

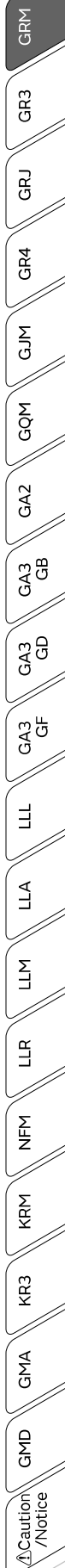
(→ 0.4×0.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	16Vdc	COG	180pF	±5%	GRM0225C1C181JA02#
			220pF	±5%	GRM0225C1C221JA02#
		CH	120pF	±5%	GRM0222C1C121JA02#
			150pF	±5%	GRM0222C1C151JA02#
			180pF	±5%	GRM0222C1C181JA02#
			220pF	±5%	GRM0222C1C221JA02#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	COG	4.4pF	±0.25pF	GRM0335C2A4R4CA01#
			4.5pF	±0.25pF	GRM0335C2A4R5CA01#
			4.6pF	±0.25pF	GRM0335C2A4R6CA01#
			4.7pF	±0.25pF	GRM0335C2A4R7CA01#
			4.8pF	±0.25pF	GRM0335C2A4R8CA01#
			4.9pF	±0.25pF	GRM0335C2A4R9CA01#
			5.0pF	±0.25pF	GRM0335C2A5R0CA01#
			5.1pF	±0.5pF	GRM0335C2A5R1DA01#
			5.2pF	±0.5pF	GRM0335C2A5R2DA01#
			5.3pF	±0.5pF	GRM0335C2A5R3DA01#
			5.4pF	±0.5pF	GRM0335C2A5R4DA01#
			5.5pF	±0.5pF	GRM0335C2A5R5DA01#
			5.6pF	±0.5pF	GRM0335C2A5R6DA01#
			5.7pF	±0.5pF	GRM0335C2A5R7DA01#
			5.8pF	±0.5pF	GRM0335C2A5R8DA01#
			5.9pF	±0.5pF	GRM0335C2A5R9DA01#
			6.0pF	±0.5pF	GRM0335C2A6R0DA01#
			6.1pF	±0.5pF	GRM0335C2A6R1DA01#
			6.2pF	±0.5pF	GRM0335C2A6R2DA01#
			6.3pF	±0.5pF	GRM0335C2A6R3DA01#
			6.4pF	±0.5pF	GRM0335C2A6R4DA01#
			6.5pF	±0.5pF	GRM0335C2A6R5DA01#
			6.6pF	±0.5pF	GRM0335C2A6R6DA01#
			6.7pF	±0.5pF	GRM0335C2A6R7DA01#
			6.8pF	±0.5pF	GRM0335C2A6R8DA01#
			6.9pF	±0.5pF	GRM0335C2A6R9DA01#
			7.0pF	±0.5pF	GRM0335C2A7R0DA01#
7.1pF	±0.5pF	GRM0335C2A7R1DA01#			
7.2pF	±0.5pF	GRM0335C2A7R2DA01#			
7.3pF	±0.5pF	GRM0335C2A7R3DA01#			
7.4pF	±0.5pF	GRM0335C2A7R4DA01#			
7.5pF	±0.5pF	GRM0335C2A7R5DA01#			
7.6pF	±0.5pF	GRM0335C2A7R6DA01#			
7.7pF	±0.5pF	GRM0335C2A7R7DA01#			
7.8pF	±0.5pF	GRM0335C2A7R8DA01#			
7.9pF	±0.5pF	GRM0335C2A7R9DA01#			
8.0pF	±0.5pF	GRM0335C2A8R0DA01#			
8.1pF	±0.5pF	GRM0335C2A8R1DA01#			
8.2pF	±0.5pF	GRM0335C2A8R2DA01#			
8.3pF	±0.5pF	GRM0335C2A8R3DA01#			
8.4pF	±0.5pF	GRM0335C2A8R4DA01#			
8.5pF	±0.5pF	GRM0335C2A8R5DA01#			
8.6pF	±0.5pF	GRM0335C2A8R6DA01#			
8.7pF	±0.5pF	GRM0335C2A8R7DA01#			
8.8pF	±0.5pF	GRM0335C2A8R8DA01#			
8.9pF	±0.5pF	GRM0335C2A8R9DA01#			
9.0pF	±0.5pF	GRM0335C2A9R0DA01#			
9.1pF	±0.5pF	GRM0335C2A9R1DA01#			
9.2pF	±0.5pF	GRM0335C2A9R2DA01#			
9.3pF	±0.5pF	GRM0335C2A9R3DA01#			
9.4pF	±0.5pF	GRM0335C2A9R4DA01#			
9.5pF	±0.5pF	GRM0335C2A9R5DA01#			
9.6pF	±0.5pF	GRM0335C2A9R6DA01#			
9.7pF	±0.5pF	GRM0335C2A9R7DA01#			

0.6×0.3mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	COG	0.10pF	±0.05pF	GRM0335C2AR10WA01#
			0.20pF	±0.1pF	GRM0335C2AR20BA01#
			0.30pF	±0.1pF	GRM0335C2AR30BA01#
			0.40pF	±0.1pF	GRM0335C2AR40BA01#
			0.50pF	±0.1pF	GRM0335C2AR50BA01#
			0.60pF	±0.1pF	GRM0335C2AR60BA01#
			0.70pF	±0.1pF	GRM0335C2AR70BA01#
			0.80pF	±0.1pF	GRM0335C2AR80BA01#
			0.90pF	±0.1pF	GRM0335C2AR90BA01#
			1.0pF	±0.25pF	GRM0335C2A1R0CA01#
			1.1pF	±0.25pF	GRM0335C2A1R1CA01#
			1.2pF	±0.25pF	GRM0335C2A1R2CA01#
			1.3pF	±0.25pF	GRM0335C2A1R3CA01#
			1.4pF	±0.25pF	GRM0335C2A1R4CA01#
			1.5pF	±0.25pF	GRM0335C2A1R5CA01#
			1.6pF	±0.25pF	GRM0335C2A1R6CA01#
			1.7pF	±0.25pF	GRM0335C2A1R7CA01#
			1.8pF	±0.25pF	GRM0335C2A1R8CA01#
			1.9pF	±0.25pF	GRM0335C2A1R9CA01#
			2.0pF	±0.25pF	GRM0335C2A2R0CA01#
			2.1pF	±0.25pF	GRM0335C2A2R1CA01#
			2.2pF	±0.25pF	GRM0335C2A2R2CA01#
			2.3pF	±0.25pF	GRM0335C2A2R3CA01#
			2.4pF	±0.25pF	GRM0335C2A2R4CA01#
			2.5pF	±0.25pF	GRM0335C2A2R5CA01#
			2.6pF	±0.25pF	GRM0335C2A2R6CA01#
			2.7pF	±0.25pF	GRM0335C2A2R7CA01#
			2.8pF	±0.25pF	GRM0335C2A2R8CA01#
			2.9pF	±0.25pF	GRM0335C2A2R9CA01#
			3.0pF	±0.25pF	GRM0335C2A3R0CA01#
			3.1pF	±0.25pF	GRM0335C2A3R1CA01#
			3.2pF	±0.25pF	GRM0335C2A3R2CA01#
			3.3pF	±0.25pF	GRM0335C2A3R3CA01#
3.4pF	±0.25pF	GRM0335C2A3R4CA01#			
3.5pF	±0.25pF	GRM0335C2A3R5CA01#			
3.6pF	±0.25pF	GRM0335C2A3R6CA01#			
3.7pF	±0.25pF	GRM0335C2A3R7CA01#			
3.8pF	±0.25pF	GRM0335C2A3R8CA01#			
3.9pF	±0.25pF	GRM0335C2A3R9CA01#			
4.0pF	±0.25pF	GRM0335C2A4R0CA01#			
4.1pF	±0.25pF	GRM0335C2A4R1CA01#			
4.2pF	±0.25pF	GRM0335C2A4R2CA01#			
4.3pF	±0.25pF	GRM0335C2A4R3CA01#			



Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	100Vdc	COG	9.8pF	±0.5pF	GRM0335C2A9R8DA01#	
			9.9pF	±0.5pF	GRM0335C2A9R9DA01#	
			10pF	±5%	GRM0335C2A100JA01#	
			12pF	±5%	GRM0335C2A120JA01#	
			15pF	±5%	GRM0335C2A150JA01#	
			18pF	±5%	GRM0335C2A180JA01#	
			20pF	±5%	GRM0335C2A200JA01#	
			22pF	±5%	GRM0335C2A220JA01#	
			24pF	±5%	GRM0335C2A240JA01#	
			27pF	±5%	GRM0335C2A270JA01#	
			30pF	±5%	GRM0335C2A300JA01#	
			33pF	±5%	GRM0335C2A330JA01#	
			36pF	±5%	GRM0335C2A360JA01#	
			39pF	±5%	GRM0335C2A390JA01#	
			43pF	±5%	GRM0335C2A430JA01#	
			47pF	±5%	GRM0335C2A470JA01#	
			51pF	±5%	GRM0335C2A510JA01#	
			56pF	±5%	GRM0335C2A560JA01#	
			62pF	±5%	GRM0335C2A620JA01#	
			68pF	±5%	GRM0335C2A680JA01#	
			75pF	±5%	GRM0335C2A750JA01#	
			82pF	±5%	GRM0335C2A820JA01#	
			91pF	±5%	GRM0335C2A910JA01#	
			100pF	±5%	GRM0335C2A101JA01#	
			CK	0.10pF	±0.05pF	GRM0334C2AR10WA01#
				0.20pF	±0.1pF	GRM0334C2AR20BA01#
				0.30pF	±0.1pF	GRM0334C2AR30BA01#
				0.40pF	±0.1pF	GRM0334C2AR40BA01#
				0.50pF	±0.1pF	GRM0334C2AR50BA01#
				0.60pF	±0.1pF	GRM0334C2AR60BA01#
		0.70pF		±0.1pF	GRM0334C2AR70BA01#	
		0.80pF		±0.1pF	GRM0334C2AR80BA01#	
		0.90pF		±0.1pF	GRM0334C2AR90BA01#	
		1.0pF		±0.25pF	GRM0334C2A1R0CA01#	
		1.1pF		±0.25pF	GRM0334C2A1R1CA01#	
		1.2pF		±0.25pF	GRM0334C2A1R2CA01#	
		1.3pF		±0.25pF	GRM0334C2A1R3CA01#	
		1.4pF		±0.25pF	GRM0334C2A1R4CA01#	
		1.5pF		±0.25pF	GRM0334C2A1R5CA01#	
		1.6pF		±0.25pF	GRM0334C2A1R6CA01#	
		1.7pF		±0.25pF	GRM0334C2A1R7CA01#	
		1.8pF		±0.25pF	GRM0334C2A1R8CA01#	
		1.9pF		±0.25pF	GRM0334C2A1R9CA01#	
		2.0pF		±0.25pF	GRM0334C2A2R0CA01#	
		CJ	2.1pF	±0.25pF	GRM0333C2A2R1CA01#	
2.2pF	±0.25pF		GRM0333C2A2R2CA01#			
2.3pF	±0.25pF		GRM0333C2A2R3CA01#			
2.4pF	±0.25pF		GRM0333C2A2R4CA01#			
2.5pF	±0.25pF		GRM0333C2A2R5CA01#			
2.6pF	±0.25pF		GRM0333C2A2R6CA01#			
2.7pF	±0.25pF		GRM0333C2A2R7CA01#			
2.8pF	±0.25pF		GRM0333C2A2R8CA01#			
2.9pF	±0.25pF		GRM0333C2A2R9CA01#			
3.0pF	±0.25pF		GRM0333C2A3R0CA01#			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	100Vdc	CJ	3.1pF	±0.25pF	GRM0333C2A3R1CA01#	
			3.2pF	±0.25pF	GRM0333C2A3R2CA01#	
			3.3pF	±0.25pF	GRM0333C2A3R3CA01#	
			3.4pF	±0.25pF	GRM0333C2A3R4CA01#	
			3.5pF	±0.25pF	GRM0333C2A3R5CA01#	
			3.6pF	±0.25pF	GRM0333C2A3R6CA01#	
			3.7pF	±0.25pF	GRM0333C2A3R7CA01#	
			3.8pF	±0.25pF	GRM0333C2A3R8CA01#	
			3.9pF	±0.25pF	GRM0333C2A3R9CA01#	
			CH	4.0pF	±0.25pF	GRM0332C2A4R0CA01#
				4.1pF	±0.25pF	GRM0332C2A4R1CA01#
				4.2pF	±0.25pF	GRM0332C2A4R2CA01#
				4.3pF	±0.25pF	GRM0332C2A4R3CA01#
				4.4pF	±0.25pF	GRM0332C2A4R4CA01#
				4.5pF	±0.25pF	GRM0332C2A4R5CA01#
				4.6pF	±0.25pF	GRM0332C2A4R6CA01#
				4.7pF	±0.25pF	GRM0332C2A4R7CA01#
				4.8pF	±0.25pF	GRM0332C2A4R8CA01#
				4.9pF	±0.25pF	GRM0332C2A4R9CA01#
				5.0pF	±0.25pF	GRM0332C2A5R0CA01#
				5.1pF	±0.5pF	GRM0332C2A5R1DA01#
				5.2pF	±0.5pF	GRM0332C2A5R2DA01#
				5.3pF	±0.5pF	GRM0332C2A5R3DA01#
				5.4pF	±0.5pF	GRM0332C2A5R4DA01#
			5.5pF	±0.5pF	GRM0332C2A5R5DA01#	
			5.6pF	±0.5pF	GRM0332C2A5R6DA01#	
			5.7pF	±0.5pF	GRM0332C2A5R7DA01#	
			5.8pF	±0.5pF	GRM0332C2A5R8DA01#	
			5.9pF	±0.5pF	GRM0332C2A5R9DA01#	
			6.0pF	±0.5pF	GRM0332C2A6R0DA01#	
		6.1pF	±0.5pF	GRM0332C2A6R1DA01#		
		6.2pF	±0.5pF	GRM0332C2A6R2DA01#		
		6.3pF	±0.5pF	GRM0332C2A6R3DA01#		
		6.4pF	±0.5pF	GRM0332C2A6R4DA01#		
		6.5pF	±0.5pF	GRM0332C2A6R5DA01#		
		6.6pF	±0.5pF	GRM0332C2A6R6DA01#		
		6.7pF	±0.5pF	GRM0332C2A6R7DA01#		
		6.8pF	±0.5pF	GRM0332C2A6R8DA01#		
		6.9pF	±0.5pF	GRM0332C2A6R9DA01#		
		7.0pF	±0.5pF	GRM0332C2A7R0DA01#		
		7.1pF	±0.5pF	GRM0332C2A7R1DA01#		
		7.2pF	±0.5pF	GRM0332C2A7R2DA01#		
		7.3pF	±0.5pF	GRM0332C2A7R3DA01#		
		7.4pF	±0.5pF	GRM0332C2A7R4DA01#		
		7.5pF	±0.5pF	GRM0332C2A7R5DA01#		
7.6pF	±0.5pF	GRM0332C2A7R6DA01#				
7.7pF	±0.5pF	GRM0332C2A7R7DA01#				
7.8pF	±0.5pF	GRM0332C2A7R8DA01#				
7.9pF	±0.5pF	GRM0332C2A7R9DA01#				
8.0pF	±0.5pF	GRM0332C2A8R0DA01#				
8.1pF	±0.5pF	GRM0332C2A8R1DA01#				
8.2pF	±0.5pF	GRM0332C2A8R2DA01#				
8.3pF	±0.5pF	GRM0332C2A8R3DA01#				
8.4pF	±0.5pF	GRM0332C2A8R4DA01#				



Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.33mm	100Vdc	CH	8.5pF	±0.5pF	GRM0332C2A8R5DA01#		
			8.6pF	±0.5pF	GRM0332C2A8R6DA01#		
			8.7pF	±0.5pF	GRM0332C2A8R7DA01#		
			8.8pF	±0.5pF	GRM0332C2A8R8DA01#		
			8.9pF	±0.5pF	GRM0332C2A8R9DA01#		
			9.0pF	±0.5pF	GRM0332C2A9R0DA01#		
			9.1pF	±0.5pF	GRM0332C2A9R1DA01#		
			9.2pF	±0.5pF	GRM0332C2A9R2DA01#		
			9.3pF	±0.5pF	GRM0332C2A9R3DA01#		
			9.4pF	±0.5pF	GRM0332C2A9R4DA01#		
			9.5pF	±0.5pF	GRM0332C2A9R5DA01#		
			9.6pF	±0.5pF	GRM0332C2A9R6DA01#		
			9.7pF	±0.5pF	GRM0332C2A9R7DA01#		
			9.8pF	±0.5pF	GRM0332C2A9R8DA01#		
			9.9pF	±0.5pF	GRM0332C2A9R9DA01#		
			10pF	±5%	GRM0332C2A100JA01#		
			12pF	±5%	GRM0332C2A120JA01#		
			15pF	±5%	GRM0332C2A150JA01#		
			18pF	±5%	GRM0332C2A180JA01#		
			20pF	±5%	GRM0332C2A200JA01#		
			22pF	±5%	GRM0332C2A220JA01#		
			24pF	±5%	GRM0332C2A240JA01#		
			27pF	±5%	GRM0332C2A270JA01#		
			30pF	±5%	GRM0332C2A300JA01#		
			33pF	±5%	GRM0332C2A330JA01#		
			36pF	±5%	GRM0332C2A360JA01#		
			39pF	±5%	GRM0332C2A390JA01#		
			43pF	±5%	GRM0332C2A430JA01#		
			47pF	±5%	GRM0332C2A470JA01#		
			51pF	±5%	GRM0332C2A510JA01#		
			56pF	±5%	GRM0332C2A560JA01#		
			62pF	±5%	GRM0332C2A620JA01#		
			68pF	±5%	GRM0332C2A680JA01#		
			75pF	±5%	GRM0332C2A750JA01#		
			82pF	±5%	GRM0332C2A820JA01#		
			91pF	±5%	GRM0332C2A910JA01#		
			100pF	±5%	GRM0332C2A101JA01#		
			50Vdc	COG	0.10pF	±0.05pF	GRM0335C1HR10WA01#
					0.20pF	±0.1pF	GRM0335C1HR20BA01#
					0.30pF	±0.1pF	GRM0335C1HR30BA01#
					0.40pF	±0.1pF	GRM0335C1HR40BA01#
					0.50pF	±0.1pF	GRM0335C1HR50BA01#
					0.60pF	±0.1pF	GRM0335C1HR60BA01#
					0.70pF	±0.1pF	GRM0335C1HR70BA01#
					0.80pF	±0.1pF	GRM0335C1HR80BA01#
					0.90pF	±0.1pF	GRM0335C1HR90BA01#
					1.0pF	±0.25pF	GRM0335C1H1R0CA01#
					1.1pF	±0.25pF	GRM0335C1H1R1CA01#
1.2pF	±0.25pF	GRM0335C1H1R2CA01#					
1.3pF	±0.25pF	GRM0335C1H1R3CA01#					
1.4pF	±0.25pF	GRM0335C1H1R4CA01#					
1.5pF	±0.25pF	GRM0335C1H1R5CA01#					
1.6pF	±0.25pF	GRM0335C1H1R6CA01#					
1.7pF	±0.25pF	GRM0335C1H1R7CA01#					

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	50Vdc	COG	1.8pF	±0.25pF	GRM0335C1H1R8CA01#
			1.9pF	±0.25pF	GRM0335C1H1R9CA01#
			2.0pF	±0.25pF	GRM0335C1H2R0CA01#
			2.1pF	±0.25pF	GRM0335C1H2R1CA01#
			2.2pF	±0.25pF	GRM0335C1H2R2CA01#
			2.3pF	±0.25pF	GRM0335C1H2R3CA01#
			2.4pF	±0.25pF	GRM0335C1H2R4CA01#
			2.5pF	±0.25pF	GRM0335C1H2R5CA01#
			2.6pF	±0.25pF	GRM0335C1H2R6CA01#
			2.7pF	±0.25pF	GRM0335C1H2R7CA01#
			2.8pF	±0.25pF	GRM0335C1H2R8CA01#
			2.9pF	±0.25pF	GRM0335C1H2R9CA01#
			3.0pF	±0.25pF	GRM0335C1H3R0CA01#
			3.1pF	±0.25pF	GRM0335C1H3R1CA01#
			3.2pF	±0.25pF	GRM0335C1H3R2CA01#
			3.3pF	±0.25pF	GRM0335C1H3R3CA01#
			3.4pF	±0.25pF	GRM0335C1H3R4CA01#
			3.5pF	±0.25pF	GRM0335C1H3R5CA01#
			3.6pF	±0.25pF	GRM0335C1H3R6CA01#
			3.7pF	±0.25pF	GRM0335C1H3R7CA01#
			3.8pF	±0.25pF	GRM0335C1H3R8CA01#
			3.9pF	±0.25pF	GRM0335C1H3R9CA01#
			4.0pF	±0.25pF	GRM0335C1H4R0CA01#
			4.1pF	±0.25pF	GRM0335C1H4R1CA01#
			4.2pF	±0.25pF	GRM0335C1H4R2CA01#
			4.3pF	±0.25pF	GRM0335C1H4R3CA01#
			4.4pF	±0.25pF	GRM0335C1H4R4CA01#
			4.5pF	±0.25pF	GRM0335C1H4R5CA01#
			4.6pF	±0.25pF	GRM0335C1H4R6CA01#
			4.7pF	±0.25pF	GRM0335C1H4R7CA01#
			4.8pF	±0.25pF	GRM0335C1H4R8CA01#
			4.9pF	±0.25pF	GRM0335C1H4R9CA01#
			5.0pF	±0.25pF	GRM0335C1H5R0CA01#
			5.1pF	±0.5pF	GRM0335C1H5R1DA01#
			5.2pF	±0.5pF	GRM0335C1H5R2DA01#
			5.3pF	±0.5pF	GRM0335C1H5R3DA01#
			5.4pF	±0.5pF	GRM0335C1H5R4DA01#
			5.5pF	±0.5pF	GRM0335C1H5R5DA01#
			5.6pF	±0.5pF	GRM0335C1H5R6DA01#
			5.7pF	±0.5pF	GRM0335C1H5R7DA01#
			5.8pF	±0.5pF	GRM0335C1H5R8DA01#
			5.9pF	±0.5pF	GRM0335C1H5R9DA01#
			6.0pF	±0.5pF	GRM0335C1H6R0DA01#
			6.1pF	±0.5pF	GRM0335C1H6R1DA01#
			6.2pF	±0.5pF	GRM0335C1H6R2DA01#
			6.3pF	±0.5pF	GRM0335C1H6R3DA01#
			6.4pF	±0.5pF	GRM0335C1H6R4DA01#
			6.5pF	±0.5pF	GRM0335C1H6R5DA01#
6.6pF	±0.5pF	GRM0335C1H6R6DA01#			
6.7pF	±0.5pF	GRM0335C1H6R7DA01#			
6.8pF	±0.5pF	GRM0335C1H6R8DA01#			
6.9pF	±0.5pF	GRM0335C1H6R9DA01#			
7.0pF	±0.5pF	GRM0335C1H7R0DA01#			
7.1pF	±0.5pF	GRM0335C1H7R1DA01#			

- GRM
- GR3
- GRJ
- GR4
- GJM
- GQM
- GA2
- GA3 GB
- GA3 GD
- GA3 GF
- LLL
- LLA
- LLM
- LLR
- NFM
- KRM
- KR3
- GMA
- GMD
- △Caution /Notice

Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number			
0.33mm	50Vdc	COG	7.2pF	±0.5pF	GRM0335C1H7R2DA01#			
			7.3pF	±0.5pF	GRM0335C1H7R3DA01#			
			7.4pF	±0.5pF	GRM0335C1H7R4DA01#			
			7.5pF	±0.5pF	GRM0335C1H7R5DA01#			
			7.6pF	±0.5pF	GRM0335C1H7R6DA01#			
			7.7pF	±0.5pF	GRM0335C1H7R7DA01#			
			7.8pF	±0.5pF	GRM0335C1H7R8DA01#			
			7.9pF	±0.5pF	GRM0335C1H7R9DA01#			
			8.0pF	±0.5pF	GRM0335C1H8R0DA01#			
			8.1pF	±0.5pF	GRM0335C1H8R1DA01#			
			8.2pF	±0.5pF	GRM0335C1H8R2DA01#			
			8.3pF	±0.5pF	GRM0335C1H8R3DA01#			
			8.4pF	±0.5pF	GRM0335C1H8R4DA01#			
			8.5pF	±0.5pF	GRM0335C1H8R5DA01#			
			8.6pF	±0.5pF	GRM0335C1H8R6DA01#			
			8.7pF	±0.5pF	GRM0335C1H8R7DA01#			
			8.8pF	±0.5pF	GRM0335C1H8R8DA01#			
			8.9pF	±0.5pF	GRM0335C1H8R9DA01#			
			9.0pF	±0.5pF	GRM0335C1H9R0DA01#			
			9.1pF	±0.5pF	GRM0335C1H9R1DA01#			
			9.2pF	±0.5pF	GRM0335C1H9R2DA01#			
			9.3pF	±0.5pF	GRM0335C1H9R3DA01#			
			9.4pF	±0.5pF	GRM0335C1H9R4DA01#			
			9.5pF	±0.5pF	GRM0335C1H9R5DA01#			
			9.6pF	±0.5pF	GRM0335C1H9R6DA01#			
			9.7pF	±0.5pF	GRM0335C1H9R7DA01#			
			9.8pF	±0.5pF	GRM0335C1H9R8DA01#			
			9.9pF	±0.5pF	GRM0335C1H9R9DA01#			
			10pF	±5%	GRM0335C1H100JA01#			
			12pF	±5%	GRM0335C1H120JA01#			
			15pF	±5%	GRM0335C1H150JA01#			
			18pF	±5%	GRM0335C1H180JA01#			
			22pF	±5%	GRM0335C1H220JA01#			
			27pF	±5%	GRM0335C1H270JA01#			
			33pF	±5%	GRM0335C1H330JA01#			
			39pF	±5%	GRM0335C1H390JA01#			
			47pF	±5%	GRM0335C1H470JA01#			
			56pF	±5%	GRM0335C1H560JA01#			
			68pF	±5%	GRM0335C1H680JA01#			
			82pF	±5%	GRM0335C1H820JA01#			
			100pF	±5%	GRM0335C1H101JA01#			
			120pF	±5%	GRM0335C1H121JA01#			
			150pF	±5%	GRM0335C1H151JA01#			
			180pF	±5%	GRM0335C1H181JA01#			
			220pF	±5%	GRM0335C1H221JA01#			
			0.33mm	50Vdc	CK	0.10pF	±0.05pF	GRM0334C1HR10WA01#
						0.20pF	±0.1pF	GRM0334C1HR20BA01#
						0.30pF	±0.1pF	GRM0334C1HR30BA01#
						0.40pF	±0.1pF	GRM0334C1HR40BA01#
						0.50pF	±0.1pF	GRM0334C1HR50BA01#
0.60pF	±0.1pF	GRM0334C1HR60BA01#						
0.70pF	±0.1pF	GRM0334C1HR70BA01#						
0.80pF	±0.1pF	GRM0334C1HR80BA01#						
0.90pF	±0.1pF	GRM0334C1HR90BA01#						

