

Chip Multilayer Ceramic Capacitors for General



2018

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Product specifications are as of September 2017.

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Please check the MURATA website (<https://www.murata.com/>) if you cannot find a part number in this catalog.

EU RoHS Compliant

- All the products in this catalog comply with EU RoHS.
- EU RoHS is "the European Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment."
- For more details, please refer to our web page, "Murata's Approach for EU RoHS" (<https://www.murata.com/en-eu/support/compliance/rohs>).

Qualified Standards

- The products listed here have been produced by ISO 9001 certified factory.
 <Plant>
 - Fukui Murata Mfg. Co., Ltd.
 - Izumo Murata Mfg. Co., Ltd.
 - Murata Electronics Singapore (Pte.) Ltd.
 - Wuxi Murata Electronics Co., Ltd.
 - PHILIPPINE MANUFACTURING CO. OF MURATA, INC.



Explanation of Symbols in This Catalog



Links are provided to the latest information from the PDF version of the catalog, which is available on the web.

General	For applications that do not require the particular reliability such as the general equipment
Info-tainment	Infotainment for Automotive The product for entertainment equipment like car navigations, car audios, and body control equipment like wipers, power windows.
Powertrain	Powertrain/Safety for Automotive Product used for applications (running, turning, stopping and safety devices) which particularly concern human life, such as in devices for automobiles.
Medical Device	Medical-grade products for Implanted Medical Devices These products are intended for use in implanted medical devices such as cardiac pacemakers, cochlear implants, insulin pumps and gastric electrostimulators. They are suitable for use in non-critical circuits. *1 *1 Non-critical circuits This term refers to circuits in implanted medical devices that are not directly linked to life support, i.e. circuits that will not directly endanger the life of the patient should the functionality of the device be reduced or halted by failure of the circuit.
AEC-Q200	AEC-Q200 compliant product
Safety standard	Safety Standard Certified Product Products that acquired safety standard certification IEC60384-14 and products based on the Electrical Appliance and Material Safety Law of Japan.
Japanese Safety Law	Based on the Electrical Appliance and Material Safety Law of Japan Products that are based on the electrical appliance and material safety law of Japan.
High Q	Low dissipation for high frequency By devising ceramic materials and electrode materials, low dissipation is achieved in frequency bands of VHF, UHF and microwave or beyond.
Low ESL	Low inductance This capacitor is designed so that the parasitic inductance component (ESL) that the capacitor has on the high frequency side becomes lower.
Fail safe	Fail safe product This capacitor is designed to prevent failures as much as possible by short mode.
Deflecting crack	Product resistant to deflection cracking This capacitor is designed to prevent failures as much as possible by short mode caused by cracking when there is board deflection.
Soldering crack	Product with solder cracking suppression "This capacitor is configured with metal terminals and leads connected to the chip. The metal terminals and leads relieve the stress from expansion and contraction of the solder, to suppress solder cracking."
Anti-noise	Product suitable for acoustic noise reduction and low distortion This product suppresses acoustic noise, which occurs when a ceramic capacitor is used, by devising the materials and configuration.
Effective Cap	No DC bias characteristics Polymer capacitor is no capacitance change with DC bias due to aluminum oxidized film for dielectric.
EMI FIL®	Low-inductance product suitable for noise suppression. This product has extremely low ESL and is suitable for suppression of noise, including high frequencies. This product can also be used as a low-ESL, high-performance bypass capacitor.
Bonding	Product for bonding Since gold is used for the external electrodes, the capacitor can be mounted by die bonding/wire bonding.

D1
Derating 1

This product is suitable when a voltage continuously applied to a capacitor in an operating circuit, is used below (derated) the rated voltage of the capacitor. This model guarantees the test conditions in the endurance test, at a rated voltage x 100% at the maximum operating temperature. A reliability assurance level equivalent to a common product can be secured, by using this product within the voltage and temperature derated conditions recommended in the figure below.

Recommended Conditions of the Derating Operating Voltage and Temperature

Product Temperature (°C)	125°C Type (%)	105°C Type (%)	85°C Type (%)
25	100	100	100
50	100	100	100
75	100	100	~70
100	100	~70	~70
125	~70	~70	~70

D2
Derating 2

When the product temperature exceeds 105°C, please use this product within the voltage and temperature derated conditions in the figure below.

Product Temperature (°C)	Rated Voltage 630V (%)	Rated Voltage 450V (%)
0	630	450
25	630	450
50	630	450
75	630	450
100	~450	~450
125	~450	~350

D3
Derating 3

Please apply the derating curve according to the operating temperature.
Please refer to detailed specifications sheet for details.

D4
Derating 4

When the product temperature exceeds 125°C, please use this product within the voltage and temperature derated conditions in the figure below.

Product Temperature (°C)	Operating Voltage/Rated Voltage (%)
-75	100
-50	100
-25	100
0	100
25	100
50	100
75	100
100	100
125	100
150	~50

D5
Derating 5

Please apply the rated voltage derating over 150 °C.
Please refer to detailed specifications sheet for details.

Selection Guide for Capacitors

For general

General SMD

Solder mounting

Chip type

	GRM		p40	
	GRM	For LCD backlight inverter circuit only		WEB
	GR3	Anti-noise	High effective capacitance & high ripple current	p109
	GRJ	Deflecting crack	Soft termination	p120
	GXM	Water Repellent		WEB
	GR4		For information devices only	p125
	GR7		For camera flash circuit only	p130
	GJM	High Q		p135
	GQM	High Q	High power	p164
	GA2	Japanese Safety Law	Based on the Electrical Appliance and Material Safety Law of Japan	p184
	GA3	Safety standard		p189
	LLL	Low ESL	LW reversed	p219
	LLA	Low ESL	8 terminals	p222
	LLM	Low ESL	10 terminals	p228
	LLR	Low ESL	LW reversed controlled ESR	p232
	NFM	Low ESL	3 terminals	p236
	GJ4	Anti-noise	Low distortion	WEB
	GJ8	Anti-noise	Low acoustic noise	WEB

On interposer board

	ZRA	Anti-noise		WEB
	ZRB	Anti-noise		WEB

Metal terminal type

	KRM	Anti-noise	Deflecting crack	Soldering crack		p239
	KR3	Anti-noise	Deflecting crack	Soldering crack	High effective capacitance & high ripple current	p243

Resin molding SMD type

	DK1	Safety standard		WEB
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Wire bonding mounting

Chip type

	GMA		Microchip	p249
	GMD			p256

Lead type

Solder mounting

	RDE	Anti-noise	Deflecting crack	Soldering crack		WEB
	DEH		High temperature low loss			WEB
	DEA		High temperature Class 1			WEB
	DEB		Class 2			WEB
	DEC					WEB
	DEF		For LCD backlight inverter circuit only			WEB
	DHR	Ultra-high voltage	Deflecting crack	Soldering crack		WEB
	DEJ	Japanese Safety Law	Based on the Electrical Appliance and Material Safety Law of Japan			WEB
	DE1	Safety standard	X1/Y1 Class certified product			WEB
	DE2	Safety standard	X1/Y2 Class certified product			WEB

Screw termination mounting

	DHS	Ultra-high voltage		WEB
	DHK	Ultra-high voltage	High voltage AC rated	WEB

Infotainment for automotive

SMD

Solder mounting

Chip type

	GRT			WEB
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Powertrain/Safety for automotive

SMD

Solder mounting

Chip type

	GCM			WEB		
	GC3	Anti-noise	High effective capacitance & high ripple current	WEB		
	GCJ	Fail safe	Deflecting crack	Soft termination	WEB	
	GGM	Water Repellent		WEB		
	GCQ	High Q		WEB		
	GCD	Fail safe	Deflecting crack	MLSC design	WEB	
	GCE	Fail safe	Deflecting crack	Soft termination MLSC design	WEB	
	GGD	Fail safe	Deflecting crack	Water Repellent	MLSC design	WEB
	NFM	Low ESL		3 terminals	WEB	

Metal terminal type

	KCM	Anti-noise	Deflecting crack	Soldering crack		WEB
	KC3	Anti-noise	Deflecting crack	Soldering crack	High effective capacitance & high ripple current	WEB
	KCA	Safety standard	Anti-noise	Deflecting crack	Soldering crack	WEB

Limited to Conductive Glue Mounting

Chip type

	GCB	Deflecting crack	Soldering crack	Ni plating + Pd plating termination conductive glue mounting	WEB
	GCG	Deflecting crack	Soldering crack	AgPd termination conductive glue mounting	WEB

Lead type

Solder mounting

	RCE	Anti-noise	Deflecting crack	Soldering crack		WEB
	RHE	Anti-noise	Deflecting crack	Soldering crack	150°C operation leaded	WEB
	RHS	Anti-noise	Deflecting crack	Soldering crack	200°C operation leaded	WEB
	DE6	Safety standard				WEB

Medical-grade products for implanted medical devices

SMD

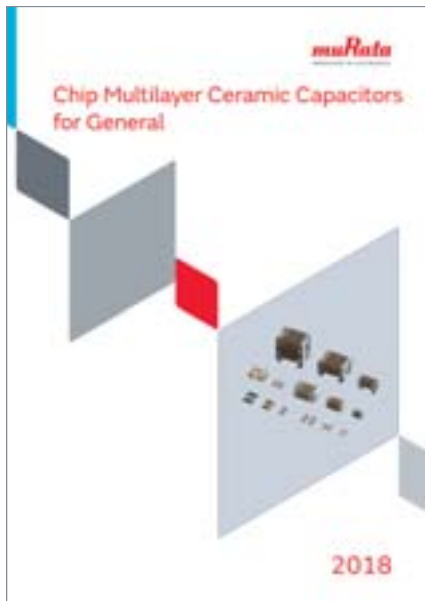
Solder mounting

Chip type

	GCH			WEB
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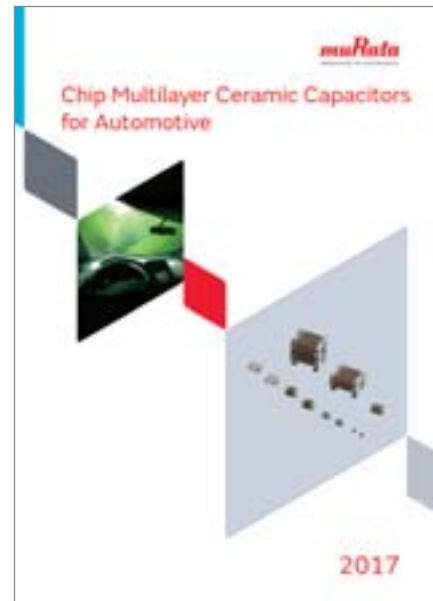
Catalog Information

Catalog relates to a multilayer ceramic capacitor is below.



Chip Multilayer Ceramic Capacitors for General

Cat No. C02E-21



Chip Multilayer Ceramic Capacitors for Automotive

Cat No. C03E-9



Safety Certified Ceramic Capacitors/High Voltage Ceramic Capacitors

Cat No. C85E-5



Radial Lead Type Monolithic Ceramic Capacitors

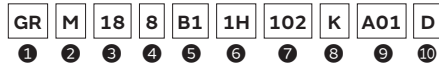
Cat No. C49E-23

● Part Numbering

Chip Multilayer Ceramic Capacitors for General



(Part Number)



① Product ID ② Series

Product ID	Code	Series
GA	2	Based on the Electrical Appliance and Material Safety Law of Japan Chip Multilayer Ceramic Capacitors for General Purpose
	3	Safety Standard Certified Chip Multilayer Ceramic Capacitors for General Purpose
GJ	M	High Q Chip Multilayer Ceramic Capacitors for General Purpose
GM	A	Wire Bonding Mount Multilayer Microchip Capacitors for General Purpose
	D	Wire Bonding/AuSn Soldering Mount Chip Multilayer Ceramic Capacitors for General Purpose
GQ	M	High Q and High Power Chip Multilayer Ceramic Capacitors for General Purpose
GR	3	High Effective Capacitance & High Ripple Current Chip Multilayer Ceramic Capacitors for General Purpose
	4	Chip Multilayer Ceramic Capacitors for Camera Flash Circuit only
	7	Chip Multilayer Ceramic Capacitors for Ethernet LAN and Primary-secondary Coupling of DC-DC Converters
	J	Soft Termination Chip Multilayer Ceramic Capacitors for General Purpose
KR	M	Chip Multilayer Ceramic Capacitors for General Purpose
	3	High Effective Capacitance & High Allowable Ripple Current Metal Terminal Type Multilayer Ceramic Capacitors for General Purpose
LL	M	Metal Terminal Type Multilayer Ceramic Capacitors for General Purpose
	A	8 Terminals Low ESL Chip Multilayer Ceramic Capacitors for General Purpose
	L	LW Reversed Low ESL Chip Multilayer Ceramic Capacitors for General Purpose
	M	10 Terminals Low ESL Chip Multilayer Ceramic Capacitors for General Purpose
	R	LW Reversed Controlled ESR Low ESL Chip Multilayer Ceramic Capacitors for General Purpose

③ Chip Dimensions (LxW)

Code	Dimensions (LxW)	EIA
02	0.4x0.2mm	01005
0D	0.38x0.38mm	015015
03	0.6x0.3mm	0201
05	0.5x0.5mm	0202
08	0.8x0.8mm	0303
1U	0.6x1.0mm	02404
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
21	2.0x1.25mm	0805
22	2.8x2.8mm	1111
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
42	4.5x2.0mm	1808
43	4.5x3.2mm	1812
52	5.7x2.8mm	2211
55	5.7x5.0mm	2220

Continued on the following page. ↗

(Part Number)

GR	M	18	8	B1	1H	102	K	A01	D
1	2	3	4	5	6	7	8	9	10

Continued from the preceding page. ↘

④ Height Dimension (T) (Except KR□)

Code	Dimension (T)
2	0.2mm
3	0.3mm
4	0.4mm
5	0.5mm
6	0.6mm
7	0.7mm
8	0.8mm
9	0.85mm
A	1.0mm
B	1.25mm
C	1.6mm
D	2.0mm
E	2.5mm
M	1.15mm
Q	1.5mm
X	Depends on individual standards.