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	50Vdc	CK	1.0pF	±0.25pF	GRM0334C1H1R0CA01#	
			1.1pF	±0.25pF	GRM0334C1H1R1CA01#	
			1.2pF	±0.25pF	GRM0334C1H1R2CA01#	
			1.3pF	±0.25pF	GRM0334C1H1R3CA01#	
			1.4pF	±0.25pF	GRM0334C1H1R4CA01#	
			1.5pF	±0.25pF	GRM0334C1H1R5CA01#	
			1.6pF	±0.25pF	GRM0334C1H1R6CA01#	
			1.7pF	±0.25pF	GRM0334C1H1R7CA01#	
			1.8pF	±0.25pF	GRM0334C1H1R8CA01#	
			1.9pF	±0.25pF	GRM0334C1H1R9CA01#	
			2.0pF	±0.25pF	GRM0334C1H2R0CA01#	
			CJ	2.1pF	±0.25pF	GRM0333C1H2R1CA01#
				2.2pF	±0.25pF	GRM0333C1H2R2CA01#
				2.3pF	±0.25pF	GRM0333C1H2R3CA01#
				2.4pF	±0.25pF	GRM0333C1H2R4CA01#
				2.5pF	±0.25pF	GRM0333C1H2R5CA01#
				2.6pF	±0.25pF	GRM0333C1H2R6CA01#
				2.7pF	±0.25pF	GRM0333C1H2R7CA01#
				2.8pF	±0.25pF	GRM0333C1H2R8CA01#
				2.9pF	±0.25pF	GRM0333C1H2R9CA01#
		3.0pF		±0.25pF	GRM0333C1H3R0CA01#	
		3.1pF		±0.25pF	GRM0333C1H3R1CA01#	
		3.2pF		±0.25pF	GRM0333C1H3R2CA01#	
		3.3pF		±0.25pF	GRM0333C1H3R3CA01#	
		3.4pF		±0.25pF	GRM0333C1H3R4CA01#	
		3.5pF		±0.25pF	GRM0333C1H3R5CA01#	
		3.6pF		±0.25pF	GRM0333C1H3R6CA01#	
		3.7pF		±0.25pF	GRM0333C1H3R7CA01#	
		3.8pF		±0.25pF	GRM0333C1H3R8CA01#	
		3.9pF	±0.25pF	GRM0333C1H3R9CA01#		
		CH	4.0pF	±0.25pF	GRM0332C1H4R0CA01#	
			4.1pF	±0.25pF	GRM0332C1H4R1CA01#	
			4.2pF	±0.25pF	GRM0332C1H4R2CA01#	
			4.3pF	±0.25pF	GRM0332C1H4R3CA01#	
			4.4pF	±0.25pF	GRM0332C1H4R4CA01#	
			4.5pF	±0.25pF	GRM0332C1H4R5CA01#	
			4.6pF	±0.25pF	GRM0332C1H4R6CA01#	
			4.7pF	±0.25pF	GRM0332C1H4R7CA01#	
			4.8pF	±0.25pF	GRM0332C1H4R8CA01#	
			4.9pF	±0.25pF	GRM0332C1H4R9CA01#	
			5.0pF	±0.25pF	GRM0332C1H5R0CA01#	
			5.1pF	±0.5pF	GRM0332C1H5R1DA01#	
		5.2pF	±0.5pF	GRM0332C1H5R2DA01#		
		5.3pF	±0.5pF	GRM0332C1H5R3DA01#		
		5.4pF	±0.5pF	GRM0332C1H5R4DA01#		
		5.5pF	±0.5pF	GRM0332C1H5R5DA01#		
		5.6pF	±0.5pF	GRM0332C1H5R6DA01#		
		5.7pF	±0.5pF	GRM0332C1H5R7DA01#		
		5.8pF	±0.5pF	GRM0332C1H5R8DA01#		
		5.9pF	±0.5pF	GRM0332C1H5R9DA01#		
6.0pF	±0.5pF	GRM0332C1H6R0DA01#				
6.1pF	±0.5pF	GRM0332C1H6R1DA01#				
6.2pF	±0.5pF	GRM0332C1H6R2DA01#				
6.3pF	±0.5pF	GRM0332C1H6R3DA01#				



Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	50Vdc	CH	6.4pF	±0.5pF	GRM0332C1H6R4DA01#
			6.5pF	±0.5pF	GRM0332C1H6R5DA01#
			6.6pF	±0.5pF	GRM0332C1H6R6DA01#
			6.7pF	±0.5pF	GRM0332C1H6R7DA01#
			6.8pF	±0.5pF	GRM0332C1H6R8DA01#
			6.9pF	±0.5pF	GRM0332C1H6R9DA01#
			7.0pF	±0.5pF	GRM0332C1H7R0DA01#
			7.1pF	±0.5pF	GRM0332C1H7R1DA01#
			7.2pF	±0.5pF	GRM0332C1H7R2DA01#
			7.3pF	±0.5pF	GRM0332C1H7R3DA01#
			7.4pF	±0.5pF	GRM0332C1H7R4DA01#
			7.5pF	±0.5pF	GRM0332C1H7R5DA01#
			7.6pF	±0.5pF	GRM0332C1H7R6DA01#
			7.7pF	±0.5pF	GRM0332C1H7R7DA01#
			7.8pF	±0.5pF	GRM0332C1H7R8DA01#
			7.9pF	±0.5pF	GRM0332C1H7R9DA01#
			8.0pF	±0.5pF	GRM0332C1H8R0DA01#
			8.1pF	±0.5pF	GRM0332C1H8R1DA01#
			8.2pF	±0.5pF	GRM0332C1H8R2DA01#
			8.3pF	±0.5pF	GRM0332C1H8R3DA01#
			8.4pF	±0.5pF	GRM0332C1H8R4DA01#
			8.5pF	±0.5pF	GRM0332C1H8R5DA01#
			8.6pF	±0.5pF	GRM0332C1H8R6DA01#
			8.7pF	±0.5pF	GRM0332C1H8R7DA01#
			8.8pF	±0.5pF	GRM0332C1H8R8DA01#
			8.9pF	±0.5pF	GRM0332C1H8R9DA01#
			9.0pF	±0.5pF	GRM0332C1H9R0DA01#
			9.1pF	±0.5pF	GRM0332C1H9R1DA01#
			9.2pF	±0.5pF	GRM0332C1H9R2DA01#
			9.3pF	±0.5pF	GRM0332C1H9R3DA01#
			9.4pF	±0.5pF	GRM0332C1H9R4DA01#
			9.5pF	±0.5pF	GRM0332C1H9R5DA01#
			9.6pF	±0.5pF	GRM0332C1H9R6DA01#
			9.7pF	±0.5pF	GRM0332C1H9R7DA01#
			9.8pF	±0.5pF	GRM0332C1H9R8DA01#
			9.9pF	±0.5pF	GRM0332C1H9R9DA01#
			10pF	±5%	GRM0332C1H100JA01#
			12pF	±5%	GRM0332C1H120JA01#
			15pF	±5%	GRM0332C1H150JA01#
			18pF	±5%	GRM0332C1H180JA01#
			22pF	±5%	GRM0332C1H220JA01#
			27pF	±5%	GRM0332C1H270JA01#
			33pF	±5%	GRM0332C1H330JA01#
			39pF	±5%	GRM0332C1H390JA01#
			47pF	±5%	GRM0332C1H470JA01#
			56pF	±5%	GRM0332C1H560JA01#
			68pF	±5%	GRM0332C1H680JA01#
			82pF	±5%	GRM0332C1H820JA01#
			100pF	±5%	GRM0332C1H101JA01#
			120pF	±5%	GRM0332C1H121JA01#
			150pF	±5%	GRM0332C1H151JA01#
			180pF	±5%	GRM0332C1H181JA01#
			220pF	±5%	GRM0332C1H221JA01#
			25Vdc	COG	270pF

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	25Vdc	COG	330pF	±5%	GRM0335C1E331JA01#	
			390pF	±5%	GRM0335C1E391JA01#	
			470pF	±5%	GRM0335C1E471JA01#	
			560pF	±5%	GRM0335C1E561JA01#	
			680pF	±5%	GRM0335C1E681JA01#	
			820pF	±5%	GRM0335C1E821JA01#	
			910pF	±5%	GRM0335C1E911JA01#	
			1000pF	±5%	GRM0335C1E102JA01#	
			CH	270pF	±5%	GRM0332C1E271JA01#
				330pF	±5%	GRM0332C1E331JA01#
				390pF	±5%	GRM0332C1E391JA01#
				470pF	±5%	GRM0332C1E471JA01#
		560pF		±5%	GRM0332C1E561JA01#	
		680pF		±5%	GRM0332C1E681JA01#	
		820pF		±5%	GRM0332C1E821JA01#	
		1000pF		±5%	GRM0332C1E102JA01#	

1.0×0.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.55mm	100Vdc	COG	150pF	±5%	GRM1555C2A151JE01#		
			220pF	±5%	GRM1555C2A221JE01#		
			330pF	±5%	GRM1555C2A331JE01#		
			470pF	±5%	GRM1555C2A471JE01#		
			680pF	±5%	GRM1555C2A681JE01#		
			1000pF	±5%	GRM1555C2A102JE01#		
			50Vdc	COG	270pF	±5%	GRM1555C1H271JA01#
					330pF	±5%	GRM1555C1H331JA01#
					390pF	±5%	GRM1555C1H391JA01#
					470pF	±5%	GRM1555C1H471JA01#
					560pF	±5%	GRM1555C1H561JA01#
					680pF	±5%	GRM1555C1H681JA01#
		820pF			±5%	GRM1555C1H821JA01#	
		1000pF			±5%	GRM1555C1H102JA01#	
		1200pF			±5%	GRM1555C1H122JA01#	
		1500pF			±5%	GRM1555C1H152JA01#	
		1800pF			±5%	GRM1555C1H182JA01#	
		2200pF			±5%	GRM1555C1H222JA01#	
		3300pF	±5%	GRM1555C1H332JE01#			
		10Vdc	U2J	CH	270pF	±5%	GRM1552C1H271JA01#
					330pF	±5%	GRM1552C1H331JA01#
					390pF	±5%	GRM1552C1H391JA01#
					470pF	±5%	GRM1552C1H471JA01#
					560pF	±5%	GRM1552C1H561JA01#
	680pF				±5%	GRM1552C1H681JA01#	
	UJ		CH	2700pF	±5%	GRM1557U1A272JA01#	
				3300pF	±5%	GRM1557U1A332JA01#	
				3900pF	±5%	GRM1557U1A392JA01#	
				4700pF	±5%	GRM1557U1A472JA01#	
				2700pF	±5%	GRM1553U1A272JA01#	
				3300pF	±5%	GRM1553U1A332JA01#	



GRM Series Temperature Compensating Type Part Number List

(→ 1.0×0.5mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.55mm	10Vdc	UJ	3900pF	±5%	GRM1553U1A392JA01#
			4700pF	±5%	GRM1553U1A472JA01#
0.65mm	50Vdc	COG	4700pF	±5%	GRM1555C1H472JE01#
			6800pF	±5%	GRM1555C1H682JE01#
	35Vdc	COG	10000pF	±5%	GRM1555CYA103JE01#
	25Vdc	COG	10000pF	±5%	GRM1555C1E103JE01#

1.6×0.8mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.5mm	50Vdc	U2J	2200pF	±5%	GRM1857U1H222JA44#		
			2700pF	±5%	GRM1857U1H272JA44#		
			3300pF	±5%	GRM1857U1H332JA44#		
			3900pF	±5%	GRM1857U1H392JA44#		
			4700pF	±5%	GRM1857U1H472JA44#		
		UJ	2200pF	±5%	GRM1853U1H222JA44#		
			2700pF	±5%	GRM1853U1H272JA44#		
			3300pF	±5%	GRM1853U1H332JA44#		
			3900pF	±5%	GRM1853U1H392JA44#		
			4700pF	±5%	GRM1853U1H472JA44#		
	10Vdc	U2J	5600pF	±5%	GRM1857U1A562JA44#		
			6800pF	±5%	GRM1857U1A682JA44#		
			8200pF	±5%	GRM1857U1A822JA44#		
			10000pF	±5%	GRM1857U1A103JA44#		
			UJ	5600pF	±5%	GRM1853U1A562JA44#	
		6800pF		±5%	GRM1853U1A682JA44#		
		8200pF		±5%	GRM1853U1A822JA44#		
		10000pF		±5%	GRM1853U1A103JA44#		
		0.9mm		250Vdc	COG	10pF	±5%
			15pF			±5%	GRM1885C2E150JW07#
22pF	±5%		GRM1885C2E220JW07#				
33pF	±5%		GRM1885C2E330JW07#				
47pF	±5%		GRM1885C2E470JW07#				
100Vdc	COG		1000pF	±5%	GRM1885C2A102JA01#		
			1200pF	±5%	GRM1885C2A122JA01#		
			1500pF	±5%	GRM1885C2A152JA01#		
			1800pF	±5%	GRM1885C2A182JA01#		
			2200pF	±5%	GRM1885C2A222JA01#		
		2700pF	±5%	GRM1885C2A272JA01#			
		3300pF	±5%	GRM1885C2A332JA01#			
		3900pF	±5%	GRM1885C2A392JA01#			
		CH	1000pF	±5%	GRM1882C2A102JA01#		
	1200pF		±5%	GRM1882C2A122JA01#			
	1500pF		±5%	GRM1882C2A152JA01#			
	1800pF		±5%	GRM1882C2A182JA01#			
	2200pF		±5%	GRM1882C2A222JA01#			
	2700pF		±5%	GRM1882C2A272JA01#			
	50Vdc	COG	1000pF	±5%	GRM1885C1H102JA01#		
1200pF			±5%	GRM1885C1H122JA01#			
1500pF			±5%	GRM1885C1H152JA01#			
1800pF			±5%	GRM1885C1H182JA01#			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.9mm	50Vdc	COG	2200pF	±5%	GRM1885C1H222JA01#
			2700pF	±5%	GRM1885C1H272JA01#
			3300pF	±5%	GRM1885C1H332JA01#
			3900pF	±5%	GRM1885C1H392JA01#
			4700pF	±5%	GRM1885C1H472JA01#
			5600pF	±5%	GRM1885C1H562JA01#
			6800pF	±5%	GRM1885C1H682JA01#
			8200pF	±5%	GRM1885C1H822JA01#
			10000pF	±5%	GRM1885C1H103JA01#
			CH	1000pF	±5%
	1200pF	±5%		GRM1882C1H122JA01#	
	1500pF	±5%		GRM1882C1H152JA01#	
	1800pF	±5%		GRM1882C1H182JA01#	
	2200pF	±5%		GRM1882C1H222JA01#	
	2700pF	±5%		GRM1882C1H272JA01#	
	3300pF	±5%		GRM1882C1H332JA01#	
	3900pF	±5%		GRM1882C1H392JA01#	
	4700pF	±5%		GRM1882C1H472JA01#	
	5600pF	±5%		GRM1882C1H562JA01#	
	10Vdc	U2J	12000pF	±5%	GRM1887U1A123JA01#
15000pF			±5%	GRM1887U1A153JA01#	
18000pF			±5%	GRM1887U1A183JA01#	
22000pF			±5%	GRM1887U1A223JA01#	
UJ			12000pF	±5%	GRM1883U1A123JA01#
		15000pF	±5%	GRM1883U1A153JA01#	
		18000pF	±5%	GRM1883U1A183JA01#	
		22000pF	±5%	GRM1883U1A223JA01#	

2.0×1.25mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.65mm	100Vdc	COG	5600pF	±5%	GRM2165C2A562JA01#
			6800pF	±5%	GRM2165C2A682JA01#
			8200pF	±5%	GRM2165C2A822JA01#
			10000pF	±5%	GRM2165C2A103JA01#
			12000pF	±5%	GRM2165C2A123JA01#
	50Vdc	COG	18000pF	±5%	GRM2165C1H183JA01#
			22000pF	±5%	GRM2165C1H223JA01#
			27000pF	±5%	GRM2165C1H273JA01#
			33000pF	±5%	GRM2165C1H333JA01#
			0.7mm	100Vdc	COG
1200pF	±5%	GRM2165C2A122JA01#			
1500pF	±5%	GRM2165C2A152JA01#			
1800pF	±5%	GRM2165C2A182JA01#			
2200pF	±5%	GRM2165C2A222JA01#			
2700pF	±5%	GRM2165C2A272JA01#			
3300pF	±5%	GRM2165C2A332JA01#			
3900pF	±5%	GRM2165C2A392JA01#			
4700pF	±5%	GRM2165C2A472JA01#			

Part number # indicates the package specification code.

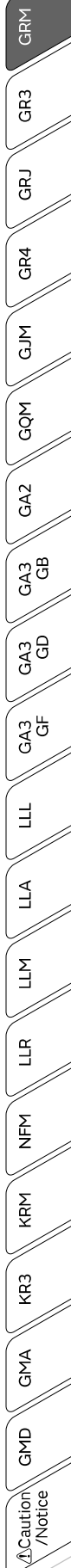


GRM Series Temperature Compensating Type Part Number List

(→ 2.0×1.25mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number			
0.7mm	100Vdc	CH	1000pF	±5%	GRM2162C2A102JA01#			
			1200pF	±5%	GRM2162C2A122JA01#			
			1500pF	±5%	GRM2162C2A152JA01#			
			1800pF	±5%	GRM2162C2A182JA01#			
			2200pF	±5%	GRM2162C2A222JA01#			
			2700pF	±5%	GRM2162C2A272JA01#			
			3300pF	±5%	GRM2162C2A332JA01#			
			3900pF	±5%	GRM2162C2A392JA01#			
			4700pF	±5%	GRM2162C2A472JA01#			
			50Vdc	COG	2700pF	±5%	GRM2165C1H272JA01#	
	3300pF	±5%			GRM2165C1H332JA01#			
	3900pF	±5%			GRM2165C1H392JA01#			
	4700pF	±5%			GRM2165C1H472JA01#			
	CH	2700pF		±5%	GRM2162C1H272JA01#			
		3300pF		±5%	GRM2162C1H332JA01#			
		3900pF		±5%	GRM2162C1H392JA01#			
		4700pF		±5%	GRM2162C1H472JA01#			
		0.95mm		100Vdc	COG	5600pF	±5%	GRM2195C2A562JA01#
						6800pF	±5%	GRM2195C2A682JA01#
	8200pF		±5%			GRM2195C2A822JA01#		
10000pF	±5%		GRM2195C2A103JA01#					
15000pF	±5%		GRM2195C2A153JA01#					
CH	5600pF		±5%	GRM2192C2A562JA01#				
	6800pF		±5%	GRM2192C2A682JA01#				
	8200pF		±5%	GRM2192C2A822JA01#				
	10000pF		±5%	GRM2192C2A103JA01#				
	15000pF		±5%	GRM2192C2A153JA01#				
50Vdc	COG	5600pF	±5%	GRM2195C1H562JA01#				
		6800pF	±5%	GRM2195C1H682JA01#				
		8200pF	±5%	GRM2195C1H822JA01#				
		10000pF	±5%	GRM2195C1H103JA01#				
		12000pF	±5%	GRM2195C1H123JA01#				
	15000pF	±5%	GRM2195C1H153JA01#					
	CH	5600pF	±5%	GRM2192C1H562JA01#				
		6800pF	±5%	GRM2192C1H682JA01#				
		8200pF	±5%	GRM2192C1H822JA01#				
		10000pF	±5%	GRM2192C1H103JA01#				
12000pF		±5%	GRM2192C1H123JA01#					
10Vdc	U2J	56000pF	±5%	GRM2197U1A563JA01#				
	UJ	56000pF	±5%	GRM2193U1A563JA01#				
1.0mm	630Vdc	COG	10pF	±5%	GRM21A5C2J100JWA1#			
			15pF	±5%	GRM21A5C2J150JWA1#			
			22pF	±5%	GRM21A5C2J220JWA1#			
			33pF	±5%	GRM21A5C2J330JWA1#			
			47pF	±5%	GRM21A5C2J470JWA1#			
			68pF	±5%	GRM21A5C2J680JWA1#			
			100pF	±5%	GRM21A5C2J101JWA1#			
			150pF	±5%	GRM21A5C2J151JWA1#			
			220pF	±5%	GRM21A5C2J221JWA1#			
			330pF	±5%	GRM21A5C2J331JWA1#			
			470pF	±5%	GRM21A5C2J471JWA1#			
			250Vdc	COG	10pF	±5%	GRM21A5C2E100JW01#	
					15pF	±5%	GRM21A5C2E150JW01#	

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
1.0mm	250Vdc	COG	22pF	±5%	GRM21A5C2E220JW01#		
			33pF	±5%	GRM21A5C2E330JW01#		
			47pF	±5%	GRM21A5C2E470JW01#		
			68pF	±5%	GRM21A5C2E680JW01#		
			100pF	±5%	GRM21A5C2E101JW01#		
			150pF	±5%	GRM21A5C2E151JW01#		
			220pF	±5%	GRM21A5C2E221JW01#		
			330pF	±5%	GRM21A5C2E331JW01#		
			470pF	±5%	GRM21A5C2E471JWA1#		
			680pF	±5%	GRM21A5C2E681JWA1#		
			1000pF	±5%	GRM21A5C2E102JWA1#		
			1500pF	±5%	GRM21A5C2E152JWA1#		
			2200pF	±5%	GRM21A5C2E222JWA1#		
			200Vdc	COG	10pF	±5%	GRM21A5C2D100JW01#
					15pF	±5%	GRM21A5C2D150JW01#
					22pF	±5%	GRM21A5C2D220JW01#
					33pF	±5%	GRM21A5C2D330JW01#
					47pF	±5%	GRM21A5C2D470JW01#
					68pF	±5%	GRM21A5C2D680JW01#
					100pF	±5%	GRM21A5C2D101JW01#
	150pF	±5%			GRM21A5C2D151JW01#		
	220pF	±5%			GRM21A5C2D221JW01#		
	330pF	±5%			GRM21A5C2D331JW01#		
	U2J	100pF		±5%	GRM21A7U2D101JW31#		
		150pF		±5%	GRM21A7U2D151JW31#		
		220pF		±5%	GRM21A7U2D221JW31#		
		330pF		±5%	GRM21A7U2E331JW31#		
		470pF		±5%	GRM21A7U2E471JW31#		
		680pF		±5%	GRM21A7U2E681JW31#		
		1000pF		±5%	GRM21A7U2E102JW31#		
		1500pF		±5%	GRM21A7U2E152JW31#		
		2200pF		±5%	GRM21A7U2E222JW31#		
		U2J		100pF	±5%	GRM21A7U2D101JW31#	
	150pF		±5%	GRM21A7U2D151JW31#			
	220pF		±5%	GRM21A7U2D221JW31#			
	330pF		±5%	GRM21A7U2D331JW31#			
	470pF		±5%	GRM21A7U2D471JW31#			
	680pF		±5%	GRM21A7U2D681JW31#			
	1000pF		±5%	GRM21A7U2D102JW31#			
	1500pF		±5%	GRM21A7U2D152JW31#			
2200pF	±5%		GRM21A7U2D222JW31#				
1.35mm	100Vdc		COG	22000pF	±5%	GRM21B5C2A223JA01#	
		CH		22000pF	±5%	GRM21B2C2A223JA01#	
		50Vdc		COG	18000pF	±5%	GRM21B5C1H183JA01#
					22000pF	±5%	GRM21B5C1H223JA01#
		CH		18000pF	±5%	GRM21B2C1H183JA01#	
	22000pF		±5%	GRM21B2C1H223JA01#			
	10Vdc	U2J	39000pF	±5%	GRM21B7U1H393JA01#		
			47000pF	±5%	GRM21B7U1H473JA01#		
			UJ	39000pF	±5%	GRM21B3U1H393JA01#	
				47000pF	±5%	GRM21B3U1H473JA01#	
U2J			68000pF	±5%	GRM21B7U1A683JA01#		
82000pF	±5%	GRM21B7U1A823JA01#					
0.10μF	±5%	GRM21B7U1A104JA01#					



Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 2.0×1.25mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
1.35mm	10Vdc	UJ	68000pF	±5%	GRM21B3U1A683JA01#		
			82000pF	±5%	GRM21B3U1A823JA01#		
			0.10μF	±5%	GRM21B3U1A104JA01#		
1.45mm	630Vdc	COG	680pF	±5%	GRM21B5C2J681JWA3#		
			1000pF	±5%	GRM21B5C2J102JWA3#		
			1500pF	±5%	GRM21B5C2J152JWAA#		
			2200pF	±5%	GRM21B5C2J222JWAA#		
			250Vdc	COG	3300pF	±5%	GRM21B5C2E332JWA1#
					4700pF	±5%	GRM21B5C2E472JWA1#
	6800pF	±5%			GRM21B5C2E682JWAA#		
	10000pF	±5%			GRM21B5C2E103JWAA#		
	U2J	COG			3300pF	±5%	GRM21B7U2E332JW32#
					4700pF	±5%	GRM21B7U2E472JW32#
	200Vdc	U2J	COG	3300pF	±5%	GRM21B7U2D332JW32#	
				4700pF	±5%	GRM21B7U2D472JW32#	