④ Height Dimension (T) (KR□ Only)

Code	Dimension (T)
E	1.8mm
F	1.9mm
K	2.7mm
L	2.8mm
Q	3.7mm
T	4.8mm
W	6.4mm

⑤ Temperature Characteristics

Temperature Characteristic Codes			Temperature Characteristics				Operating Temperature Range	Capacitance Change Each Temperature (%)					
Code	Public STD Code	Reference Temperature	Temperature Range	Capacitance Change or Temperature Coefficient	-55°C			*6		-10°C			
					Max.	Min.		Max.	Min.	Max.	Min.		
1X	SL	JIS	20°C	20 to 85°C	+350 to -1000ppm/°C	-55 to 125°C	-	-	-	-	-	-	
2C	CH	JIS	20°C	20 to 125°C	0±60ppm/°C	-55 to 125°C	0.82	-0.45	0.49	-0.27	0.33	-0.18	
3C	CJ	JIS	20°C	20 to 125°C	0±120ppm/°C	-55 to 125°C	1.37	-0.9	0.82	-0.54	0.55	-0.36	
3U	UJ	JIS	20°C	20 to 85°C	-750±120ppm/°C	-25 to 85°C	-	-	4.94	2.84	3.29	1.89	
4C	CK	JIS	20°C	20 to 125°C	0±250ppm/°C	-55 to 125°C	2.56	-1.88	1.54	-1.13	1.02	-0.75	
5C	C0G	EIA	25°C	25 to 125°C	0±30ppm/°C	-55 to 125°C	0.58	-0.24	0.4	-0.17	0.25	-0.11	
5G	X8G	*2	25°C	25 to 150°C	0±30ppm/°C	-55 to 150°C	0.58	-0.24	0.4	-0.17	0.25	-0.11	
7U	U2J	EIA	25°C	25 to 125°C *3	-750±120ppm/°C	-55 to 125°C	8.78	5.04	6.04	3.47	3.84	2.21	
B1	B *1	JIS	20°C	-25 to 85°C	±10%	-25 to 85°C	-	-	-	-	-	-	
B3	B	JIS	20°C	-25 to 85°C	±10%	-25 to 85°C	-	-	-	-	-	-	
C7	X7S	EIA	25°C	-55 to 125°C	±22%	-55 to 125°C	-	-	-	-	-	-	
C8	X6S	EIA	25°C	-55 to 105°C	±22%	-55 to 105°C	-	-	-	-	-	-	
D7	X7T	EIA	25°C	-55 to 125°C	+22%, -33%	-55 to 125°C	-	-	-	-	-	-	
D8	X6T	EIA	25°C	-55 to 105°C	+22%, -33%	-55 to 105°C	-	-	-	-	-	-	
E7	X7U	EIA	25°C	-55 to 125°C	+22%, -56%	-55 to 125°C	-	-	-	-	-	-	
R1	R *1	JIS	20°C	-55 to 125°C	±15%	-55 to 125°C	-	-	-	-	-	-	
R6	X5R	EIA	25°C	-55 to 85°C	±15%	-55 to 85°C	-	-	-	-	-	-	
R7	X7R	EIA	25°C	-55 to 125°C	±15%	-55 to 125°C	-	-	-	-	-	-	
W0	X7T	EIA	25°C	-55 to 125°C	±10% *4	-55 to 125°C	-	-	-	-	-	-	
					+22%, -33% *5		-	-	-	-	-	-	

*1 Capacitance change is specified with 50% rated voltage applied.
 *2 Murata Temperature Characteristic Code.
 *3 Rated Voltage 100Vdc max: 25 to 85°C
 *4 Apply DC350V bias.
 *5 No DC bias.
 *6 -25°C (Reference Temperature 20°C) / -30°C (Reference Temperature 25°C)

Continued on the following page. ↗

(Part Number)

GR	M	18	8	B1	1H	102	K	A01	D
1	2	3	4	5	6	7	8	9	10

Continued from the preceding page. ↘

⑥ Rated Voltage

Code	Rated Voltage
OE	DC2.5V
OG	DC4V
OJ	DC6.3V
1A	DC10V
1C	DC16V
1E	DC25V
1H	DC50V
1J	DC63V
1K	DC80V
2A	DC100V
2D	DC200V
2E	DC250V
2W	DC450V
2H	DC500V
2J	DC630V
3A	DC1kV
3D	DC2kV
3F	DC3.15kV
BB	DC350V
E2	AC250V
GB	X2; AC250V (Safety Standard Certified Type GB)
GD	Y3; AC250V (Safety Standard Certified Type GD)
GF	Y2, X1/Y2; AC250V (Safety Standard Certified Type GF)
YA	DC35V

⑦ Capacitance

Expressed by three-digit alphanumerics. The unit is picofarad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two numbers. If there is a decimal point, it is expressed by the capital letter "R." In this case, all figures are significant digits. If any alphabet, other than "R", is included, this indicates the specific part number is a non-standard part.

Ex.)

Code	Capacitance
R50	0.50pF
1R0	1.0pF
100	10pF
103	10000pF

⑧ Capacitance Tolerance

Code	Capacitance Tolerance
B	±0.1pF
C	±0.25pF
D	±0.5pF (Less than 10pF) ±0.5% (10pF and over)
F	±1%
G	±2%
J	±5%
K	±10%
M	±20%
W	±0.05pF

⑨ Individual Specification Code (Except LLR)

Expressed by three figures.

⑨ ESR (LLR Only)

Code	ESR
E01	100mΩ
E03	220mΩ
E05	470mΩ
E07	1000mΩ

⑩ Packaging

Code	Packaging
L	ø180mm Embossed Taping
D/E/W	ø180mm Paper Taping
K	ø330mm Embossed Taping
J/F	ø330mm Paper Taping
T	Bulk Tray

Please contact us if you find any part number not provided in this table.

3 Terminal Low ESL Multilayer Ceramic Capacitors

WEB 

(Part Number)

NF	M	3D	CC	102	R	1H	3	L
1	2	3	4	5	6	7	8	9

1 Product ID 2 Series

Product ID	Series
NFM	3 Terminals Low ESL Chip Multilayer Ceramic Capacitors

3 Dimensions (LxW)

Code	Dimensions (LxW)	EIA
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
21	2.0x1.25mm	0805
3D	3.2x1.25mm	1205
31	3.2x1.6mm	1206
41	4.5x1.6mm	1806

4 Features

Code	Features	
CC	For General	For Signal Lines
PC		For Large Current
PS		High Insertion Loss Type for Large Current
KC		For Very Large Current

5 Capacitance

Expressed by three figures. The unit is in pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

6 Characteristics

Code	Capacitance Temperature Characteristics
B	±10%, ±12.5%, +10/-13%
C	±22%
D	+22/-33%
F	+30/-80%, +30/-84%
R	±15%, +15/-18%

7 Rated Voltage

Code	Rated Voltage
0E	2.5V
0G	4V
0J	6.3V
1A	10V
1C	16V
1E	25V
1H	50V
2A	100V

8 Electrode

Code	Electrode
3	Sn Plating

9 Packaging

Code	Packaging
B	Bulk
L	Embossed Taping (ø180mm Reel)
D	Paper Taping (ø180mm Reel)

Capacitance Table

How to read the Capacitance Table

L×W (mm)	0.4×0.2		0.6		
T max. (mm)	0.22		0.		
Rated Voltage (Vdc)	25		50		
Cap. / TC Code	COG	CΔ	COG	CK	CJ
0.10pF					
0.20pF	p140	p143	p146	p146	
1.0pF	p140	p143		p146	
2.0pF	p140	p143		p146	
3.0pF	p140	p143			p146

→ The values can be narrowed down in the order of size, rated voltage, and temperature characteristics.

→ Refers to the page of the part number list.
 Check the part number list for the applicable product number.

Temperature Characteristics Table

The Table is colored by temperature characteristic codes.
 Refer to the following Table for the meaning of each code.

EIA:	COG	U2J	X7R	X7S	X7T	X7U	X6S	X6T	X5R
JIS:	CK	CJ	CH	SL	UJ	R	B		
Murata Temperature Characteristic:	X8G								

Temperature Characteristic Codes		Temperature Characteristics			Operating Temperature Range	Capacitance Change Each Temperature (%)					
		Reference Temperature	Temperature Range	Capacitance Change or Temperature Coefficient		-55°C		*3		-10°C	
						Max.	Min.	Max.	Min.	Max.	Min.
COG	EIA	25°C	25 to 125°C	0±30ppm/°C	-55 to 125°C	0.58	-0.24	0.4	-0.17	0.25	-0.11
CK	JIS	20°C	20 to 125°C	0±250ppm/°C	-55 to 125°C	2.56	-1.88	1.54	-1.13	1.02	-0.75
CJ	JIS	20°C	20 to 125°C	0±120ppm/°C	-55 to 125°C	1.37	-0.9	0.82	-0.54	0.55	-0.36
CH	JIS	20°C	20 to 125°C	0±60ppm/°C	-55 to 125°C	0.82	-0.45	0.49	-0.27	0.33	-0.18
SL	JIS	20°C	20 to 85°C	+350 to -1000ppm/°C	-55 to 125°C	-	-	-	-	-	-
U2J	EIA	25°C	25 to 125°C *2	-750±120ppm/°C	-55 to 125°C	8.78	5.04	6.04	3.47	3.84	2.21
UJ	JIS	20°C	20 to 85°C	-750±120ppm/°C	-25 to 85°C	-	-	4.94	2.84	3.29	1.89
X8G	*1	25°C	25 to 150°C	0±30ppm/°C	-55 to 150°C	0.58	-0.24	0.4	-0.17	0.25	-0.11
X7R	EIA	25°C	-55 to 125°C	±15%	-55 to 125°C	-	-	-	-	-	-
X7S	EIA	25°C	-55 to 125°C	±22%	-55 to 125°C	-	-	-	-	-	-
X7T	EIA	25°C	-55 to 125°C	+22%, -33%	-55 to 125°C	-	-	-	-	-	-
X7U	EIA	25°C	-55 to 125°C	+22%, -56%	-55 to 125°C	-	-	-	-	-	-
R	JIS	20°C	-55 to 125°C	±15%	-55 to 125°C	-	-	-	-	-	-
X6S	EIA	25°C	-55 to 105°C	±22%	-55 to 105°C	-	-	-	-	-	-
X6T	EIA	25°C	-55 to 105°C	+22%, -33%	-55 to 105°C	-	-	-	-	-	-
X5R	EIA	25°C	-55 to 85°C	±15%	-55 to 85°C	-	-	-	-	-	-
B	JIS	20°C	-25 to 85°C	±10%	-25 to 85°C	-	-	-	-	-	-

*1 Murata Temperature Characteristic Code.

*2 Rated Voltage 100Vdc max: 25 to 85°C

*3 -25°C (Reference Temperature 20°C) / -30°C (Reference Temperature 25°C)

Capacitance Table

(→ GRM Series Temperature Compensating Type)

p00	← Part Number List		JIS: CK CJ CH SL UJ						EIA: C0G U2J		
L×W (mm)	4.5×3.2					5.7×5.0					
T max. (mm)	1.5		2.0			1.5			2.0		
Rated Voltage (Vdc)	630	500	1000	630	500	1000	630	500	1000	630	500
Cap. / TC Code	U2J	U2J	U2J	U2J	U2J	U2J	U2J	U2J	U2J	U2J	U2J
0.10pF											
0.20pF											
0.50pF											
1.0pF											
2.0pF											
3.0pF											
4.0pF											
5.0pF											
6.0pF											
7.0pF											
8.0pF											
9.0pF											
10pF											
11pF											
12pF											
13pF											
15pF											
16pF											
17pF											
18pF											
19pF											
20pF											
21pF											
22pF											
23pF											
24pF											
27pF											
30pF											
33pF											
36pF											
39pF											
43pF											
47pF											
51pF											
56pF											
62pF											
68pF											
75pF											
82pF											
91pF											
100pF											
120pF											
150pF											
180pF											
220pF											
270pF											
330pF											
390pF											
470pF											
560pF											
680pF											
820pF											
910pF											
1000pF											
1200pF											
1500pF											
1800pF											
2200pF											
2700pF											
3300pF											
3900pF											
4700pF											
5600pF											
6800pF											
8200pF											
10000pF											
12000pF											
15000pF											
18000pF											
22000pF											
27000pF											
33000pF											
39000pF											
47000pF											
56000pF											
68000pF											
82000pF											
0.10μF											
0.12μF											

Capacitance Table

GRM Series High Dielectric Constant Type

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	0.4×0.2						0.6×0.3												1.0×0.5													
T max. (mm)	0.22						0.33												0.22													
Rated Voltage (Vdc)	16	10	6.3	4	2.5	50	35	25			16			10			6.3	4	10	6.3												
Cap. / TC Code	X7R	X7R	X5R, B	X5R, B	X6T	X5R	X6T	X7R	X5R, B	X5R	X7R, R	X6S	X5R, B	X7Δ, R	X6S	X5R, B	X7Δ, R	X5R, B	X7R, R	X6S	X5R, B	X6S	X5R, B	X6S	X5R, B							
100pF	p97	p97	p97	p97				p98	p98		p98																					
150pF	p97	p97	p97	p97				p98	p98		p98																					
220pF	p97	p97	p97	p97				p98	p98		p98																					
330pF	p97	p97	p97	p97				p98	p98		p98																					
470pF	p97	p97	p97	p97				p98	p98		p98																					
680pF		p97	p97	p97				p98	p98		p98																					
820pF		p97																														
1000pF	p97	p97	p97	p97	p97			p98	p98		p98	p98		p98																		
1500pF			p97	p97	p97			p98	p98		p98	p98		p98																		
2200pF			p97	p97	p97						p98						p99															
3300pF			p97	p97	p97						p98						p99															
4700pF			p97	p97	p97						p98						p99	p99	p99	p99	p99				p99							
6800pF			p97	p97	p97						p98						p99	p99	p99	p99	p99				p99							
10000pF			p97	p97	p97						p98						p98	p99	p99	p99	p99											
15000pF				p97			p97										p98	p99		p99	p99				p99	p99						
22000pF				p97			p97										p98	p99		p99	p99				p99	p99						
33000pF				p97			p98										p98	p99		p99	p99				p99	p99						
47000pF				p97			p98										p99	p99		p99	p99											
68000pF				p97			p98										p99	p99		p99	p99											
0.10μF				p97	p97	p98	p98			p98		p98	p98	p98	p98	p99	p99	p99	p99	p99					p99	p100	p100	p100	p100			
0.15μF																																
0.22μF																			p99			p99	p99	p99	p100	p100	p100	p100	p100			
0.33μF																																
0.47μF																													p100	p100		
0.68μF																																
1.0μF																															p100	
2.2μF																																
4.7μF																																
10μF																																
22μF																																
47μF																																
100μF																																
150μF																																
220μF																																

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	1.0×0.5																										
T max. (mm)	0.22			0.3				0.33				0.55															
Rated Voltage (Vdc)	4		2.5	50		25	16		10	10	6.3	4	100	50		35		25		16							
Cap. / TC Code	X7T	X6Δ	X5R	X7T	X7R, R	B	X7R	B	X7R	B	X5R	X5R, B	X6T	X5R, B	X6T	X7R	X7R, R	X6S	X5R, B	X6S	X5R	X7R, R	X6S	X5R, B	X7R, R		
100pF																											
150pF																											
220pF					p100	p100	p100									p100	p101	p100		p101							
330pF					p100	p100	p100									p100	p101	p100		p101							
470pF					p100	p100	p100									p100	p101	p100		p101							
680pF					p100	p100	p100									p100	p101	p100		p101							
820pF																											
1000pF					p100	p100	p100									p100	p101	p100		p101							
1500pF					p100	p100	p100									p100	p101	p100		p101							
2200pF							p100	p100								p100	p101	p100		p101			p101			p101	
3300pF									p100	p100						p100	p101	p101		p101							
4700pF									p100	p100						p100	p101	p101		p101							p102
6800pF									p100	p100							p101	p101		p101			p101				
10000pF									p100	p100							p101	p101		p101			p101	p101		p101	p102
15000pF										p100							p101			p101			p101	p101		p101	
22000pF										p100							p101			p101			p101	p101		p101	
33000pF										p100							p101	p101		p101			p101	p101		p101	
47000pF																	p101	p101		p101			p101	p101		p102	
68000pF																	p101	p101		p101			p101	p101	p101	p102	p102
0.10μF	p100	p100		p100												p101			p101			p101		p101	p102		
0.15μF																											p102
0.22μF	p100	p100		p100																p101	p101		p101	p101		p101	p102
0.33μF																											
0.47μF		p100																			p101					p101	
0.68μF																											
1.0μF		p100	p100									p100	p100	p100	p100				p101					p101	p102		
2.2μF																											
4.7μF																											
10μF																											
22μF																											
47μF																											
100μF																											
150μF																											
220μF																											

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	1.0×0.5																								
T max. (mm)	0.55										0.6						0.65				0.7				
Rated Voltage (Vdc)	16		10		6.3		4		50		35	25	16	6.3	4	2.5	25	16	10	6.3	25				
Cap. / TC Code	X6S	X5R, B	X7R	X6S	X5R, B	X7R	X6S	X5R, B	X7R	X6S	X5R	X5R	X6S	X6S	X5R, B	X5R, B	X6T	X6T	X7T	X6T	X7T	X5R	X6S	X5R	
100pF																									
150pF																									
220pF																									
330pF																									
470pF																									
680pF																									
820pF																									
1000pF																									
1500pF																									
2200pF																									
3300pF																									
4700pF																									
6800pF																									
10000pF		p102																							
15000pF																									
22000pF																									
33000pF					p102																				
47000pF																									
68000pF																									
0.10μF					p102																				
0.15μF					p102	p102																			
0.22μF		p102	p102		p102	p102		p102	p102	p102															
0.33μF					p102	p102																			
0.47μF	p102				p102	p102																			
0.68μF					p102	p102																			
1.0μF		p102	p102		p102	p102	p102		p102	p102		p102													
2.2μF					p102				p102	p102															
4.7μF																									
10μF																									
22μF																									
47μF																									
100μF																									
150μF																									
220μF																									

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

L×W (mm)	1.0×0.5										1.6×0.8													
	0.7					0.5					0.55				0.9									
T max. (mm)	0.7					0.5					0.55				0.9									
Rated Voltage (Vdc)	16	10	6.3	4	2.5	25	16	6.3	4	16	10	6.3	250	200	25	16	10	6.3						
Cap. / TC Code	X6S	X5R	X7S	X6S	X7S	X5R	X5R	X5R, B	X5R, B	X5R	X5R	X6S	X5R	X7T	X6S	X7R	X7R	X7R	X5R, B	X6S	X5R, B	X7R	X5R	X6S
100pF																								
150pF																								
220pF																								
330pF																								
470pF																								
680pF																								
820pF																								
1000pF																								
1500pF																								
2200pF																								
3300pF																								
4700pF																								
6800pF																								
10000pF																								
15000pF																								
22000pF																								
33000pF																								
47000pF																								
68000pF																								
0.10μF																								
0.15μF																								
0.22μF																								
0.33μF																								
0.47μF																								
0.68μF																								
1.0μF																								
2.2μF																								
4.7μF																								
10μF																								
22μF																								
47μF																								
100μF																								
150μF																								
220μF																								

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	1.6×0.8														2.0×1.25										
T max. (mm)	0.9		0.95				1.0								0.7	0.95									
Rated Voltage (Vdc)	6.3	4	25	16	10	50	35	25	16	10	6.3	4	16	50	35	25									
Cap. / TC Code	X5R, B	X5R	X5R	X6S	X5R, B	X7S	X5R, B	X5R	X6S	X5R	X7S	X6S	X5R	X7S	X6S	X7T	X7T	X5R, B	X6S	X5R, B	X6S	X5R, B	X6S	X5R	X7R
100pF																									
150pF																									
220pF																									
330pF																									
470pF																									
680pF																									
820pF																									
1000pF																									
1500pF																									
2200pF																									
3300pF																									
4700pF																									
6800pF																									
10000pF																									
15000pF																									
22000pF																									
33000pF																									
47000pF																									
68000pF																									
0.10μF																									
0.15μF																									
0.22μF																									
0.33μF																									
0.47μF																									
0.68μF																									
1.0μF																									
2.2μF																									
4.7μF																									
10μF																									
22μF																									
47μF																									
100μF																									
150μF																									
220μF																									

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	2.0×1.25																										
T max. (mm)	0.95						1.0						1.35		1.4												
Rated Voltage (Vdc)	25	16	10	6.3	4	2.5	500	250	200	35	25	16	25	16	50	25											
Cap. / TC Code	X6S	X5R, B	X7R	X5R, B	X7Δ	X5R, B	X6S	X5R, B	X6S	X5R	X6T	X7R	X7R	X7R	X6S	X7S	X6S	X7S	X5R	X6S	X5R, B	X7R	X5R, B	X5R, B	X7R		
100pF																											
150pF																											
220pF																											
330pF																											
470pF																											
680pF																											
820pF																											
1000pF																											
1500pF																											
2200pF																											
3300pF																											
4700pF																											
6800pF																											
10000pF																											
15000pF																											
22000pF																											
33000pF																											
47000pF																											
68000pF																											
0.10μF																											
0.15μF																											
0.22μF																											
0.33μF																											
0.47μF																											
0.68μF																											
1.0μF																											
2.2μF	p104	p104	p104	p104	p104																						
4.7μF		p104		p104	p104	p104																					
10μF		p104	p104		p104																						
22μF						p104	p104																				
47μF																											
100μF																											
150μF																											
220μF																											

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	2.0×1.25																											
T max. (mm)	1.4										1.45																	
Rated Voltage (Vdc)	25	16	10	6.3	4	500	250	200	50	35	25	16	10	6.3	25	16	10	6.3	4	500	250	200	50	35	25	16	10	6.3
Cap. / TC Code	X5R, B	X6S	B	X7R	X6S	X7U	X6S	X7R	X7R	X7R	X7S	X6S	X7S	X6S	X5R	X7S	X6S	X5R	X7S	X6S	X5R	X7S	X6S	X5R	X7T	X6S	X5R	X7T
100pF																												
150pF																												
220pF																												
330pF																												
470pF																												
680pF																												
820pF																												
1000pF																												
1500pF																												
2200pF																												
3300pF																												
4700pF																												
6800pF																												
10000pF																												
15000pF																												
22000pF																												
33000pF																												
47000pF																												
68000pF																												
0.10μF																												
0.15μF																												
0.22μF																												
0.33μF																												
0.47μF																												
0.68μF																												
1.0μF																												
2.2μF																												
4.7μF																												
10μF	p105	p105	p105	p105																								
22μF			p105	p105	p105	p105																						
47μF																												
100μF																												
150μF																												
220μF																												

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List	JIS: R B		EIA: X7R X7S X7T X7U X6S X6T X5R																				
	L×W (mm)	2.0×1.25						3.2×1.6															
T max. (mm)	1.45				0.95				1.0	1.25						1.8							
Rated Voltage (Vdc)	6.3	4	2.5	35	16	10	6.3	630	1000	630	500	250	200	50	25	1000	630	500	250	200	100	50	
Cap. / TC Code	X5R, B	X6S	X5R, B	X6S	X5R	X5R, B	X5R, B	X6S	X5R, B	X7R	X7R	X7R	X7R	X7R	B	X5R	X7R	X7R	X7R	X7R	X7R	X7R	X5R, B
100pF																							
150pF																							
220pF																							
330pF																							
470pF																							
680pF																							
820pF																							
1000pF																							
1500pF																							
2200pF																							
3300pF																							
4700pF																							
6800pF																							
10000pF																							
15000pF																							
22000pF																							
33000pF																							
47000pF																							
68000pF																							
0.10μF																							
0.15μF																							
0.22μF																							
0.33μF																							
0.47μF																							
0.68μF																							
1.0μF																							
2.2μF																							
4.7μF																							
10μF																							
22μF																							
47μF																							
100μF																							
150μF																							
220μF																							