3.2×1.6mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.95mm	100Vdc	COG	4700pF	±5%	GRM3195C2A472JA01#		
			5600pF	±5%	GRM3195C2A562JA01#		
			6800pF	±5%	GRM3195C2A682JA01#		
			8200pF	±5%	GRM3195C2A822JA01#		
			10000pF	±5%	GRM3195C2A103JA01#		
			12000pF	±5%	GRM3195C2A123JA01#		
			15000pF	±5%	GRM3195C2A153JA01#		
			18000pF	±5%	GRM3195C2A183JA01#		
			22000pF	±5%	GRM3195C2A223JA01#		
			27000pF	±5%	GRM3195C2A273JA01#		
			33000pF	±5%	GRM3195C2A333JA01#		
			39000pF	±5%	GRM3195C2A393JA01#		
			CH	COG	5600pF	±5%	GRM3192C2A562JA01#
					6800pF	±5%	GRM3192C2A682JA01#
					8200pF	±5%	GRM3192C2A822JA01#
					10000pF	±5%	GRM3192C2A103JA01#
					12000pF	±5%	GRM3192C2A123JA01#
					15000pF	±5%	GRM3192C2A153JA01#
					18000pF	±5%	GRM3192C2A183JA01#
					22000pF	±5%	GRM3192C2A223JA01#
					27000pF	±5%	GRM3192C2A273JA01#
		33000pF			±5%	GRM3192C2A333JA01#	
		50Vdc	COG	12000pF	±5%	GRM3195C1H123JA01#	
				15000pF	±5%	GRM3195C1H153JA01#	
				18000pF	±5%	GRM3195C1H183JA01#	
				22000pF	±5%	GRM3195C1H223JA01#	
				27000pF	±5%	GRM3195C1H273JA01#	
				33000pF	±5%	GRM3195C1H333JA01#	
				39000pF	±5%	GRM3195C1H393JA01#	
				47000pF	±5%	GRM3195C1H473JA05#	
				56000pF	±5%	GRM3195C1H563JA05#	
				68000pF	±5%	GRM3195C1H683JA05#	
				82000pF	±5%	GRM3195C1H823JA05#	

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.95mm	50Vdc	COG	0.10μF	±5%	GRM3195C1H104JA05#		
			CH	12000pF	±5%	GRM3192C1H123JA01#	
				15000pF	±5%	GRM3192C1H153JA01#	
				18000pF	±5%	GRM3192C1H183JA01#	
				22000pF	±5%	GRM3192C1H223JA01#	
				27000pF	±5%	GRM3192C1H273JA01#	
		33000pF		±5%	GRM3192C1H333JA01#		
		1.0mm	2000Vdc	U2J	10pF	±5%	GRM31A7U3D100JW31#
					15pF	±5%	GRM31A7U3D150JW31#
					22pF	±5%	GRM31A7U3D220JW31#
					33pF	±5%	GRM31A7U3D330JW31#
					47pF	±5%	GRM31A7U3D470JW31#
68pF	±5%				GRM31A7U3D680JW31#		
1000Vdc	COG				10pF	±5%	GRM31A5C3A100JW01#
					15pF	±5%	GRM31A5C3A150JW01#
					22pF	±5%	GRM31A5C3A220JW01#
					33pF	±5%	GRM31A5C3A330JW01#
					47pF	±5%	GRM31A5C3A470JW01#
					68pF	±5%	GRM31A5C3A680JW01#
			630Vdc	COG	10pF	±5%	GRM31A7U3A100JW01#
					15pF	±5%	GRM31A7U3A150JW01#
					22pF	±5%	GRM31A7U3A220JW01#
					33pF	±5%	GRM31A7U3A330JW01#
					47pF	±5%	GRM31A7U3A470JW01#
					68pF	±5%	GRM31A7U3A680JW01#
U2J	COG				10pF	±5%	GRM31A7U3A100JW31#
					15pF	±5%	GRM31A7U3A150JW31#
					22pF	±5%	GRM31A7U3A220JW31#
					33pF	±5%	GRM31A7U3A330JW31#
					47pF	±5%	GRM31A7U3A470JW31#
					68pF	±5%	GRM31A7U3A680JW31#
		U2J	COG	10pF	±5%	GRM31A7U2J100JW01#	
				15pF	±5%	GRM31A7U2J150JW01#	
				22pF	±5%	GRM31A7U2J220JW01#	
				33pF	±5%	GRM31A7U2J330JW01#	
				47pF	±5%	GRM31A7U2J470JW01#	
				68pF	±5%	GRM31A7U2J680JW01#	
U2J	COG			10pF	±5%	GRM31A7U2J100JW31#	
				15pF	±5%	GRM31A7U2J150JW31#	
				22pF	±5%	GRM31A7U2J220JW31#	
				33pF	±5%	GRM31A7U2J330JW31#	
				47pF	±5%	GRM31A7U2J470JW31#	
				68pF	±5%	GRM31A7U2J680JW31#	
		U2J	COG	10pF	±5%	GRM31A7U2J101JW01#	
				15pF	±5%	GRM31A7U2J151JW01#	
				22pF	±5%	GRM31A7U2J221JW01#	
				33pF	±5%	GRM31A7U2J331JW01#	
				47pF	±5%	GRM31A7U2J471JW01#	
				1500pF	±5%	GRM31A5C2J152JWA1#	



GRM Series Temperature Compensating Type Part Number List

(→ 3.2×1.6mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
1.0mm	630Vdc	U2J	150pF	±5%	GRM31A7U2J151JW31#		
			220pF	±5%	GRM31A7U2J221JW31#		
			330pF	±5%	GRM31A7U2J331JW31#		
			470pF	±5%	GRM31A7U2J471JW31#		
			680pF	±5%	GRM31A7U2J681JW31#		
			1000pF	±5%	GRM31A7U2J102JW31#		
			1500pF	±5%	GRM31A7U2J152JW31#		
			2200pF	±5%	GRM31A7U2J222JW31#		
			500Vdc	COG	10pF	±5%	GRM31A5C2H100JW01#
					15pF	±5%	GRM31A5C2H150JW01#
	22pF	±5%			GRM31A5C2H220JW01#		
	33pF	±5%			GRM31A5C2H330JW01#		
	47pF	±5%			GRM31A5C2H470JW01#		
	68pF	±5%			GRM31A5C2H680JW01#		
	100pF	±5%			GRM31A5C2H101JW01#		
	150pF	±5%			GRM31A5C2H151JW01#		
	220pF	±5%			GRM31A5C2H221JW01#		
	330pF	±5%			GRM31A5C2H331JW01#		
	470pF	±5%		GRM31A5C2H471JW01#			
	U2J	10pF		±5%	GRM31A7U2H100JW31#		
		15pF		±5%	GRM31A7U2H150JW31#		
		22pF		±5%	GRM31A7U2H220JW31#		
		33pF		±5%	GRM31A7U2H330JW31#		
		47pF		±5%	GRM31A7U2H470JW31#		
		68pF		±5%	GRM31A7U2H680JW31#		
		100pF		±5%	GRM31A7U2H101JW31#		
		150pF	±5%	GRM31A7U2H151JW31#			
	1.25mm	1000Vdc	COG	680pF	±5%	GRM31B5C3A681JWA1#	
470pF				±5%	GRM31B7U3A471JW31#		
680pF			±5%	GRM31B7U3A681JW31#			
630Vdc		COG	680pF	±5%	GRM31B5C2J681JW01#		
			1000pF	±5%	GRM31B5C2J102JW01#		
			2200pF	±5%	GRM31B5C2J222JWA1#		
500Vdc		COG	680pF	±5%	GRM31B5C2H681JW01#		
			1000pF	±5%	GRM31B5C2H102JW01#		
250Vdc		U2J	3300pF	±5%	GRM31B7U2J332JW31#		
			6800pF	±5%	GRM31B7U2E682JW31#		
200Vdc	U2J	10000pF	±5%	GRM31B7U2E103JW31#			
		6800pF	±5%	GRM31B7U2D682JW31#			
100Vdc	COG	47000pF	±5%	GRM31M5C2A473JA01#			
		56000pF	±5%	GRM31M5C2A563JA01# D1			
50Vdc	CH	47000pF	±5%	GRM31M2C2A473JA01#			
		56000pF	±5%	GRM31M2C2A563JA01# D1			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
1.25mm	50Vdc	CH	47000pF	±5%	GRM31M2C1H473JA01#		
			56000pF	±5%	GRM31M2C1H563JA01#		
			U2J	68000pF	±5%	GRM31M7U1H683JA01#	
				82000pF	±5%	GRM31M7U1H823JA01#	
			UJ	0.10μF	±5%	GRM31M7U1H104JA01#	
		68000pF		±5%	GRM31M3U1H683JA01#		
		82000pF		±5%	GRM31M3U1H823JA01#		
		1.8mm	1000Vdc	COG	1000pF	±5%	GRM31C5C3A102JWA3#
					U2J	1000pF	±5%
				630Vdc	COG	3300pF	±5%
4700pF	±5%					GRM31C5C2J472JWA3#	
6800pF	±5%					GRM31C5C2J682JWA3#	
500Vdc	U2J		4700pF	±5%	GRM31C7U2J472JW32#		
			4700pF	±5%	GRM31C7U2H472JW32#		
250Vdc	COG		15000pF	±5%	GRM31C5C2E153JWA3#		
			22000pF	±5%	GRM31C5C2E223JWA3#		
50Vdc	100Vdc		COG	68000pF	±5%	GRM31C5C2A683JA01# D1	
		82000pF		±5%	GRM31C5C2A823JA01# D1		
		0.10μF		±5%	GRM31C5C2A104JA01# D1		
		CH	68000pF	±5%	GRM31C2C2A683JA01# D1		
			82000pF	±5%	GRM31C2C2A823JA01# D1		
	50Vdc	COG	0.10μF	±5%	GRM31C2C2A104JA01# D1		
			68000pF	±5%	GRM31C5C1H683JA01#		
			82000pF	±5%	GRM31C5C1H823JA01#		
			0.10μF	±5%	GRM31C5C1H104JA01#		
			0.15μF	±2%	GRM31C5C1H154GE02# D1		
50Vdc	COG	±5%	GRM31C5C1H154JE02# D1				
		±2%	GRM31C5C1H224GE02# D1				
		±5%	GRM31C5C1H224JE02# D1				
		68000pF	±5%	GRM31C2C1H683JA01#			
		82000pF	±5%	GRM31C2C1H823JA01#			
2.7mm	630Vdc	U2J	15000pF	±5%	GRM32E7U2J153JW32#		

3.2×2.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
1.0mm	2000Vdc	U2J	100pF	±5%	GRM32A7U3D101JW31#	
			150pF	±5%	GRM32A7U3D151JW31#	
		630Vdc	U2J	1500pF	±5%	GRM32A7U2J152JW31#
				2200pF	±5%	GRM32A7U2J222JW31#
				1500pF	±5%	GRM32A7U2H152JW31#
	500Vdc	U2J	2200pF	±5%	GRM32A7U2H222JW31#	
			2200pF	±5%	GRM32A7U2H152JW31#	
	1.25mm	2000Vdc	U2J	220pF	±5%	GRM32B7U3D221JW31#
				1500pF	±5%	GRM32Q7U3A221JW31#
	1.5mm	630Vdc	U2J	6800pF	±5%	GRM32Q7U2J682JW31#
6800pF				±5%	GRM32Q7U2H682JW31#	
6800pF				±5%	GRM32Q7U2H152JW31#	
2.0mm	1000Vdc	U2J	2200pF	±5%	GRM32D7U3A222JW31#	
			10000pF	±5%	GRM32D7U2J103JW31#	
			10000pF	±5%	GRM32D7U2H103JW31#	
2.7mm	630Vdc	U2J	15000pF	±5%	GRM32E7U2J153JW32#	

Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

4.5×2.0mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.0mm	3150Vdc	U2J	10pF	±5%	GRM42A7U3F100JW31#
			15pF	±5%	GRM42A7U3F150JW31#
			22pF	±5%	GRM42A7U3F220JW31#
			33pF	±5%	GRM42A7U3F330JW31#
			47pF	±5%	GRM42A7U3F470JW31#
			68pF	±5%	GRM42A7U3F680JW31#
			100pF	±5%	GRM42A7U3F101JW31#

4.5×3.2mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.5mm	1000Vdc	U2J	3300pF	±5%	GRM43Q7U3A332JW31#
2.0mm	1000Vdc	U2J	4700pF	±5%	GRM43D7U3A472JW31#
			15000pF	±5%	GRM43D7U2J153JW31#
	630Vdc	U2J	22000pF	±5%	GRM43D7U2J223JW31#
			15000pF	±5%	GRM43D7U2H153JW31#
500Vdc	U2J	22000pF	±5%	GRM43D7U2H223JW31#	

5.7×5.0mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.5mm	1000Vdc	U2J	6800pF	±5%	GRM55Q7U3A682JW31#
2.0mm	1000Vdc	U2J	10000pF	±5%	GRM55D7U3A103JW31#
			33000pF	±5%	GRM55D7U2J333JW31#
	630Vdc	U2J	47000pF	±5%	GRM55D7U2J473JW31#
			33000pF	±5%	GRM55D7U2H333JW31#
500Vdc	U2J	47000pF	±5%	GRM55D7U2H473JW31#	

GRM

GR3

GRJ

GR4

GJM

GQM

GA2

GA3 GB

GA3 GD

GA3 GF

LLL

LLA

LLM

LLR

NFM

KRM

KR3

GMA

GMD

△Caution /Notice

GRM Series High Dielectric Constant Type Part Number List

0.25×0.125mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.138mm	10Vdc	X5R	100pF	±10%	GRM011R61A101KE01#
				±20%	GRM011R61A101ME01#
			220pF	±10%	GRM011R61A221KE01#
				±20%	GRM011R61A221ME01#
			470pF	±10%	GRM011R61A471KE01#
				±20%	GRM011R61A471ME01#
	6.3Vdc	X5R	1000pF	±10%	GRM011R60J102KE01#
				±10%	GRM011R60J152KE01#
			2200pF	±10%	GRM011R60J222KE01#
				±10%	GRM011R60J332KE01#
			4700pF	±10%	GRM011R60J472KE01#
				±10%	GRM011R60J682KE01#
	±10%	GRM011R60J103KE01#			