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	3.2×1.6																				3.2×2.5				
T max. (mm)	1.8										1.9										1.5				
Rated Voltage (Vdc)	25		16		10		6.3		4		25		16		10		6.3		4		2.5		1000	630	
Cap. / TC Code	X7R	X5R, B	X6S	X5R, B	X7R	X5R, B	X7Δ	X6S	X5R, B	X7U	X6S	X6S	X7S	X5R	X6S	X5R	X6T	X5R	X7U	X6Δ	X5R	X6S	X5R	X7R	X7R
100pF																									
150pF																									
220pF																									
330pF																									
470pF																									
680pF																									
820pF																									
1000pF																									
1500pF																									
2200pF																									
3300pF																									
4700pF																									
6800pF																									p106
10000pF																									p106
15000pF																									
22000pF																									p106
33000pF																									
47000pF																									
68000pF																									
0.10μF																									
0.15μF																									
0.22μF																									
0.33μF																									
0.47μF																									
0.68μF																									
1.0μF																									
2.2μF																									
4.7μF																									
10μF	p106	p106																							
22μF	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	
47μF					p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	p106	
100μF																	p106	p106	p106	p106	p106	p106	p106	p106	
150μF																		p106	p106	p106	p106	p106	p106	p106	
220μF																				p106	p106	p106	p106	p106	p106

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00 ← Part Number List JIS: R B EIA: X7R X7S X7T X7U X6S X6T X5R

L×W (mm)	3.2×2.5																								
T max. (mm)	1.5			1.8	2.0					2.2		2.7													
Rated Voltage (Vdc)	500	250	200	100	1000	630	500	250	200	100	25	100	80	63	50	35	25	16		10					
Cap. / TC Code	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7R	X5R,B	X7R	X5R,B	X7R	X5R,B	X7R	X6S	X5R,B	X7R	X5R,B
100pF																									
150pF																									
220pF																									
330pF																									
470pF																									
680pF																									
820pF																									
1000pF																									
1500pF																									
2200pF																									
3300pF																									
4700pF																									
6800pF																									
10000pF																									
15000pF																									
22000pF																									
33000pF																									
47000pF																									
68000pF																									
100000pF																									
150000pF																									
220000pF																									
330000pF																									
470000pF																									
680000pF																									
1000000pF																									
1500000pF																									
2200000pF																									
3300000pF																									
4700000pF																									
6800000pF																									
10000000pF																									
15000000pF																									
22000000pF																									
33000000pF																									
47000000pF																									
68000000pF																									
100000000pF																									
150000000pF																									
220000000pF																									

Continued on the following page. ↗

Capacitance Table

(→ GRM Series High Dielectric Constant Type)

p00	← Part Number List			JIS: R B	EIA: X7R X7S X7T X7U X6S X6T X5R											
L×W (mm)	3.2×2.5			4.5×3.2								5.7×5.0				
T max. (mm)	2.7			1.5				2.0				2.0				
Rated Voltage (Vdc)	6.3	4	630	500	250	200	1000	630	500	250	200	1000	630	500	250	200
Cap. / TC Code	X7Δ	X5R, B	X7U	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R
100pF																
150pF																
220pF																
330pF																
470pF																
680pF																
820pF																
1000pF																
1500pF																
2200pF																
3300pF																
4700pF																
6800pF																
10000pF																
15000pF																
22000pF																
33000pF																
47000pF																
68000pF																
0.10μF																
0.15μF																
0.22μF																
0.33μF																
0.47μF																
0.68μF																
1.0μF																
2.2μF																
4.7μF																
10μF																
22μF																
47μF																
100μF																
150μF																
220μF																

Capacitance Table

GR3 Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7T

L×W (mm)	2.0×1.25		3.2×1.6						3.2×2.5				4.5×3.2			5.7×5.0				
	1.0	1.45	1.0		1.25		1.8		1.5		2.0		1.5	2.0		2.0		2.7		
T max. (mm)	1.0	1.45	450	250	630	450	250	630	450	250	630	250	630	450	250	630	450	250	630	250
Rated Voltage (Vdc)	250	250	450	250	630	450	250	630	450	250	630	250	630	450	250	630	450	250	630	250
Cap. / TC Code	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T
10000pF	p110		p110		p110															
15000pF	p110		p110				p110													
22000pF		p110			p110				p110											
33000pF			p110		p110						p110									
47000pF					p110		p110				p110									
68000pF							p110				p110				p110					
0.10μF									p110		p110						p110			
0.15μF												p110			p110		p110			
0.22μF													p110				p110		p110	
0.33μF															p110		p110			
0.47μF																p110	p110			
0.68μF																	p110			
1.0μF																				p110

Capacitance Table

GRJ Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R X7S X5R

L×W (mm)	1.6×0.8						2.0×1.25										3.2×1.6						
T max. (mm)	0.9						1.0	0.7	0.95	1.0	1.45						1.5	0.95	1.25				
Rated Voltage (Vdc)	100	50	35	25	16	6.3	6.3	100	50	100	250	250	100	50	25	16	10	100	100	50	1000	630	
Cap. / TC Code	X7R	X7R	X5R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	
220pF										p121													
470pF									p121	p121													p122
680pF																							p122
1000pF	p121	p121						p121	p121		p121												p122 p122
1500pF											p121												p122 p122
2200pF	p121	p121						p121	p121		p121												p122 p122
3300pF											p121												p122 p122
4700pF	p121	p121						p121	p121		p121												p122 p122
6800pF											p121												p122
10000pF	p121	p121						p121	p121			p121											p122
15000pF												p121											
22000pF	p121	p121						p121	p121			p121											
33000pF																							
47000pF		p121			p121									p121	p121								
68000pF																							
0.10μF	p121	p121													p121	p121					p122	p122	
0.15μF																							
0.22μF		p121			p121												p121						
0.33μF																							
0.47μF						p121											p121						
0.68μF																							
1.0μF			p121	p121														p121	p121			p121	
2.2μF						p121																	
4.7μF							p121																
10μF																							
22μF																							
47μF																							

L×W (mm)	3.2×2.5						4.5×3.2						5.7×5.0		
T max. (mm)	2.8						2.85	1.5	2.0			2.0			
Rated Voltage (Vdc)	50	25	16	10	6.3	25	630	250	1000	630	250	1000	630	250	
Cap. / TC Code	X7R	X7S	X7R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7R	X7R	X7R	
33000pF												p123			
47000pF												p123			
68000pF								p123					p123		
0.10μF												p123		p123	
0.15μF										p123				p123	
0.22μF													p123	p123	
0.33μF														p123	
0.47μF														p123	
0.68μF														p123	
1.0μF														p123	
2.2μF															
4.7μF	p122														
10μF	p122	p122	p122												
22μF				p122	p122		p122								
47μF					p122	p122									

3.2×1.6														3.2×2.5						L×W (mm)			
1.25		1.35				1.8			1.9					1.5			2.0			2.3	T max. (mm)		
250	100	50	25	16	1000	630	250	100	50	25	16	10	6.3	1000	630	250	1000	630	250	100		Rated Voltage (Vdc)	
X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7S	Cap. / TC Code
																							220pF
																							470pF
																							680pF
																							1000pF
																							1500pF
																							2200pF
																							3300pF
																							4700pF
						p122																	6800pF
					p122																		10000pF
	p122						p122																15000pF
	p122						p122																22000pF
																							33000pF
																							47000pF
	p122																						68000pF
																							0.10μF
																							0.15μF
																							0.22μF
																							0.33μF
																							0.47μF
																							0.68μF
																							1.0μF
																							2.2μF
																							4.7μF
																							10μF
																							22μF
																							47μF

Continued to the following table. ↗

Capacitance Table

GR4 Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R

L×W (mm)	0.4×0.2	4.5×3.2		5.7×5.0
T max. (mm)	1.5	1.5	2.0	2.0
Rated Voltage (Vdc)	2000	2000	2000	2000
Cap. / TC Code	X7R	X7R	X7R	X7R
100pF	p126			
120pF	p126			
150pF	p126			
180pF	p126			
220pF	p126			
270pF	p126			
330pF	p126			
390pF	p126			
470pF	p126			
560pF	p126			
680pF	p126			
820pF	p126			
1000pF	p126			
1200pF	p126			
1500pF	p126			
1800pF		p126		
2200pF		p126		
2700pF		p126		
3300pF		p126		
3900pF		p126		
4700pF			p126	
10000pF				p126

GR7 Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7T

L×W (mm)	2.0×1.25		3.2×1.6		
T max. (mm)	1.0	1.45	1.0	1.25	1.8
Rated Voltage (Vdc)	350	350	350	350	350
Cap. / TC Code	X7T	X7T	X7T	X7T	X7T
10000pF	p131		p131		
15000pF	p131		p131		
22000pF		p131	p131	p131	
27000pF		p131	p131		
33000pF			p131	p131	
47000pF					p131

GJM Series Temperature Compensating Type

p00 ← Part Number List JIS: CK CJ CH EIA: COG

L×W (mm)	0.4×0.2		0.6×0.3				1.0×0.5			
T max. (mm)	0.22		0.33				0.55			
Rated Voltage (Vdc)	25		50		25		50			
Cap. / TC Code	COG	CΔ	COG	CK	CJ	CH	COG	CΔ	COG	CΔ
0.10pF									p149	p153
0.20pF	p136	p139	p142	p142		p142			p149	p153
1.0pF	p136	p139		p142			p143	p146	p149	p153
2.0pF	p136	p139		p142			p143	p146	p149	p153
3.0pF	p136	p139			p142		p143	p146	p150	p153
4.0pF	p137	p140					p143	p147	p150	p154
5.0pF	p137	p140					p144	p147	p150	p154
6.0pF	p137	p140					p144	p147	p151	p154
7.0pF	p138	p141					p144	p148	p151	p155
8.0pF	p138	p141					p145	p148	p151	p155
9.0pF	p138	p142					p145	p148	p152	p155
10pF	p139	p142					p146	p149	p152	p156
11pF	p139	p142					p146	p149	p152	p156
12pF	p139	p142					p146	p149	p152	p156
13pF	p139	p142					p146	p149	p152	p156
15pF	p139	p142					p146	p149	p152	p156
16pF	p139	p142					p146	p149	p152	p156
18pF	p139	p142					p146	p149	p152	p156
20pF	p139	p142					p146	p149	p152	p156
22pF	p139	p142					p146	p149	p152	p156
24pF							p146	p149	p152	p156
27pF							p146	p149	p152	p156
30pF							p146	p149	p152	p156
33pF							p146	p149	p152	p156
36pF									p152	p156
39pF									p152	p156
43pF									p152	p156
47pF									p153	p156

The indication for every 0.1 pF has been omitted for less than 10 pF. Refer to the Part Number List for details.

Capacitance Table

GQM Series Temperature Compensating Type

p00 ← Part Number List EIA: COG Murata Temperature Characteristic: X8G

L×W (mm)	1.0×0.5		1.6×0.8		2.0×1.25		2.8×2.8
T max. (mm)	0.55		0.8		1.0		1.35
Rated Voltage (Vdc)	200	100	250	500	250	500	
Cap. / TC Code	COG	COG	COG	X8G	X8G	COG	X8G
0.10pF	p165						
1.0pF	p165		p166	p166	p167	p168	p169
1.1pF	p165		p166	p166	p167	p168	p169
1.2pF	p165		p166	p167	p167	p168	p169
1.3pF	p165		p166	p167	p167	p168	p169
1.5pF	p165		p166	p167	p167	p168	p169
1.6pF	p165		p166	p167	p167	p168	p169
1.8pF	p165		p166	p167	p167	p168	p169
2.0pF	p165		p166	p167	p167	p168	p169
2.2pF	p165		p166	p167	p167	p168	p169
2.4pF	p165		p166	p167	p167	p168	p169
2.7pF	p165		p166	p167	p167	p168	p169
3.0pF	p165		p166	p167	p168	p168	p169
3.3pF	p165		p166	p167	p168	p168	p169
3.6pF	p165		p166	p167	p168	p168	p169
3.9pF	p165		p166	p167	p168	p168	p169
4.0pF	p165		p166	p167	p168	p168	p169
4.3pF	p165		p166	p167	p168	p168	p169
4.7pF	p165		p166	p167	p168	p168	p169
5.0pF	p165		p166	p167	p168	p168	p169
5.1pF	p165		p166	p167	p168	p168	p169
5.6pF	p165		p166	p167	p168	p168	p169
6.0pF	p165		p166	p167	p168	p168	p169
6.2pF	p165		p166	p167	p168	p168	p169
6.8pF	p165		p166	p167	p168	p168	p169
7.0pF	p165		p166	p167	p168	p168	p169
7.5pF	p165		p166	p167	p168	p168	p170
8.0pF	p165		p166	p167	p168	p169	p170
8.2pF	p165		p166	p167	p168	p169	p170
9.0pF	p165		p166	p167	p168	p169	p170
9.1pF	p165		p166	p167	p168	p169	p170
10pF	p165		p166	p167	p168	p169	p170
11pF	p165		p166	p167	p168	p169	p170
12pF	p165		p166	p167	p168	p169	p170
13pF	p165		p166	p167	p168	p169	p170
15pF	p165		p166	p167	p168	p169	p170
16pF	p165		p166	p167	p168	p169	p170
18pF	p165		p166	p167	p168	p169	p170
20pF	p165		p166	p167	p168	p169	p170
22pF	p165		p166	p167	p168	p169	p170
24pF	p165		p166	p167		p169	p170
27pF	p165		p166	p167		p169	p170
30pF	p165		p166	p167		p169	p170
33pF	p165		p166			p169	p170
36pF		p165	p166			p169	p170
39pF		p166	p166			p169	p170
43pF		p166	p166			p169	p170
47pF		p166	p166			p169	p170
51pF						p169	p170
56pF						p169	p170
62pF						p169	p170
68pF						p169	p170
75pF						p169	p170
82pF						p169	p170
91pF						p169	p171
100pF						p169	p171

The indication for every 0.1 pF has been omitted for less than 10 pF.
 Refer to the Part Number List for details.