0.4×0.2mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.22mm	16Vdc	X7R	100pF	±10%	GRM022R71C101KE14#	
				±20%	GRM022R71C101ME14#	
			150pF	±10%	GRM022R71C151KE14#	
				±20%	GRM022R71C151ME14#	
			220pF	±10%	GRM022R71C221KE14#	
				±20%	GRM022R71C221ME14#	
			330pF	±10%	GRM022R71C331KE14#	
				±20%	GRM022R71C331ME14#	
			470pF	±10%	GRM022R71C471KE14#	
				±20%	GRM022R71C471ME14#	
			1000pF	±10%	GRM022R71C102KE14#	
				±20%	GRM022R71C102ME14#	
		X5R	1000pF	±10%	GRM022R61C102KE01#	
				±20%	GRM022R61C102ME01#	
			2200pF	±10%	GRM022R61C222KE01#	
				±20%	GRM022R61C222ME01#	
			4700pF	±10%	GRM022R61C472KE01#	
				±20%	GRM022R61C472ME01#	
		10000pF	±10%	GRM022R61C103KE01#		
			±20%	GRM022R61C103ME01#		
		10Vdc	X7R	100pF	±10%	GRM022R71A101KA01#
					±20%	GRM022R71A101MA01#
				150pF	±10%	GRM022R71A151KA01#
					±20%	GRM022R71A151MA01#
	220pF			±10%	GRM022R71A221KA01#	
				±20%	GRM022R71A221MA01#	
	330pF			±10%	GRM022R71A331KA01#	
				±20%	GRM022R71A331MA01#	
	470pF			±10%	GRM022R71A471KA01#	
				±20%	GRM022R71A471MA01#	
	680pF			±10%	GRM022R71A681KA12#	
				±20%	GRM022R71A681MA12#	
	820pF		±10%	GRM022R71A821KA12#		
			±20%	GRM022R71A821MA12#		

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	10Vdc	X7R	1000pF	±10%	GRM022R71A102KA12#
				±20%	GRM022R71A102MA12#
			100pF	±10%	GRM022R61A101KA01#
				±20%	GRM022R61A101MA01#
			150pF	±10%	GRM022R61A151KA01#
				±20%	GRM022R61A151MA01#
			220pF	±10%	GRM022R61A221KA01#
				±20%	GRM022R61A221MA01#
			330pF	±10%	GRM022R61A331KA01#
				±20%	GRM022R61A331MA01#
			470pF	±10%	GRM022R61A471KA01#
				±20%	GRM022R61A471MA01#
		680pF	±10%	GRM022R61A681KE19#	
			±20%	GRM022R61A681ME19#	
		1000pF	±10%	GRM022R61A102KE19#	
			±20%	GRM022R61A102ME19#	
		1500pF	±10%	GRM022R61A152KE19#	
			±20%	GRM022R61A152ME19#	
		2200pF	±10%	GRM022R61A222KE19#	
			±20%	GRM022R61A222ME19#	
		3300pF	±10%	GRM022R61A332KE19#	
			±20%	GRM022R61A332ME19#	
		4700pF	±10%	GRM022R61A472KE19#	
			±20%	GRM022R61A472ME19#	
		6800pF	±10%	GRM022R61A682KE19#	
			±20%	GRM022R61A682ME19#	
		10000pF	±10%	GRM022R61A103KE19#	
			±20%	GRM022R61A103ME19#	
		B	100pF	±10%	GRM022B11A101KA01#
					GRM022B11A101MA01#
				±10%	GRM022B11A151KA01#
					GRM022B11A151MA01#
				±10%	GRM022B11A221KA01#
					GRM022B11A221MA01#
				±10%	GRM022B11A331KA01#
					GRM022B11A331MA01#
				±10%	GRM022B11A471KA01#
					GRM022B11A471MA01#
				±10%	GRM022B31A681KE19#
					GRM022B31A681ME19#
			±10%	GRM022B31A102KE19#	
				GRM022B31A102ME19#	
			±10%	GRM022B31A152KE19#	
				GRM022B31A152ME19#	
			±10%	GRM022B31A222KE19#	
				GRM022B31A222ME19#	
			±10%	GRM022B31A332KE19#	
				GRM022B31A332ME19#	
±10%	GRM022B31A472KE19#				
	GRM022B31A472ME19#				
±10%	GRM022B31A682KE19#				
	GRM022B31A682ME19#				
±10%	GRM022B31A103KE19#				
	GRM022B31A103ME19#				



Part number # indicates the package specification code.

GRM Series High Dielectric Constant Type Part Number List

(→ 0.4×0.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.22mm	6.3Vdc	X5R	1000pF	±20%	GRM022R60J102ME19#		
			1500pF	±20%	GRM022R60J152ME19#		
			2200pF	±20%	GRM022R60J222ME19#		
			3300pF	±20%	GRM022R60J332ME19#		
			4700pF	±20%	GRM022R60J472ME19#		
			6800pF	±20%	GRM022R60J682ME19#		
			10000pF	±20%	GRM022R60J103ME19#		
			15000pF	±20%	GRM022R60J153ME15#	D1	
			22000pF	±10%	GRM022R60J223KE15#	D1	
				±20%	GRM022R60J223ME15#	D1	
			33000pF	±20%	GRM022R60J333ME15#	D1	
			47000pF	±20%	GRM022R60J473ME15#	D1	
		68000pF	±20%	GRM022R60J683ME15#	D1		
		0.10μF	±20%	GRM022R60J104ME15#	D1		
			B	1000pF	±20%	GRM022B30J102ME19#	
		1500pF		±20%	GRM022B30J152ME19#		
		2200pF		±20%	GRM022B30J222ME19#		
		3300pF		±20%	GRM022B30J332ME19#		
	4700pF	±20%		GRM022B30J472ME19#			
	6800pF	±20%		GRM022B30J682ME19#			
	10000pF	±20%		GRM022B30J103ME19#			
	4Vdc	X6T		0.10μF	±20%	GRM022D80G104ME15#	D1
		X5R		15000pF	±10%	GRM022R60G153KE15#	
					±20%	GRM022R60G153ME15#	
			22000pF	±10%	GRM022R60G223KE15#		
				±20%	GRM022R60G223ME15#		
			33000pF	±10%	GRM022R60G333KE15#		
		±20%	GRM022R60G333ME15#				
			47000pF	±10%	GRM022R60G473KE15#		
			±20%	GRM022R60G473ME15#			
			68000pF	±20%	GRM022R60G683ME15#		
			0.10μF	±20%	GRM022R60G104ME15#		
	0.25mm	2.5Vdc	X6T	0.10μF	±20%	GRM022D80E104ME15#	
4Vdc		X6T	0.47μF	±20%	GRM022D80G474ME01#	D1	
		X7T	0.47μF	±20%	GRM022D70E474ME01#	D1	
	2.5Vdc	X6T	0.47μF	±20%	GRM022D80E474ME01#		

0.6×0.3mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	50Vdc	X7R	100pF	±10%	GRM033R71H101KA12#
				±20%	GRM033R71H101MA12#
			150pF	±10%	GRM033R71H151KA12#
				±20%	GRM033R71H151MA12#
			220pF	±10%	GRM033R71H221KA12#
				±20%	GRM033R71H221MA12#
			330pF	±10%	GRM033R71H331KA12#
				±20%	GRM033R71H331MA12#
			470pF	±10%	GRM033R71H471KA12#
				±20%	GRM033R71H471MA12#
			680pF	±10%	GRM033R71H681KA12#
				±20%	GRM033R71H681MA12#
			1000pF	±10%	GRM033R71H102KA12#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.33mm	50Vdc	X7R	1000pF	±20%	GRM033R71H102MA12#		
				±10%	GRM033R71H152KA12#		
			1500pF	±20%	GRM033R71H152MA12#		
				±10%	GRM033R71H152KA12#		
			470pF	±10%	GRM033R61H471KA12#		
				±20%	GRM033R61H471MA12#		
		B	100pF	±10%	GRM033B31H101KA12#		
				±20%	GRM033B31H101MA12#		
			150pF	±10%	GRM033B31H151KA12#		
				±20%	GRM033B31H151MA12#		
			220pF	±10%	GRM033B31H221KA12#		
				±20%	GRM033B31H221MA12#		
		330pF	±10%	GRM033B31H331KA12#			
			±20%	GRM033B31H331MA12#			
		470pF	±10%	GRM033B31H471KA12#			
			±20%	GRM033B31H471MA12#			
		680pF	±10%	GRM033B31H681KA12#			
			±20%	GRM033B31H681MA12#			
		1000pF	±10%	GRM033B31H102KA12#			
			±20%	GRM033B31H102MA12#			
		1500pF	±10%	GRM033B31H152KA12#			
			±20%	GRM033B31H152MA12#			
		35Vdc	X5R	0.10μF	±10%	GRM033R6YA104KE14#	D1
					±20%	GRM033R6YA104ME14#	D1
	X7R		1000pF	±10%	GRM033R71E102KA01#		
				±20%	GRM033R71E102MA01#		
			1500pF	±10%	GRM033R71E152KA01#		
				±20%	GRM033R71E152MA01#		
	2200pF	±10%	GRM033R71E222KA01#				
		±20%	GRM033R71E222MA01#				
	3300pF	±10%	GRM033R71E332KA01#				
		±20%	GRM033R71E332MA01#				
	4700pF	±10%	GRM033R71E472KA01#	D1			
		±20%	GRM033R71E472MA01#	D1			
	6800pF	±10%	GRM033R71E682KA01#	D1			
		±20%	GRM033R71E682MA01#	D1			
	10000pF	±10%	GRM033R71E103KA01#	D1			
		±20%	GRM033R71E103MA01#	D1			
	25Vdc	R	100pF	±10%	GRM033R11E101KA01#		
				±20%	GRM033R11E101MA01#		
			150pF	±10%	GRM033R11E151KA01#		
				±20%	GRM033R11E151MA01#		
			220pF	±10%	GRM033R11E221KA01#		
				±20%	GRM033R11E221MA01#		
			330pF	±10%	GRM033R11E331KA01#		
				±20%	GRM033R11E331MA01#		
			470pF	±10%	GRM033R11E471KA01#		
				±20%	GRM033R11E471MA01#		
			680pF	±10%	GRM033R11E681KA01#		
				±20%	GRM033R11E681MA01#		
		1000pF	±10%	GRM033R11E102KA01#			
			±20%	GRM033R11E102MA01#			
		1500pF	±10%	GRM033R11E152KA01#			
			±20%	GRM033R11E152MA01#			
X6S		0.10μF	±10%	GRM033C81E104KE14#	D1		
			±20%	GRM033C81E104ME14#	D1		
	4700pF	±10%	GRM033R61E472KA12#	D1			
		±20%	GRM033R61E472MA12#	D1			
	6800pF	±10%	GRM033R61E682KA12#	D1			
		±20%	GRM033R61E682MA12#	D1			
10000pF	±10%	GRM033R61E103KA12#	D1				
	±20%	GRM033R61E103MA12#	D1				
X5R	0.10μF	±10%	GRM033R61E104KE14#	D1			
		±20%	GRM033R61E104ME14#	D1			
	0.22μF	±10%	GRM033R61E224KE01#	D1			
		±20%	GRM033R61E224ME01#	D1			



Part number # indicates the package specification code.