Capacitance Table

GR2 Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R

L×W (mm)	4.5×2.0	4.5×3.2		5.7×5.0
T max. (mm)	1.5	1.5	2.0	2.0
Rated Voltage (Vac)	250	250	250	250
Cap. / TC Code	X7R	X7R	X7R	X7R
470pF	p185			
1000pF	p185			
2200pF		p185		
3300pF		p185		
4700pF			p185	
10000pF		p185		
22000pF		p185		
47000pF			p185	
0.10μF				p185

GA3 Series Type GD Temperature Compensating Type

p00 ← Part Number List JIS: SL

L×W (mm)	4.5×2.0
T max. (mm)	1.0
Rated Voltage (Vac)	250
Cap. / TC Code	SL
10pF	p197
12pF	p197
15pF	p197
18pF	p197
22pF	p197
27pF	p197
33pF	p197
39pF	p197
47pF	p197
56pF	p197
68pF	p197
82pF	p197

GA3 Series Type GB High Dielectric Constant Type

p00 ← Part Number List EIA: X7R

L×W (mm)	5.7×5.0			
T max. (mm)	1.5	2.0	2.5	2.9
Rated Voltage (Vac)	250	250	250	250
Cap. / TC Code	X7R	X7R	X7R	X7R
10000pF	p191			
15000pF	p191			
22000pF		p191		
33000pF			p191	
47000pF			p191	
56000pF				p191

GA3 Series Type GD High Dielectric Constant Type

p00 ← Part Number List EIA: X7R

L×W (mm)	4.5×2.0	4.5×3.2	
T max. (mm)	1.5	1.5	2.0
Rated Voltage (Vac)	250	250	250
Cap. / TC Code	X7R	X7R	X7R
100pF	p198		
150pF	p198		
220pF	p198		
330pF	p198		
470pF	p198		
680pF	p198		
1000pF	p198		
1500pF	p198		
1800pF		p198	
2200pF		p198	
4700pF			p198

Capacitance Table

GA3 Series Type GF Temperature Compensating Type

p00 ← Part Number List JIS: SL

L×W (mm)	4.5×2.0
T max. (mm)	1.0
Rated Voltage (Vac)	250
Cap. / TC Code	SL
10pF	p209
12pF	p209
15pF	p209
18pF	p209
22pF	p209
27pF	p209
33pF	p209
39pF	p209
47pF	p209
56pF	p209
68pF	p209
82pF	p209

GA3 Series Type GF High Dielectric Constant Type

p00 ← Part Number List EIA: X7R

L×W (mm)	4.5×2.0		5.7×2.8		5.7×5.0	
T max. (mm)	1.5	2.2	1.5	1.5	2.0	2.0
Rated Voltage (Vac)	250	250	250	250	250	250
Cap. / TC Code	X7R	X7R	X7R	X7R	X7R	X7R
100pF	p210		p210			
150pF	p210		p210			
220pF		p210	p210			
330pF		p210	p210			
470pF	p210		p210			
680pF	p210		p210			
1000pF		p210	p210			
1500pF			p210			
1800pF				p210		
2200pF				p210		
3300pF				p210		
4700pF					p210	

Capacitance Table

LLL Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R X7S X6S X5R

L×W (mm)	0.5×1.0			0.6×1.0	0.8×1.6									1.25×2.0									
T max. (mm)	0.35			0.45	0.5			0.55	0.6					0.5				0.7					
Rated Voltage (Vdc)	6.3	4		4	25	16	10	4	4	50	25	16	10	4	50	25	16	10	6.3	4	50	25	
Cap. / TC Code	X6S	X7S	X6S	X5R	X7R	X7R	X7R	X7S	X7S	X7R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7R	X7S	X7R	X7R	
2200pF										p220													
4700pF										p220													
10000pF					p220										p220								p220
22000pF						p220									p220								p220
47000pF							p220										p220						p220
0.10μF	p220							p220															p220
0.22μF	p220								p220														
0.47μF		p220																					
1.0μF			p220																				
2.2μF									p220														
4.3μF					p220																		
4.7μF																							
10μF																							

Continued to the following table. ↗

L×W (mm)	1.25×2.0				1.6×3.2														
T max. (mm)	0.7		0.95		0.5				0.8						1.25				
Rated Voltage (Vdc)	10	16	10	4	50	25	16	10	50	25	16	10	6.3	50	25	16	10	6.3	
Cap. / TC Code	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X5R
2200pF																			
4700pF																			
10000pF					p220														
22000pF					p220														
47000pF						p220													
0.10μF							p220												
0.22μF	p220	p220						p220											
0.47μF			p220						p220										
1.0μF				p220															
2.2μF					p220														
4.3μF																			
4.7μF																			
10μF																			

LLA Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R X7S

L×W (mm)	1.6×0.8	2.0×1.25										
T max. (mm)	0.55	0.55					0.95					
Rated Voltage (Vdc)	4	25	16	10	6.3	4	25	16	10	6.3	4	
Cap. / TC Code	X7S	X7R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7S	
10000pF		p223									p223	
22000pF		p223									p223	
47000pF			p223								p223	
0.10μF	p223			p223							p223	
0.22μF	p223				p223						p223	
0.47μF	p223					p223					p223	
1.0μF							p223					p223
2.2μF	p223											p223
4.7μF							p223					

Capacitance Table

LLM Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R X7S

L×W (mm)	2.0×1.25	
T max. (mm)	0.55	
Rated Voltage (Vdc)	6.3	4
Cap. / TC Code	X7R	X7S
0.22μF	p229	
0.47μF	p229	
1.0μF		p229

LLR Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7S

L×W (mm)	0.8×1.6			
T max. (mm)	0.55			
Rated Voltage (Vdc)	4			
TC Code	X7S			
Cap. / ESR (mΩ)	100	220	470	1000
1.0μF	p233	p233	p233	p233

NFM Series

p00 ← Part Number List

L×W (mm)	1.0×0.5								1.6×0.8				2.0×1.25					3.2×1.25	3.2×1.6			4.5×1.6		
	0.35		0.5				0.65	0.7	0.7		0.9		0.95					0.9	1.5			1.2		
Rated Voltage (Vdc)	6.3	4	16	10	6.3	2.5	2.5	2.5	16	6.3	10	6.3	50	25	16	10	6.3	50	100	50	6.3	100	50	25
Cap. / TC Code	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100pF									p237															
220pF									p237				p237						p237					
470pF									p237				p237						p237					p237
1000pF									p237				p237						p237					p237
2200pF			p237	p237					p237				p237						p237					p237
10000pF																			p237	p237				
15000pF																			p237	p237				
22000pF			p237	p237					p237				p237						p237	p237	p237			p237
47000pF			p237	p237																				
0.10μF				p237	p237				p237						p237				p237	p237				
0.20μF																								
0.22μF				p237	p237										p237									
0.47μF	p237	p237																						
1.0μF		p237																						
1.5μF																								p237 p237
2.2μF																								
4.3μF						p237																		
4.7μF																								p237
7.5μF								p237																
9.1μF									p237															
10μF																								p237
27μF																								p237

Capacitance Table

KRM Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7R X7S X6S X5R

L×W (mm)	2.2×1.25					3.5×1.7					3.6×1.7	3.7×1.85	6.1×5.3												
T max. (mm)	1.9		2.0			2.0		2.9			2.9		2.9		3.0										3.9
Rated Voltage (Vdc)	25	16	25			25	100	50	35	25	50	100	1000	630	450	250	100	63	50	35	25	100			
Cap. / TC Code	X5R	X5R	X7S	X6S	X5R	X5R	X7R	X7R	X6S	X6S	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R		
68000pF																									
0.10μF																									
0.15μF																									
0.22μF																									
0.33μF																									
0.47μF																									
0.68μF																									
1.0μF																									
1.5μF																									
2.2μF																									
4.7μF																									
6.8μF																									
10μF																									
15μF																									
17μF																									
22μF																									
33μF																									
47μF																									
68μF																									
100μF																									

Continued to the following table. ↗

L×W (mm)	6.1×5.3																	
T max. (mm)	3.9					5.0							6.7					
Rated Voltage (Vdc)	63	50	35	25	1000	630	450	250	100	50	35	25	100	63	50	35	25	
Cap. / TC Code	X7R	X7R	X7R	X7R	X7S	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7R	X7S
68000pF																		
0.10μF																		
0.15μF																		
0.22μF																		
0.33μF																		
0.47μF																		
0.68μF																		
1.0μF																		
1.5μF																		
2.2μF																		
4.7μF																		
6.8μF																		
10μF																		
15μF																		
17μF																		
22μF																		
33μF																		
47μF																		
68μF																		
100μF																		

Capacitance Table

KR3 Series High Dielectric Constant Type

p00 ← Part Number List EIA: X7T

L×W (mm)	6.1×5.3										
T max. (mm)	3.0			3.9			5.0		6.7		
Rated Voltage (Vdc)	630	450	250	630	450	250	450	250	630	450	250
Cap. / TC Code	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T	X7T
0.10μF	p245										
0.15μF	p245										
0.22μF		p245		p245							
0.27μF				p245							
0.33μF		p245									
0.47μF		p245	p245						p245		
0.56μF					p245				p245		
0.68μF			p245				p245				
1.0μF						p245	p245				
1.2μF										p245	
1.5μF								p245			
2.2μF											p245

GMA Series High Dielectric Constant Type

p00 ← Part Number List JIS: R B EIA: X7R X5R

L×W (mm)	0.38×0.38			0.5×0.5						0.8×0.8									
T max. (mm)	0.35			0.4						0.6									
Rated Voltage (Vdc)	10			100	25	10			6.3	100	25	10			6.3				
Cap. / TC Code	X7R	R	B	X7R	X7R	B	X7R	R	B	X5R	B	X7R	X7R	B	X7R	R	B	X5R	B
100pF				p251															
150pF				p251															
220pF				p251															
330pF				p251															
470pF				p251															
680pF				p251															
1000pF	p251	p251	p251	p251															
1500pF	p251	p251	p251		p251	p251						p251							
1800pF	p251	p251	p251																
2200pF					p251	p251						p251							
3300pF					p251	p251						p251							
4700pF					p251	p251						p251							
6800pF							p251	p251	p251			p251							
10000pF	p251	p251					p251	p251	p251				p251	p251					
15000pF							p251	p251	p251				p251	p251					
22000pF							p251	p251	p251				p251	p251					
33000pF															p251	p251	p251		
47000pF															p251	p251	p251		
68000pF															p251	p251	p251		
0.10μF												p251	p251						
0.47μF																			p251 p251

Capacitance Table

GMD Series High Dielectric Constant Type

p00 ← Part Number List JIS: R B EIA: X7R X5R

L×W (mm)	0.6×0.3										1.0×0.5											
T max. (mm)	0.33										0.55											
Rated Voltage (Vdc)	25			16			10			6.3		50			25			16			10	
Cap. / TC Code	X7R	R	B	X7R	R	B	X7R	R	B	X5R	B	X7R	R	B	X7R	R	B	X7R	R	B	X5R	B
100pF	p257	p257	p257																			
120pF	p257	p257	p257																			
150pF	p257	p257	p257																			
180pF	p257	p257	p257																			
220pF	p257	p257	p257									p257	p257	p258								
270pF	p257	p257	p257									p257	p258	p258								
330pF	p257	p257	p257									p257	p258	p258								
390pF	p257	p257	p257									p257	p258	p258								
470pF	p257	p257	p257									p257	p258	p258								
560pF	p257	p257	p257									p257	p258	p258								
680pF	p257	p257	p257									p257	p258	p258								
820pF	p257	p257	p257									p257	p258	p258								
1000pF	p257	p257	p257									p257	p258	p258								
1200pF	p257	p257	p257									p257	p258	p258								
1500pF	p257	p257	p257									p257	p258	p258								
1800pF				p257	p257	p257						p257	p258	p258								
2200pF				p257	p257	p257						p257	p258	p258								
2700pF				p257	p257	p257						p257	p258	p258								
3300pF				p257	p257	p257						p257	p258	p258								
3900pF							p257	p257	p257			p257	p258	p258								
4700pF							p257	p257	p257			p257	p258	p258								
5600pF							p257	p257	p257						p258	p258	p258					
6800pF							p257	p257	p257						p258	p258	p258					
8200pF							p257	p257	p257						p258	p258	p258					
10000pF							p257	p257	p257						p258	p258	p258					
12000pF															p258	p258	p258					
15000pF															p258	p258	p258					
18000pF															p258	p258	p258					
22000pF															p258	p258	p258					
27000pF															p258	p258	p258					
33000pF															p258	p258	p258					
39000pF															p258	p258	p258					
47000pF															p258	p258	p258					
56000pF										p257	p257							p258	p258	p258		
68000pF										p257	p257							p258	p258	p258		
82000pF										p257	p257							p258	p258	p258		
0.10μF										p257	p257							p258	p258	p258		
0.12μF																					p258	p258
0.15μF																					p258	p258
0.18μF																					p258	p258
0.22μF																					p258	p258
0.27μF																					p258	p258
0.33μF																					p258	p258
0.39μF																					p258	p258
0.47μF																					p258	p258

Search Capacitors

Specifications and Test Methods, Package, Chart of Characteristic Data, please refer to the search web page.
<https://www.murata.com/en-global/products/capacitor>

Links are provided to the product detail pages on the web, and are shown below in the product number table from the PDF version of the catalog which is available on the web.