GRM Series High Dielectric Constant Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number			
0.33mm	25Vdc	B	1000pF	±10%	GRM033B11E102KA01#			
				±20%	GRM033B11E102MA01#			
			1500pF	±10%	GRM033B11E152KA01#			
				±20%	GRM033B11E152MA01#			
			2200pF	±10%	GRM033B31E222KA12#			
				±20%	GRM033B31E222MA12#			
			3300pF	±10%	GRM033B31E332KA12#			
				±20%	GRM033B31E332MA12#			
			10000pF	±10%	GRM033B31E103KA12#	D1		
				±20%	GRM033B31E103MA12#	D1		
			16Vdc	X7R	2200pF	±10%	GRM033R71C222KA88#	
						±20%	GRM033R71C222MA88#	
					3300pF	±10%	GRM033R71C332KA88#	
						±20%	GRM033R71C332MA88#	
					4700pF	±10%	GRM033R71C472KE14#	
						±20%	GRM033R71C472ME14#	
				6800pF	±10%	GRM033R71C682KE14#		
					±20%	GRM033R71C682MA14#		
	10000pF	±10%		GRM033R71C103KE14#				
		±20%		GRM033R71C103MA14#				
	X7S	0.10μF		±10%	GRM033C71C104KE14#	D1		
				±20%	GRM033C71C104ME14#	D1		
	R	2200pF		±10%	GRM033R11C222KA88#			
				±20%	GRM033R11C222MA88#			
	3300pF	±10%		GRM033R11C332KA88#				
				±20%	GRM033R11C332MA88#			
	X6S	0.10μF		±10%	GRM033C81C104KE14#			
				±20%	GRM033C81C104ME14#			
	X5R	10000pF	±10%	GRM033R61C103KA12#				
			±20%	GRM033R61C103MA12#				
		15000pF	±10%	GRM033R61C153KE84#	D1			
			±20%	GRM033R61C153ME84#	D1			
		22000pF	±10%	GRM033R61C223KE84#	D1			
			±20%	GRM033R61C223ME84#	D1			
		33000pF	±10%	GRM033R61C333KE84#	D1			
			±20%	GRM033R61C333ME84#	D1			
		47000pF	±10%	GRM033R61C473KE84#	D1			
			±20%	GRM033R61C473ME84#	D1			
		68000pF	±10%	GRM033R61C683KE84#	D1			
			±20%	GRM033R61C683ME84#	D1			
		0.10μF	±10%	GRM033R61C104KE14#				
			±20%	GRM033R61C104ME14#				
0.22μF		±10%	GRM033R61C224KE14#					
		±20%	GRM033R61C224ME14#					
B		2200pF	±10%	GRM033B31C222KA87#				
			±20%	GRM033B31C222MA87#				
	3300pF	±10%	GRM033B31C332KA87#					
		±20%	GRM033B31C332MA87#					
	10000pF	±10%	GRM033B31C103KA12#					
		±20%	GRM033B31C103MA12#					
	15000pF	±10%	GRM033B31C153KE84#	D1				
		±20%	GRM033B31C153ME84#	D1				
	22000pF	±10%	GRM033B31C223KE84#	D1				
		±20%	GRM033B31C223ME84#	D1				
	33000pF	±10%	GRM033B31C333KE84#	D1				
		±20%	GRM033B31C333ME84#	D1				
	47000pF	±10%	GRM033B31C473KE84#	D1				
		±20%	GRM033B31C473ME84#	D1				
	68000pF	±10%	GRM033B31C683KE84#	D1				
		±20%	GRM033B31C683ME84#	D1				

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number			
0.33mm	16Vdc	B	6800pF	±20%	GRM033B31C683ME84#	D1		
				±10%	GRM033B31C104KE84#	D1		
			0.10μF	±20%	GRM033B31C104ME84#	D1		
				±10%	GRM033B31C104ME84#			
			10Vdc	X7R	4700pF	±10%	GRM033R71A472KA01#	
						±20%	GRM033R71A472MA01#	
	6800pF	±10%			GRM033R71A682KA01#			
		±20%			GRM033R71A682MA01#			
	10000pF	±10%			GRM033R71A103KA01#			
		±20%			GRM033R71A103MA01#			
	X7S	0.10μF		±10%	GRM033C71A104KE14#			
				±20%	GRM033C71A104ME14#			
	R	4700pF		±10%	GRM033R11A472KA01#			
				±20%	GRM033R11A472MA01#			
		6800pF		±10%	GRM033R11A682KA01#			
				±20%	GRM033R11A682MA01#			
		10000pF		±10%	GRM033R11A103KA01#			
				±20%	GRM033R11A103MA01#			
	X5R	4700pF		±10%	GRM033R61A472KA01#			
				±20%	GRM033R61A472MA01#			
		6800pF		±10%	GRM033R61A682KA01#			
				±20%	GRM033R61A682MA01#			
		15000pF	±10%	GRM033R61A153KE84#				
			±20%	GRM033R61A153ME84#				
		22000pF	±10%	GRM033R61A223KE84#				
			±20%	GRM033R61A223ME84#				
		33000pF	±10%	GRM033R61A333KE84#				
			±20%	GRM033R61A333ME84#				
		47000pF	±10%	GRM033R61A473KE84#				
			±20%	GRM033R61A473ME84#				
		68000pF	±10%	GRM033R61A683KE84#				
			±20%	GRM033R61A683ME84#				
		0.10μF	±10%	GRM033R61A104KE84#				
			±20%	GRM033R61A104ME84#				
		0.22μF	±10%	GRM033R61A224ME90#	D1			
			±20%	GRM033R61A224ME90#				
	6.3Vdc	X7R	4700pF	±10%	GRM033R70J472KA01#			
				±20%	GRM033R70J472MA01#			
			6800pF	±10%	GRM033R70J682KA01#			
				±20%	GRM033R70J682MA01#			
			10000pF	±10%	GRM033R70J103KA01#			
				±20%	GRM033R70J103MA01#			
		R	4700pF	±10%	GRM033R10J472KA01#			
				±20%	GRM033R10J472MA01#			



Part number # indicates the package specification code.

GRM Series High Dielectric Constant Type Part Number List

(→ 0.6×0.3mm)

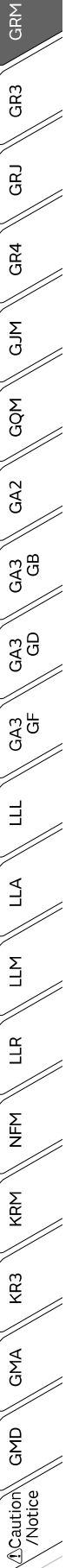
T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	6.3Vdc	R	6800pF	±10%	GRM033R10J682KA01#	
			10000pF	±10%	GRM033R10J103KA01#	
		X6S	15000pF	±10%	GRM033C80J153KE01#	
				±20%	GRM033C80J153ME01#	
			22000pF	±10%	GRM033C80J223KE01#	
				±20%	GRM033C80J223ME01#	
			33000pF	±10%	GRM033C80J333KE01#	
				±20%	GRM033C80J333ME01#	
		47000pF	±10%	GRM033C80J473KE19#		
			±20%	GRM033C80J473ME19#		
		68000pF	±10%	GRM033C80J683KE84#	D1	
			±20%	GRM033C80J683ME84#	D1	
	0.10μF	±10%	GRM033C80J104KE84#	D1		
		±20%	GRM033C80J104ME84#	D1		
	0.22μF	±20%	GRM033C80J224ME90#	D1		
	4Vdc	X6S	0.22μF	±20%	GRM033R60J224ME90#	
			4700pF	±10%	GRM033B10J472KA01#	
				±20%	GRM033B10J472ME01#	
			6800pF	±10%	GRM033B10J682KA01#	
				±20%	GRM033B10J682ME01#	
		15000pF	±10%	GRM033B10J153KE01#		
			±20%	GRM033B10J153ME01#		
		22000pF	±10%	GRM033B10J223KE01#		
±20%			GRM033B10J223ME01#			
33000pF		±10%	GRM033B10J333KE01#			
		±20%	GRM033B10J333ME01#			
0.39mm	10Vdc	X5R	1.0μF	±20%	GRM033R61A105ME15#	
	6.3Vdc	X7T	1.0μF	±20%	GRM033D70J105ME01#	D1
	4Vdc	X7T	1.0μF	±20%	GRM033D70G105ME01#	
	2.5Vdc	X7T	1.0μF	±20%	GRM033D70E105ME15#	

1.0×0.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.22mm	6.3Vdc	X5R	1.0μF	±20%	GRM152R60J105ME15#	D1
	4Vdc	X6T	1.0μF	±20%	GRM152D80G105ME15#	D1
		X5R	1.0μF	±20%	GRM152R60G105ME15#	
0.33mm	10Vdc	X5R	1.0μF	±20%	GRM153R61A105ME95#	D1
		B	1.0μF	±20%	GRM153B31A105ME95#	D1
	6.3Vdc	X6T	1.0μF	±20%	GRM153D80J105ME95#	D1
		X5R	1.0μF	±20%	GRM153R60J105ME95#	
		B	1.0μF	±20%	GRM153B30J105ME95#	
4Vdc	X6T	1.0μF	±20%	GRM153D80G105ME95#		
0.55mm	100Vdc	X7R	220pF	±10%	GRM155R72A221KA01#	
			470pF	±10%	GRM155R72A471KA01#	
			1000pF	±10%	GRM155R72A102KA01#	
		2200pF	±10%	GRM155R72A222KA01#		
		4700pF	±10%	GRM155R72A472KA01#		
		2200pF	±10%	GRM155R71H222KA01#		
	50Vdc	X7R	4700pF	±10%	GRM155R71H472KA01#	
			10000pF	±10%	GRM155R71H103KA88#	
			22000pF	±10%	GRM155R71H223KA12#	
		47000pF	±10%	GRM155R71H473KE14#		
			±20%	GRM155R71H473ME14#		

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.55mm	50Vdc	X7R	0.10μF	±10%	GRM155R71H104KE14#		
				±20%	GRM155R71H104ME14#		
			R	2200pF	±10%	GRM155R11H222KA01#	
				4700pF	±10%	GRM155R11H472KA01#	
			10000pF	±10%	GRM155R11H103KA88#		
		X5R	0.10μF	±10%	GRM155R61H104KE14#		
				±20%	GRM155R61H104ME14#		
		B	0.10μF	±10%	GRM155B31H104KE14#		
				±20%	GRM155B31H104ME14#		
		35Vdc	X6S	0.22μF	±10%	GRM155C8YA224KE01#	D1
					±20%	GRM155C8YA224ME01#	D1
	X7R		2200pF	±10%	GRM155R71E223KA61#		
				4700pF	±10%	GRM155R71E473KA88#	
			0.10μF	±10%	GRM155R71E104KE14#		
				±20%	GRM155R71E104ME14#		
	X5R	1.0μF	±10%	GRM155R61E105KA12#	D1		
			±20%	GRM155R61E105MA12#	D1		
	B	1.0μF	±10%	GRM155B31E105KA12#	D1		
			±20%	GRM155B31E105MA12#	D1		
	16Vdc	X7R	0.22μF	±10%	GRM155R71C224KA12#		
				±20%	GRM155R71C224ME12#		
		X5R	1.0μF	±10%	GRM155R61C105KA12#		
				±20%	GRM155R61C105MA12#		
		B	1.0μF	±10%	GRM155B31C105KA12#		
				±20%	GRM155B31C105MA12#		
	10Vdc	X7R	0.22μF	±10%	GRM155R71A224KE01#		
				±20%	GRM155R71A224ME01#		
			0.47μF	±10%	GRM155R71A474KE01#		
				±20%	GRM155R71A474ME01#		
			X6S	1.0μF	±10%	GRM155C81A105KA12#	
					±20%	GRM155C81A105MA12#	
		B	2.2μF	±10%	GRM155B31A225KE95#	D1	
				±20%	GRM155B31A225ME95#	D1	
		6.3Vdc	X7R	1.0μF	±10%	GRM155R70J105KA12#	D1
					±20%	GRM155R70J105MA12#	D1
				X6S	2.2μF	±10%	GRM155C80J225KE95#
			B	2.2μF	±10%	GRM155B30J225KE95#	
	±20%				GRM155B30J225ME95#		
	4Vdc			X7R	1.0μF	±10%	GRM155R70G105KA12#
	±20%	GRM155R70G105MA12#					
	0.6mm	50Vdc	X5R	0.47μF	±10%	GRM155R61H474KE11#	D1
				1.0μF	±10%	GRM155R6YA105KE11#	D1
			X6S	1.0μF	±10%	GRM155C81E105KE11#	D1
		16Vdc	X6S	1.0μF	±10%	GRM155C81C105KE11#	
					±20%	GRM155C81C105ME11#	
			X5R	4.7μF	±20%	GRM155R60J475ME47#	D1
		6.3Vdc	B	4.7μF	±20%	GRM155B30J475ME47#	D1
X5R			4.7μF	±20%	GRM155R60G475ME47#		
4Vdc		X5R	4.7μF	±20%	GRM155B30G475ME47#		
				B	4.7μF	±20%	GRM155B30G475ME47#
		X6T	4.7μF	±20%	GRM155D80E475ME47#	D1	
0.65mm	25Vdc	X6T	2.2μF	±20%	GRM155D81E225ME11#	D1	
	16Vdc	X7T	2.2μF	±20%	GRM155D71C225ME11#	D1	
X6T				2.2μF	±20%	GRM155D81C225ME11#	

Part number # indicates the package specification code.