GRM Series Temperature Compensating

0.4x0.2mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	COG	0.20pF	±0.05pF	GRM0225C1HR20WA03#
				±0.1pF	GRM0225C1HR20BA03#
			0.30pF	±0.05pF	GRM0225C1HR30WA03#
				±0.1pF	GRM0225C1HR30BA03#
			0.40pF	±0.05pF	GRM0225C1HR40WA03#
				±0.1pF	GRM0225C1HR40BA03#
			0.50pF	±0.05pF	GRM0225C1HR50WA03#
				±0.1pF	GRM0225C1HR50BA03#



Status and Features Icons

The status and features of products can be checked at once. When ? is clicked, a description of each icon will be displayed

Stock Check (Where to buy)

Some products can request free samples. Reference inventory information from agents and web-based companies.

Data Sheet

The product details page can be output in PDF.

How to read part numbers

Describes the meaning of the part number

Series Information

This links to the introduction page of each series.

Detailed Specifications Sheet

- Rated value
- Specifications and Test Methods
- Package
- Caution, Notice (Storage, Soldering and Mounting,etc.)

Characteristics Data

The following characteristics data of the main products can be acquired.

- SPICE Netlist (mod type)
- S parameter (S2P type)
- Reliability Test Data *Typical data

- Shape (Dimensions)
- Rated Values

- Specification by Packaging Code/ Minimum Order Quantity
- Weight (1 pc/ø180mm reel)

Chart of Characteristic Data

The main products published characteristic data.

- Frequency characteristics (ESR, Impedance)
- DC bias characteristics
- AC voltage characteristics
- Capacitance - temperature characteristics
- Calorific property by ripple current

Design Tools SimSurfing

The SimSurfing design tools are useful for displaying the graph, downloading CSV data and overwriting the product number graph.

Chip Multilayer Ceramic Capacitors for General Purpose

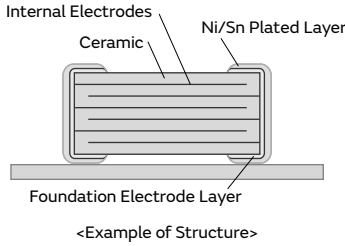
GRM Series



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.



"Thin Layer Technology" for thinner layers

"Fine Particle Technology" for finer particles

"High Precision Lamination Technology" for more accuracy

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

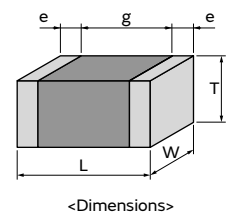
③ High reliability with no polarity.

	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



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
- GR3
- GRJ
- GR4
- GR7
- GJM
- GQM
- GA2
- GA3 GB
- GA3 GD
- GA3 GF
- LLL
- LLA
- LLM
- LLR
- NFM
- KRM
- KR3
- GMA
- GMD
- △Caution /Notice

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	0.20pF	±0.05pF	GRM0225C1HR20WA03#
				±0.1pF	GRM0225C1HR20BA03#
			0.30pF	±0.05pF	GRM0225C1HR30WA03#
				±0.1pF	GRM0225C1HR30BA03#
			0.40pF	±0.05pF	GRM0225C1HR40WA03#
				±0.1pF	GRM0225C1HR40BA03#
			0.50pF	±0.05pF	GRM0225C1HR50WA03#
				±0.1pF	GRM0225C1HR50BA03#
			0.60pF	±0.05pF	GRM0225C1HR60WA03#
				±0.1pF	GRM0225C1HR60BA03#
			0.70pF	±0.05pF	GRM0225C1HR70WA03#
				±0.1pF	GRM0225C1HR70BA03#
			0.80pF	±0.05pF	GRM0225C1HR80WA03#
				±0.1pF	GRM0225C1HR80BA03#
			0.90pF	±0.05pF	GRM0225C1HR90WA03#
				±0.1pF	GRM0225C1HR90BA03#
			1.0pF	±0.05pF	GRM0225C1H1R0WA03#
				±0.1pF	GRM0225C1H1R0BA03#
				±0.25pF	GRM0225C1H1R0CA03#
			1.1pF	±0.05pF	GRM0225C1H1R1WA03#
				±0.1pF	GRM0225C1H1R1BA03#
				±0.25pF	GRM0225C1H1R1CA03#
			1.2pF	±0.05pF	GRM0225C1H1R2WA03#
				±0.1pF	GRM0225C1H1R2BA03#
				±0.25pF	GRM0225C1H1R2CA03#
			1.3pF	±0.05pF	GRM0225C1H1R3WA03#
				±0.1pF	GRM0225C1H1R3BA03#
				±0.25pF	GRM0225C1H1R3CA03#
			1.4pF	±0.05pF	GRM0225C1H1R4WA03#
				±0.1pF	GRM0225C1H1R4BA03#
				±0.25pF	GRM0225C1H1R4CA03#
			1.5pF	±0.05pF	GRM0225C1H1R5WA03#
				±0.1pF	GRM0225C1H1R5BA03#
				±0.25pF	GRM0225C1H1R5CA03#
			1.6pF	±0.05pF	GRM0225C1H1R6WA03#
				±0.1pF	GRM0225C1H1R6BA03#
				±0.25pF	GRM0225C1H1R6CA03#
			1.7pF	±0.05pF	GRM0225C1H1R7WA03#
				±0.1pF	GRM0225C1H1R7BA03#
				±0.25pF	GRM0225C1H1R7CA03#
			1.8pF	±0.05pF	GRM0225C1H1R8WA03#
				±0.1pF	GRM0225C1H1R8BA03#
				±0.25pF	GRM0225C1H1R8CA03#
			1.9pF	±0.05pF	GRM0225C1H1R9WA03#
				±0.1pF	GRM0225C1H1R9BA03#
				±0.25pF	GRM0225C1H1R9CA03#
			2.0pF	±0.05pF	GRM0225C1H2R0WA03#
				±0.1pF	GRM0225C1H2R0BA03#
±0.25pF	GRM0225C1H2R0CA03#				
2.1pF	±0.05pF	GRM0225C1H2R1WA03#			
	±0.1pF	GRM0225C1H2R1BA03#			
	±0.25pF	GRM0225C1H2R1CA03#			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	COG	2.2pF	±0.05pF	GRM0225C1H2R2WA03#
				±0.1pF	GRM0225C1H2R2BA03#
				±0.25pF	GRM0225C1H2R2CA03#
			2.3pF	±0.05pF	GRM0225C1H2R3WA03#
				±0.1pF	GRM0225C1H2R3BA03#
				±0.25pF	GRM0225C1H2R3CA03#
			2.4pF	±0.05pF	GRM0225C1H2R4WA03#
				±0.1pF	GRM0225C1H2R4BA03#
				±0.25pF	GRM0225C1H2R4CA03#
			2.5pF	±0.05pF	GRM0225C1H2R5WA03#
				±0.1pF	GRM0225C1H2R5BA03#
				±0.25pF	GRM0225C1H2R5CA03#
			2.6pF	±0.05pF	GRM0225C1H2R6WA03#
				±0.1pF	GRM0225C1H2R6BA03#
				±0.25pF	GRM0225C1H2R6CA03#
			2.7pF	±0.05pF	GRM0225C1H2R7WA03#
				±0.1pF	GRM0225C1H2R7BA03#
				±0.25pF	GRM0225C1H2R7CA03#
			2.8pF	±0.05pF	GRM0225C1H2R8WA03#
				±0.1pF	GRM0225C1H2R8BA03#
				±0.25pF	GRM0225C1H2R8CA03#
			2.9pF	±0.05pF	GRM0225C1H2R9WA03#
				±0.1pF	GRM0225C1H2R9BA03#
				±0.25pF	GRM0225C1H2R9CA03#
			3.0pF	±0.05pF	GRM0225C1H3R0WA03#
				±0.1pF	GRM0225C1H3R0BA03#
				±0.25pF	GRM0225C1H3R0CA03#
			3.1pF	±0.05pF	GRM0225C1H3R1WA03#
				±0.1pF	GRM0225C1H3R1BA03#
				±0.25pF	GRM0225C1H3R1CA03#
			3.2pF	±0.05pF	GRM0225C1H3R2WA03#
				±0.1pF	GRM0225C1H3R2BA03#
				±0.25pF	GRM0225C1H3R2CA03#
			3.3pF	±0.05pF	GRM0225C1H3R3WA03#
				±0.1pF	GRM0225C1H3R3BA03#
				±0.25pF	GRM0225C1H3R3CA03#
			3.4pF	±0.05pF	GRM0225C1H3R4WA03#
				±0.1pF	GRM0225C1H3R4BA03#
				±0.25pF	GRM0225C1H3R4CA03#
			3.5pF	±0.05pF	GRM0225C1H3R5WA03#
				±0.1pF	GRM0225C1H3R5BA03#
				±0.25pF	GRM0225C1H3R5CA03#
			3.6pF	±0.05pF	GRM0225C1H3R6WA03#
				±0.1pF	GRM0225C1H3R6BA03#
				±0.25pF	GRM0225C1H3R6CA03#
			3.7pF	±0.05pF	GRM0225C1H3R7WA03#
				±0.1pF	GRM0225C1H3R7BA03#
				±0.25pF	GRM0225C1H3R7CA03#
3.8pF	±0.05pF	GRM0225C1H3R8WA03#			
	±0.1pF	GRM0225C1H3R8BA03#			
	±0.25pF	GRM0225C1H3R8CA03#			
3.9pF	±0.05pF	GRM0225C1H3R9WA03#			
	±0.1pF	GRM0225C1H3R9BA03#			
	±0.25pF	GRM0225C1H3R9CA03#			

- GRM
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- GA3 GB
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- LLM
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- NFM
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- KR3
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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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.22mm	50Vdc	COG	4.0pF	±0.05pF	GRM0225C1H4R0WA03#	0.22mm	50Vdc	COG	5.6pF	±0.1pF	GRM0225C1H5R6BA03#	
				±0.1pF	GRM0225C1H4R0BA03#					±0.25pF	GRM0225C1H5R6CA03#	
				±0.25pF	GRM0225C1H4R0CA03#					±0.5pF	GRM0225C1H5R6DA03#	
			4.1pF	±0.05pF	GRM0225C1H4R1WA03#				5.7pF	±0.05pF	GRM0225C1H5R7WA03#	
				±0.1pF	GRM0225C1H4R1BA03#					±0.1pF	GRM0225C1H5R7BA03#	
				±0.25pF	GRM0225C1H4R1CA03#					±0.25pF	GRM0225C1H5R7CA03#	
			4.2pF	±0.05pF	GRM0225C1H4R2WA03#				5.8pF	±0.05pF	GRM0225C1H5R8WA03#	
				±0.1pF	GRM0225C1H4R2BA03#					±0.1pF	GRM0225C1H5R8BA03#	
				±0.25pF	GRM0225C1H4R2CA03#					±0.25pF	GRM0225C1H5R8CA03#	
			4.3pF	±0.05pF	GRM0225C1H4R3WA03#				5.9pF	±0.05pF	GRM0225C1H5R9WA03#	
				±0.1pF	GRM0225C1H4R3BA03#					±0.1pF	GRM0225C1H5R9BA03#	
				±0.25pF	GRM0225C1H4R3CA03#					±0.25pF	GRM0225C1H5R9CA03#	
			4.4pF	±0.05pF	GRM0225C1H4R4WA03#				6.0pF	±0.05pF	GRM0225C1H6R0WA03#	
				±0.1pF	GRM0225C1H4R4BA03#					±0.1pF	GRM0225C1H6R0BA03#	
				±0.25pF	GRM0225C1H4R4CA03#					±0.25pF	GRM0225C1H6R0CA03#	
			4.5pF	±0.05pF	GRM0225C1H4R5WA03#				6.1pF	±0.05pF	GRM0225C1H6R1WA03#	
				±0.1pF	GRM0225C1H4R5BA03#					±0.1pF	GRM0225C1H6R1BA03#	
				±0.25pF	GRM0225C1H4R5CA03#					±0.25pF	GRM0225C1H6R1CA03#	
			4.6pF	±0.05pF	GRM0225C1H4R6WA03#				6.2pF	±0.05pF	GRM0225C1H6R2WA03#	
				±0.1pF	GRM0225C1H4R6BA03#					±0.1pF	GRM0225C1H6R2BA03#	
				±0.25pF	GRM0225C1H4R6CA03#					±0.25pF	GRM0225C1H6R2CA03#	
			4.7pF	±0.05pF	GRM0225C1H4R7WA03#				6.3pF	±0.05pF	GRM0225C1H6R3WA03#	
				±0.1pF	GRM0225C1H4R7BA03#					±0.1pF	GRM0225C1H6R3BA03#	
				±0.25pF	GRM0225C1H4R7CA03#					±0.25pF	GRM0225C1H6R3CA03#	
			4.8pF	±0.05pF	GRM0225C1H4R8WA03#				6.4pF	±0.05pF	GRM0225C1H6R4WA03#	
				±0.1pF	GRM0225C1H4R8BA03#					±0.1pF	GRM0225C1H6R4BA03#	
				±0.25pF	GRM0225C1H4R8CA03#					±0.25pF	GRM0225C1H6R4CA03#	
			4.9pF	±0.05pF	GRM0225C1H4R9WA03#				6.5pF	±0.05pF	GRM0225C1H6R5WA03#	
				±0.1pF	GRM0225C1H4R9BA03#					±0.1pF	GRM0225C1H6R5BA03#	
				±0.25pF	GRM0225C1H4R9CA03#					±0.25pF	GRM0225C1H6R5CA03#	
			5.0pF	±0.05pF	GRM0225C1H5R0WA03#				6.6pF	±0.05pF	GRM0225C1H6R6WA03#	
				±0.1pF	GRM0225C1H5R0BA03#					±0.1pF	GRM0225C1H6R6BA03#	
				±0.25pF	GRM0225C1H5R0CA03#					±0.25pF	GRM0225C1H6R6CA03#	
			5.1pF	±0.05pF	GRM0225C1H5R1WA03#				6.7pF	±0.05pF	GRM0225C1H6R7WA03#	
				±0.1pF	GRM0225C1H5R1BA03#					±0.1pF	GRM0225C1H6R7BA03#	
				±0.25pF	GRM0225C1H5R1CA03#					±0.25pF	GRM0225C1H6R7CA03#	
			5.2pF	±0.05pF	GRM0225C1H5R2WA03#				6.8pF	±0.05pF	GRM0225C1H6R8WA03#	
				±0.1pF	GRM0225C1H5R2BA03#					±0.1pF	GRM0225C1H6R8BA03#	
				±0.25pF	GRM0225C1H5R2CA03#					±0.25pF	GRM0225C1H6R8CA03#	
			5.3pF	±0.05pF	GRM0225C1H5R3WA03#				6.9pF	±0.05pF	GRM0225C1H6R9WA03#	
				±0.1pF	GRM0225C1H5R3BA03#					±0.1pF	GRM0225C1H6R9BA03#	
				±0.25pF	GRM0225C1H5R3CA03#					±0.25pF	GRM0225C1H6R9CA03#	
			5.4pF	±0.05pF	GRM0225C1H5R4WA03#					±0.5pF	GRM0225C1H5R5DA03#	
				±0.1pF	GRM0225C1H5R4BA03#					5.6pF	±0.05pF	GRM0225C1H5R6WA03#
				±0.25pF	GRM0225C1H5R4CA03#						±0.1pF	GRM0225C1H5R5BA03#
			±0.5pF	GRM0225C1H5R2DA03#	±0.25pF				GRM0225C1H5R5CA03#			
			5.5pF	±0.05pF	GRM0225C1H5R5WA03#					±0.5pF	GRM0225C1H5R3DA03#	
				±0.1pF	GRM0225C1H5R5BA03#					5.3pF	±0.05pF	GRM0225C1H5R3WA03#
				±0.25pF	GRM0225C1H5R5CA03#						±0.1pF	GRM0225C1H5R3BA03#
			±0.5pF	GRM0225C1H5R3CA03#	±0.25pF				GRM0225C1H5R3CA03#			
			5.6pF	±0.05pF	GRM0225C1H5R6WA03#					±0.5pF	GRM0225C1H5R4DA03#	
				±0.1pF	GRM0225C1H5R6BA03#					5.4pF	±0.05pF	GRM0225C1H5R4WA03#
				±0.25pF	GRM0225C1H5R6CA03#						±0.1pF	GRM0225C1H5R4BA03#
			±0.5pF	GRM0225C1H5R4CA03#	±0.25pF				GRM0225C1H5R4CA03#			

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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	COG	6.9pF	±0.5pF	GRM0225C1H6R9DA03#	0.22mm	50Vdc	COG	8.3pF	±0.1pF	GRM0225C1H8R3BA03#
				±0.05pF	GRM0225C1H7R0WA03#					±0.25pF	GRM0225C1H8R3CA03#
				±0.1pF	GRM0225C1H7R0BA03#					±0.5pF	GRM0225C1H8R3DA03#
			7.0pF	±0.25pF	GRM0225C1H7R0CA03#	8.4pF			±0.05pF	GRM0225C1H8R4WA03#	
				±0.5pF	GRM0225C1H7R0DA03#				±0.1pF	GRM0225C1H8R4BA03#	
				±0.05pF	GRM0225C1H7R1WA03#				±0.25pF	GRM0225C1H8R4CA03#	
				±0.1pF	GRM0225C1H7R1BA03#				±0.5pF	GRM0225C1H8R4DA03#	
			7.1pF	±0.25pF	GRM0225C1H7R1CA03#	8.5pF			±0.05pF	GRM0225C1H8R5WA03#	
				±0.5pF	GRM0225C1H7R1DA03#				±0.1pF	GRM0225C1H8R5BA03#	
				±0.05pF	GRM0225C1H7R2WA03#				±0.25pF	GRM0225C1H8R5CA03#	
			7.2pF	±0.1pF	GRM0225C1H7R2BA03#	8.6pF			±0.5pF	GRM0225C1H8R5DA03#	
				±0.25pF	GRM0225C1H7R2CA03#				8.6pF	±0.05pF	GRM0225C1H8R6WA03#
				±0.5pF	GRM0225C1H7R2DA03#					±0.1pF	GRM0225C1H8R6BA03#
			7.3pF	±0.05pF	GRM0225C1H7R3WA03#	8.7pF				±0.25pF	GRM0225C1H8R6CA03#
				±0.1pF	GRM0225C1H7R3BA03#				8.7pF	±0.5pF	GRM0225C1H8R6DA03#
				±0.25pF	GRM0225C1H7R3CA03#					±0.05pF	GRM0225C1H8R7WA03#
				±0.5pF	GRM0225C1H7R3DA03#					±0.1pF	GRM0225C1H8R7BA03#
			7.4pF	±0.05pF	GRM0225C1H7R4WA03#	8.8pF				±0.25pF	GRM0225C1H8R7CA03#
				±0.1pF	GRM0225C1H7R4BA03#				8.8pF	±0.5pF	GRM0225C1H8R7DA03#
				±0.25pF	GRM0225C1H7R4CA03#					±0.05pF	GRM0225C1H8R8WA03#
			7.5pF	±0.5pF	GRM0225C1H7R4DA03#	8.9pF				±0.1pF	GRM0225C1H8R8BA03#
				±0.05pF	GRM0225C1H7R5WA03#				8.9pF	±0.25pF	GRM0225C1H8R8CA03#
				±0.1pF	GRM0225C1H7R5BA03#					±0.5pF	GRM0225C1H8R8DA03#
			7.6pF	±0.25pF	GRM0225C1H7R5CA03#	9.0pF				±0.05pF	GRM0225C1H8R9WA03#
				±0.5pF	GRM0225C1H7R5DA03#				9.0pF	±0.1pF	GRM0225C1H8R9BA03#
				±0.05pF	GRM0225C1H7R6WA03#					±0.25pF	GRM0225C1H8R9CA03#
			7.7pF	±0.1pF	GRM0225C1H7R6BA03#	9.1pF				±0.5pF	GRM0225C1H8R9DA03#
				±0.25pF	GRM0225C1H7R6CA03#				9.1pF	±0.05pF	GRM0225C1H9R0WA03#
				±0.5pF	GRM0225C1H7R6DA03#					±0.1pF	GRM0225C1H9R0BA03#
			7.8pF	±0.05pF	GRM0225C1H7R7WA03#	9.2pF				±0.25pF	GRM0225C1H9R0CA03#
				±0.1pF	GRM0225C1H7R7BA03#				9.2pF	±0.5pF	GRM0225C1H9R0DA03#
				±0.25pF	GRM0225C1H7R7CA03#					±0.05pF	GRM0225C1H9R1WA03#
				±0.5pF	GRM0225C1H7R7DA03#					±0.1pF	GRM0225C1H9R1BA03#
			7.9pF	±0.05pF	GRM0225C1H7R8WA03#	9.3pF				±0.25pF	GRM0225C1H9R1CA03#
				±0.1pF	GRM0225C1H7R8BA03#				9.3pF	±0.5pF	GRM0225C1H9R1DA03#
				±0.25pF	GRM0225C1H7R8CA03#					±0.05pF	GRM0225C1H9R2WA03#
			8.0pF	±0.5pF	GRM0225C1H7R8DA03#	9.4pF				±0.1pF	GRM0225C1H9R2BA03#
				±0.05pF	GRM0225C1H7R9WA03#				9.4pF	±0.25pF	GRM0225C1H9R2CA03#
				±0.1pF	GRM0225C1H7R9BA03#					±0.5pF	GRM0225C1H9R2DA03#
			8.1pF	±0.25pF	GRM0225C1H7R9CA03#	9.5pF				±0.05pF	GRM0225C1H9R3WA03#
				±0.5pF	GRM0225C1H7R9DA03#				9.5pF	±0.1pF	GRM0225C1H9R3BA03#
				±0.05pF	GRM0225C1H8R0WA03#					±0.25pF	GRM0225C1H9R3CA03#
			8.2pF	±0.1pF	GRM0225C1H8R0BA03#	9.6pF				±0.5pF	GRM0225C1H9R3DA03#
				±0.25pF	GRM0225C1H8R0CA03#				9.6pF	±0.05pF	GRM0225C1H9R4WA03#
				±0.5pF	GRM0225C1H8R0DA03#					±0.1pF	GRM0225C1H9R4BA03#
			8.3pF	±0.05pF	GRM0225C1H8R1WA03#	9.6pF				±0.25pF	GRM0225C1H9R4CA03#
				±0.1pF	GRM0225C1H8R1BA03#				9.6pF	±0.5pF	GRM0225C1H9R4DA03#
				±0.25pF	GRM0225C1H8R1CA03#					±0.05pF	GRM0225C1H9R5WA03#
			8.3pF	±0.5pF	GRM0225C1H8R1DA03#	9.6pF				±0.1pF	GRM0225C1H9R5BA03#
				±0.05pF	GRM0225C1H8R2WA03#				9.6pF	±0.25pF	GRM0225C1H9R5CA03#
				±0.1pF	GRM0225C1H8R2BA03#					±0.5pF	GRM0225C1H9R5DA03#
			8.3pF	±0.25pF	GRM0225C1H8R2CA03#	9.6pF				±0.05pF	GRM0225C1H9R6WA03#
				±0.5pF	GRM0225C1H8R2DA03#				9.6pF	±0.1pF	GRM0225C1H9R6BA03#
				±0.05pF	GRM0225C1H8R3WA03#					±0.25pF	GRM0225C1H9R6CA03#