GRM Series High Dielectric Constant Type Part Number List

(→ 1.0×0.5mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.65mm	10Vdc	X7T	2.2μF	±20%	GRM155D71A225ME11#	
		X5R	4.7μF	±20%	GRM155R61A475MEAA#	D1
	6.3Vdc	X6S	4.7μF	±20%	GRM155C80J475MEAA#	D1
0.7mm	25Vdc	X5R	2.2μF	±10%	GRM155R61E225KE11#	
				±20%	GRM155R61E225ME11#	
		X6S	2.2μF	±10%	GRM155C81C225KE11#	
			±20%	GRM155C81C225ME11#		
	16Vdc	X6S	2.2μF	±10%	GRM155C81C225KE11#	
				±20%	GRM155C81C225ME11#	
		X5R	2.2μF	±10%	GRM155R61C225KE11#	
			±20%	GRM155R61C225ME11#		
	10Vdc	X7S	2.2μF	±10%	GRM155C71A225KE11#	
				±20%	GRM155C71A225ME11#	
		X6S	2.2μF	±10%	GRM155C81A225KE11#	
				±20%	GRM155C81A225ME11#	
6.3Vdc	X7S	2.2μF	±10%	GRM155C70J225KE11#		
			±20%	GRM155C70J225ME11#		
	X5R	10μF	±20%	GRM155R60J106ME05#	D1	
4Vdc	X5R	10μF	±20%	GRM155R60G106ME01#		
				GRM155R60E106ME16#		
2.5Vdc	X5R	10μF	±20%	GRM155R60E106ME16#		

1.6×0.8mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.5mm	6.3Vdc	X5R	10μF	±20%	GRM185R60J106ME15#	D1
	4Vdc	X5R	10μF	±20%	GRM185R60G106ME15#	
0.55mm	16Vdc	X5R	4.7μF	±10%	GRM185R61C475KE11#	
				±20%	GRM185R61C475ME11#	
	10Vdc	X6S	4.7μF	±10%	GRM185C81A475KE11#	D1
				±20%	GRM185C81A475ME11#	D1
6.3Vdc	X7T	4.7μF	±20%	GRM185D70J475ME11#	D1	
	X6S	4.7μF	±20%	GRM185C80J475ME11#		
0.9mm	25Vdc	X5R	2.2μF	±10%	GRM188R61E225KA12#	
				±20%	GRM188R61E225MA12#	
		B	2.2μF	±10%	GRM188B31E225KA12#	
				±20%	GRM188B31E225MA12#	
	16Vdc	X6S	2.2μF	±10%	GRM188C81C225KA12#	
				±20%	GRM188C81C225MA12#	
	10Vdc	X7R	2.2μF	±10%	GRM188R71A225KE15#	
				±20%	GRM188R71A225ME15#	
	6.3Vdc	X5R	10μF	±20%	GRM188R60J106ME47#	
				B	10μF	±20%
4Vdc	X5R	10μF	±20%	GRM188R60G106ME47#		
				GRM188R61E475KE11#		
0.95mm	25Vdc	X5R	4.7μF	±10%	GRM188R61E475KE11#	
				±20%	GRM188R61E475ME11#	
				GRM188C81C475KE11#		
			±20%	GRM188C81C475ME11#		
	16Vdc	X6S	4.7μF	±10%	GRM188R61C475KE11#	
				±20%	GRM188R61C475ME11#	
				GRM188C81C475KE11#		
				±10%	GRM188R61C475KE11#	
				±20%	GRM188R61C475ME11#	
		10μF	±10%	GRM188R61C106KAAL#		
			±20%	GRM188R61C106MAAL#		
	B	4.7μF	±10%	GRM188B31C475KAAJ#	D1	
±20%				GRM188B31C475MAAJ#	D1	
GRM188C71A475KE11#						
10Vdc	X7S	4.7μF	±10%	GRM188C71A475KE11#		
			±20%	GRM188C71A475ME11#		

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.95mm	10Vdc	X5R	10μF	±10%	GRM188R61A106KAAL#		
				±20%	GRM188R61A106MAAL#		
		B	10μF	±20%	GRM188B31A106ME69#	D1	
1.0mm	50Vdc	X5R	2.2μF	±10%	GRM188R61H225KE11#		
				±20%	GRM188R61H225ME11#		
				GRM188C81E225KE11#			
		35Vdc	X6S	2.2μF	±10%	GRM188C8YA225KE11#	
					±20%	GRM188C8YA225ME11#	
					GRM188C8YA225ME11#		
	X5R	4.7μF	±10%	GRM188R6YA475KE15#			
			±20%	GRM188R6YA475ME15#			
			GRM188C71E225KE11#				
	25Vdc	X7S	2.2μF	±10%	GRM188C71E225KE11#		
				±20%	GRM188C71E225ME11#		
	X6S	2.2μF	±10%	GRM188C81E225KE11#			
			±20%	GRM188C81E225ME11#			
			GRM188C81E475KE11#	D1			
				±20%	GRM188C81E475ME11#	D1	
		X5R	10μF	±20%	GRM188R61E106MA73#		
				GRM188C71C225KE11#			
	±20%			GRM188C71C225ME11#			
16Vdc	X7S	2.2μF	±10%	GRM188C71C225KE11#			
			±20%	GRM188C71C225ME11#			
			GRM188C71C475KE21#				
		±10%	GRM188C81C106MA73#				
10Vdc	X7T	10μF	±20%	GRM188D71A106MA73#			
			GRM188D70J106MA73#				
6.3Vdc	X7T	10μF	±20%	GRM188D70J106MA73#			
			X5R	22μF	±20%	GRM188R60J226MEA0#	D1
	B	22μF	±20%	GRM188B30J226MEA0#	D1		
4Vdc	X6S	22μF	±20%	GRM188C80G226MEA0#	D1		
			X5R	22μF	±20%	GRM188R60G226MEA0#	
			B	22μF	±20%	GRM188B30G226MEA0#	

2.0×1.25mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.95mm	35Vdc	X5R	4.7μF	±10%	GRM219R6YA475KA73#	D1	
				±20%	GRM219R6YA475MA73#	D1	
				GRM219R61E475KA73#			
	25Vdc	X5R	4.7μF	±10%	GRM219R61E475KA73#		
				±20%	GRM219R61E475MA73#		
				GRM219R60G476ME44#	D1		
4Vdc	X5R	47μF	±20%	GRM219D80E476ME44#	D1		
			GRM219D80E476ME44#				
1.0mm	35Vdc	X6S	4.7μF	±10%	GRM219C8YA475KE21#	D1	
				±20%	GRM219C8YA475ME21#	D1	
				GRM219C71E475KE21#	D1		
	25Vdc	X7S	4.7μF	±10%	GRM219C71E475KE21#	D1	
				±20%	GRM219C71E475ME21#	D1	
				GRM219C81E475KE21#	D1		
			±10%	GRM219C81E475ME21#	D1		
	16Vdc	X7S	4.7μF	±10%	GRM219C71C475KE21#		
				±20%	GRM219C71C475ME21#		
				GRM219R61C226ME15#	D1		
	1.35mm	16Vdc	X5R	10μF	±10%	GRM21BR61C106KE15#	
					±20%	GRM21BR61C106ME15#	
B					10μF	±10%	GRM21BB31C106KE15#
			±20%	GRM21BB31C106ME15#			
50Vdc		X5R	4.7μF	±10%	GRM21BR61H475KE51#		
				±20%	GRM21BR61H475ME51#		
	B			4.7μF	±10%	GRM21BB31H475KE51#	

Part number # indicates the package specification code.



GRM Series High Dielectric Constant Type Part Number List

(→ 2.0×1.25mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number					
1.4mm	50Vdc	B	4.7μF	±20%	GRM21BB31H475ME51#					
				X7R	2.2μF	±10%	GRM21BR71E225KE11#			
						±20%	GRM21BR71E225ME11#			
		X5R	10μF			±10%	GRM21BR61E106KA73#			
				±20%	GRM21BR61E106MA73#					
				B	10μF	±10%	GRM21BB31E106KA73#			
	±20%	GRM21BB31E106MA73#								
	16Vdc	X6S	10μF			±10%	GRM21BC81C106KA73#			
				±20%	GRM21BC81C106MA73#					
				4Vdc	X7U	22μF	±20%	GRM21BE70G226ME51#		
		1.45mm	100Vdc				X7S	1.0μF	±10%	GRM21BC72A105KE01#
									50Vdc	X7S
±20%				GRM21BC71H475ME11#						
X6S	4.7μF			±10%	GRM21BC81H475KE11#					
				±20%	GRM21BC81H475ME11#					
				35Vdc	X7S	4.7μF	±10%	GRM21BC7YA475KE11#		
±20%	GRM21BC7YA475ME11#									
X6S	10μF		±10%				GRM21BC8YA106KE11#			
			±20%		GRM21BC8YA106ME11#					
			X5R		10μF	±10%	GRM21BR6YA106KE43#			
±20%	GRM21BR6YA106ME43#									
25Vdc	X7S			4.7μF		±10%	GRM21BC71E475KE11#			
		±20%	GRM21BC71E475ME11#							
		10μF	±10%		GRM21BC71E106KE11#					
	±20%		GRM21BC71E106ME11#							
	X6S		10μF	±10%	GRM21BC81E106KE11#					
		±20%		GRM21BC81E106ME11#						
16Vdc		X7S		10μF	±10%	GRM21BC71C106KE11#				
	±20%		GRM21BC71C106ME11#							
	X6S		22μF		±20%	GRM21BC81C226ME44#				
		X5R		22μF	±20%	GRM21BR61C226ME44#				
					10Vdc	X7T	22μF	±20%	GRM21BD71A226ME44#	
	X6S		22μF					±20%	GRM21BC81A226ME44#	
X5R		22μF		±20%				GRM21BR61A226ME44#		
				47μF		±20%	GRM21BR61A476ME15#			
	6.3Vdc		X7T			22μF	±20%	GRM21BD70J226ME44#		
X5R		47μF					±20%	GRM21BR60J476ME01#		
				100μF	±20%		GRM21BR60J107ME15#			
			B		47μF	±20%	GRM21BB30J476ME15#			
4Vdc		X6S				47μF	±20%	GRM21BC80G476ME15#		
				100μF			±20%	GRM21BC80G107ME15#		
	X5R		47μF		±20%		GRM21BR60G476ME01#			
		B			47μF	±20%	GRM21BB30G476ME15#			
				2.5Vdc		X6S	100μF	±20%	GRM21BC80E107ME15#	

3.2×1.6mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.95mm	16Vdc	X5R	22μF	±20%	GRM319R61C226ME15#
				±20%	GRM319B31C226ME15#
1.8mm	50Vdc	X7R	4.7μF	±10%	GRM31CR71H475KA12#
				±20%	GRM31CR71H475MA12#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number				
1.8mm	25Vdc	X7R	10μF	±10%	GRM31CR71E106KA12#				
				±20%	GRM31CR71E106MA12#				
				10Vdc	X7R	22μF	±20%	GRM31CR71A226ME15#	
		X5R	47μF				±20%	GRM31CR61A476ME15#	
							6.3Vdc	X7R	22μF
				X7U	47μF	±20%			
	X5R	47μF	±20%			GRM31CR60J476ME19#			
			4Vdc			X7U	47μF	±20%	GRM31CE70G476ME15#
				1.9mm	100Vdc			X7S	4.7μF
	±20%	GRM31CC72A475ME11#							
	50Vdc	X7T				10μF	±10%		
					±20%		GRM31CD71H106ME11#		
35Vdc					X7T		10μF	±10%	GRM31CD7YA106KE11#
	25Vdc	X6S	22μF			±20%		GRM31CC81E226ME11#	
						16Vdc		X7S	22μF
X5R					47μF		±20%		
	10Vdc	X6S	47μF				±20%		
						X5R	100μF	±20%	GRM31CR61A107ME48#
6.3Vdc					X6T			100μF	±20%
	X5R	100μF	±20%						GRM31CR60J107ME48#
			220μF	±20%		GRM31CR60J227ME11#			
4Vdc				X7U	100μF	±20%	GRM31CE70G107ME48#		
	X6T	100μF				±20%	GRM31CD80G107ME48#		
			X5R			100μF	±20%	GRM31CR60G107ME48#	
				220μF	±20%		GRM31CR60G227ME11#		
	2.5Vdc	X5R			220μF		±20%	GRM31CR60E227ME11#	

3.2×2.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number				
2.7mm	100Vdc	X7S	10μF	±10%	GRM32EC72A106KE05#				
				±20%	GRM32EC72A106ME05#				
				25Vdc	X7R	22μF	±20%	GRM32ER71E226ME15#	
		16Vdc	X7R				22μF	±20%	GRM32ER71C226ME48#
								X6S	47μF
				10Vdc	X7R	47μF			
	X5R	100μF	±20%				GRM32ER61A107ME20#		
			6.3Vdc				X7R	47μF	±20%
				X7U	100μF	±20%			GRM32EE70J107ME15#
	4Vdc	X7U				100μF			±20%
			2.8mm				6.3Vdc	X5R	220μF
				4Vdc	X5R				

4.5×3.2mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.5mm	630Vdc	X7R	68000pF	±10%	GRM43QR72J683KW01#
				±10%	GRM43QR72H154KW10#
				±10%	GRM43QR72E154KW01#
2.0mm	1000Vdc	X7R	33000pF	±10%	GRM43DR73A333KW01#
				±10%	GRM43DR73A473KW01#
			47000pF	±10%	GRM43DR72J104KW01#
				±10%	GRM43DR72H224KW10#

Part number # indicates the package specification code.



GRM Series High Dielectric Constant Type Part Number List

(→ 4.5×3.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
2.0mm	250Vdc	X7R	0.22μF	±10%	GRM43DR72E224KW01#
			0.33μF	±10%	GRM43DR72E334KW01#
			0.47μF	±10%	GRM43DR72E474KW01#

5.7×5.0mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
2.0mm	1000Vdc	X7R	68000pF	±10%	GRM55DR73A683KW01#
			0.10μF	±10%	GRM55DR73A104KW01#
	630Vdc	X7R	0.15μF	±10%	GRM55DR72J154KW01#
			0.22μF	±10%	GRM55DR72J224KW01#
	500Vdc	X7R	0.33μF	±10%	GRM55DR72H334KW10#
			0.47μF	±10%	GRM55DR72H474KW10#
	250Vdc	X7R	0.33μF	±10%	GRM55DR72E334KW01#
			0.47μF	±10%	GRM55DR72E474KW01#
			0.68μF	±10%	GRM55DR72E684KW01#
			1.0μF	±10%	GRM55DR72E105KW01#
	200Vdc	X7R	0.33μF	±10%	GRM55DR72D334KW01#
			0.47μF	±10%	GRM55DR72D474KW01#
			0.68μF	±10%	GRM55DR72D684KW01#
			1.0μF	±10%	GRM55DR72D105KW01#

GRM

GR3

GRJ

GR4

GJM

GQM

GA2

GA3
GB

GA3
GD

GA3
GF

LLL

LLA

LLM

LLR

NFM

KRM

KR3

GMA

GMD

△Caution
/Notice