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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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	COG	9.6pF	±0.5pF	GRM0225C1H9R6DA03#	0.22mm	50Vdc	CK	0.50pF	±0.05pF	GRM0224C1HR50WA03#
				±0.05pF	GRM0225C1H9R7WA03#					±0.1pF	GRM0224C1HR50BA03#
				±0.1pF	GRM0225C1H9R7BA03#					±0.05pF	GRM0224C1HR51WA03#
				±0.25pF	GRM0225C1H9R7CA03#					±0.05pF	GRM0224C1HR60WA03#
				±0.5pF	GRM0225C1H9R7DA03#					±0.1pF	GRM0224C1HR60BA03#
			9.8pF	±0.05pF	GRM0225C1H9R8WA03#	±0.05pF			GRM0224C1HR70WA03#		
				±0.1pF	GRM0225C1H9R8BA03#	±0.1pF			GRM0224C1HR70BA03#		
				±0.25pF	GRM0225C1H9R8CA03#	±0.05pF			GRM0224C1HR80WA03#		
				±0.5pF	GRM0225C1H9R8DA03#	±0.1pF			GRM0224C1HR80BA03#		
			9.9pF	±0.05pF	GRM0225C1H9R9WA03#	±0.05pF			GRM0224C1HR90WA03#		
				±0.1pF	GRM0225C1H9R9BA03#	±0.1pF			GRM0224C1HR90BA03#		
				±0.25pF	GRM0225C1H9R9CA03#	±0.05pF			GRM0224C1H1R0WA03#		
				±0.5pF	GRM0225C1H9R9DA03#	±0.1pF			GRM0224C1H1R0BA03#		
			10pF	±2%	GRM0225C1H100GA03#	±0.25pF			GRM0224C1H1R0CA03#		
				±5%	GRM0225C1H100JA03#	1.1pF			±0.05pF	GRM0224C1H1R1WA03#	
			11pF	±2%	GRM0225C1H110GA03#				±0.1pF	GRM0224C1H1R1BA03#	
				±5%	GRM0225C1H110JA03#	±0.25pF			GRM0224C1H1R1CA03#		
			12pF	±2%	GRM0225C1H120GA03#	1.2pF			±0.05pF	GRM0224C1H1R2WA03#	
				±5%	GRM0225C1H120JA03#				±0.1pF	GRM0224C1H1R2BA03#	
			13pF	±2%	GRM0225C1H130GA03#	±0.25pF			GRM0224C1H1R2CA03#		
				±5%	GRM0225C1H130JA03#	1.3pF			±0.05pF	GRM0224C1H1R3WA03#	
			15pF	±2%	GRM0225C1H150GA03#				±0.1pF	GRM0224C1H1R3BA03#	
				±5%	GRM0225C1H150JA03#				±0.25pF	GRM0224C1H1R3CA03#	
			16pF	±2%	GRM0225C1H160GA03#	1.4pF			±0.05pF	GRM0224C1H1R4WA03#	
				±5%	GRM0225C1H160JA03#				±0.1pF	GRM0224C1H1R4BA03#	
			17pF	±5%	GRM0225C1H170JA02#				±0.25pF	GRM0224C1H1R4CA03#	
				18pF	±5%	GRM0225C1H180JA02#			1.5pF	±0.05pF	GRM0224C1H1R5WA03#
			19pF		±5%	GRM0225C1H190JA02#				±0.1pF	GRM0224C1H1R5BA03#
				20pF	±5%	GRM0225C1H200JA02#				±0.25pF	GRM0224C1H1R5CA03#
			21pF		±5%	GRM0225C1H210JA02#			1.6pF	±0.05pF	GRM0224C1H1R6WA03#
				22pF	±5%	GRM0225C1H220JA02#				±0.1pF	GRM0224C1H1R6BA03#
			23pF		±5%	GRM0225C1H230JA02#				±0.25pF	GRM0224C1H1R6CA03#
				24pF	±5%	GRM0225C1H240JA02#			1.7pF	±0.05pF	GRM0224C1H1R7WA03#
			27pF		±5%	GRM0225C1H270JA02#				±0.1pF	GRM0224C1H1R7BA03#
				30pF	±5%	GRM0225C1H300JA02#				±0.25pF	GRM0224C1H1R7CA03#
			33pF		±5%	GRM0225C1H330JA02#			1.8pF	±0.05pF	GRM0224C1H1R8WA03#
				36pF	±5%	GRM0225C1H360JA02#				±0.1pF	GRM0224C1H1R8BA03#
			39pF		±5%	GRM0225C1H390JA02#				±0.25pF	GRM0224C1H1R8CA03#
				43pF	±5%	GRM0225C1H430JA02#			1.9pF	±0.05pF	GRM0224C1H1R9WA03#
			47pF		±5%	GRM0225C1H470JA02#				±0.1pF	GRM0224C1H1R9BA03#
				51pF	±5%	GRM0225C1H510JA02#				±0.25pF	GRM0224C1H1R9CA03#
			56pF		±5%	GRM0225C1H560JA02#			2.0pF	±0.05pF	GRM0224C1H2R0WA03#
				62pF	±5%	GRM0225C1H620JA02#				±0.1pF	GRM0224C1H2R0BA03#
			68pF		±5%	GRM0225C1H680JA02#				±0.25pF	GRM0224C1H2R0CA03#
				75pF	±5%	GRM0225C1H750JA02#			CJ	2.1pF	±0.05pF
			82pF		±5%	GRM0225C1H820JA02#					±0.1pF
				91pF	±5%	GRM0225C1H910JA02#					±0.25pF
			100pF		±5%	GRM0225C1H101JA02#			2.2pF	±0.05pF	GRM0223C1H2R2WA03#
				0.20pF	±0.05pF	GRM0224C1HR20WA03#				±0.1pF	GRM0223C1H2R2BA03#
			±0.1pF		GRM0224C1HR20BA03#	±0.25pF				GRM0223C1H2R2CA03#	
0.30pF	±0.05pF	GRM0224C1HR30WA03#	2.3pF	±0.05pF	GRM0223C1H2R3WA03#						
	±0.1pF	GRM0224C1HR30BA03#		±0.1pF	GRM0223C1H2R3BA03#						
0.40pF	±0.05pF	GRM0224C1HR40WA03#		±0.25pF	GRM0223C1H2R3CA03#						
	±0.1pF	GRM0224C1HR40BA03#	2.4pF	±0.05pF	GRM0223C1H2R4WA03#						

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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	CJ	2.4pF	±0.1pF	GRM0223C1H2R4BA03#	0.22mm	50Vdc	CH	4.2pF	±0.1pF	GRM0222C1H4R2BA03#
				±0.25pF	GRM0223C1H2R4CA03#					±0.25pF	GRM0222C1H4R2CA03#
			2.5pF	±0.05pF	GRM0223C1H2R5WA03#				4.3pF	±0.05pF	GRM0222C1H4R3WA03#
				±0.1pF	GRM0223C1H2R5BA03#					±0.1pF	GRM0222C1H4R3BA03#
				±0.25pF	GRM0223C1H2R5CA03#					±0.25pF	GRM0222C1H4R3CA03#
			2.6pF	±0.05pF	GRM0223C1H2R6WA03#				4.4pF	±0.05pF	GRM0222C1H4R4WA03#
				±0.1pF	GRM0223C1H2R6BA03#					±0.1pF	GRM0222C1H4R4BA03#
				±0.25pF	GRM0223C1H2R6CA03#					±0.25pF	GRM0222C1H4R4CA03#
			2.7pF	±0.05pF	GRM0223C1H2R7WA03#				4.5pF	±0.05pF	GRM0222C1H4R5WA03#
				±0.1pF	GRM0223C1H2R7BA03#					±0.1pF	GRM0222C1H4R5BA03#
				±0.25pF	GRM0223C1H2R7CA03#					±0.25pF	GRM0222C1H4R5CA03#
			2.8pF	±0.05pF	GRM0223C1H2R8WA03#				4.6pF	±0.05pF	GRM0222C1H4R6WA03#
				±0.1pF	GRM0223C1H2R8BA03#					±0.1pF	GRM0222C1H4R6BA03#
				±0.25pF	GRM0223C1H2R8CA03#					±0.25pF	GRM0222C1H4R6CA03#
			2.9pF	±0.05pF	GRM0223C1H2R9WA03#				4.7pF	±0.05pF	GRM0222C1H4R7WA03#
				±0.1pF	GRM0223C1H2R9BA03#					±0.1pF	GRM0222C1H4R7BA03#
				±0.25pF	GRM0223C1H2R9CA03#					±0.25pF	GRM0222C1H4R7CA03#
			3.0pF	±0.05pF	GRM0223C1H3R0WA03#				4.8pF	±0.05pF	GRM0222C1H4R8WA03#
				±0.1pF	GRM0223C1H3R0BA03#					±0.1pF	GRM0222C1H4R8BA03#
				±0.25pF	GRM0223C1H3R0CA03#					±0.25pF	GRM0222C1H4R8CA03#
			3.1pF	±0.05pF	GRM0223C1H3R1WA03#				4.9pF	±0.05pF	GRM0222C1H4R9WA03#
				±0.1pF	GRM0223C1H3R1BA03#					±0.1pF	GRM0222C1H4R9BA03#
				±0.25pF	GRM0223C1H3R1CA03#					±0.25pF	GRM0222C1H4R9CA03#
			3.2pF	±0.05pF	GRM0223C1H3R2WA03#				5.0pF	±0.05pF	GRM0222C1H5R0WA03#
		±0.1pF		GRM0223C1H3R2BA03#	±0.1pF	GRM0222C1H5R0BA03#					
		±0.25pF		GRM0223C1H3R2CA03#	±0.25pF	GRM0222C1H5R0CA03#					
		3.3pF	±0.05pF	GRM0223C1H3R3WA03#	5.1pF	±0.05pF	GRM0222C1H5R1WA03#				
			±0.1pF	GRM0223C1H3R3BA03#		±0.1pF	GRM0222C1H5R1BA03#				
			±0.25pF	GRM0223C1H3R3CA03#		±0.25pF	GRM0222C1H5R1CA03#				
		3.4pF	±0.05pF	GRM0223C1H3R4WA03#	5.2pF	±0.05pF	GRM0222C1H5R2WA03#				
			±0.1pF	GRM0223C1H3R4BA03#		±0.1pF	GRM0222C1H5R2BA03#				
			±0.25pF	GRM0223C1H3R4CA03#		±0.25pF	GRM0222C1H5R2CA03#				
		3.5pF	±0.05pF	GRM0223C1H3R5WA03#	5.3pF	±0.05pF	GRM0222C1H5R3WA03#				
			±0.1pF	GRM0223C1H3R5BA03#		±0.1pF	GRM0222C1H5R3BA03#				
			±0.25pF	GRM0223C1H3R5CA03#		±0.25pF	GRM0222C1H5R3CA03#				
		3.6pF	±0.05pF	GRM0223C1H3R6WA03#	5.4pF	±0.05pF	GRM0222C1H5R4WA03#				
			±0.1pF	GRM0223C1H3R6BA03#		±0.1pF	GRM0222C1H5R4BA03#				
			±0.25pF	GRM0223C1H3R6CA03#		±0.25pF	GRM0222C1H5R4CA03#				
		3.7pF	±0.05pF	GRM0223C1H3R7WA03#	5.5pF	±0.05pF	GRM0222C1H5R5WA03#				
			±0.1pF	GRM0223C1H3R7BA03#		±0.1pF	GRM0222C1H5R5BA03#				
			±0.25pF	GRM0223C1H3R7CA03#		±0.25pF	GRM0222C1H5R5CA03#				
		3.8pF	±0.05pF	GRM0223C1H3R8WA03#	5.6pF	±0.05pF	GRM0222C1H5R6WA03#				
			±0.1pF	GRM0223C1H3R8BA03#		±0.1pF	GRM0222C1H5R6BA03#				
			±0.25pF	GRM0223C1H3R8CA03#		±0.25pF	GRM0222C1H5R6CA03#				
		3.9pF	±0.05pF	GRM0223C1H3R9WA03#	5.7pF	±0.05pF	GRM0222C1H5R7WA03#				
			±0.1pF	GRM0223C1H3R9BA03#		±0.1pF	GRM0222C1H5R7BA03#				
			±0.25pF	GRM0223C1H3R9CA03#		±0.25pF	GRM0222C1H5R7CA03#				
		CH	4.0pF	±0.05pF	GRM0222C1H4R0WA03#	±0.05pF	GRM0222C1H5R7DA03#				
±0.1pF	GRM0222C1H4R0BA03#			±0.1pF	GRM0222C1H5R7BA03#						
±0.25pF	GRM0222C1H4R0CA03#			±0.25pF	GRM0222C1H5R7CA03#						
±0.05pF	GRM0222C1H4R1WA03#			±0.05pF	GRM0222C1H5R7DA03#						
4.1pF	±0.05pF	GRM0222C1H4R1WA03#	±0.05pF	GRM0222C1H5R7BA03#							
	±0.1pF	GRM0222C1H4R1BA03#		±0.1pF	GRM0222C1H5R7BA03#						
	±0.25pF	GRM0222C1H4R1CA03#		±0.25pF	GRM0222C1H5R7CA03#						
4.2pF	±0.05pF	GRM0222C1H4R2WA03#	±0.05pF	GRM0222C1H5R7DA03#							
	±0.05pF	GRM0222C1H4R2WA03#		±0.05pF	GRM0222C1H5R7DA03#						

- GRM
- GR3
- GRJ
- GR4
- GR7
- 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

(→ 0.4×0.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	CH	5.8pF	±0.05pF	GRM0222C1H5R8WA03#
				±0.1pF	GRM0222C1H5R8BA03#
				±0.25pF	GRM0222C1H5R8CA03#
				±0.5pF	GRM0222C1H5R8DA03#
			5.9pF	±0.05pF	GRM0222C1H5R9WA03#
				±0.1pF	GRM0222C1H5R9BA03#
				±0.25pF	GRM0222C1H5R9CA03#
				±0.5pF	GRM0222C1H5R9DA03#
			6.0pF	±0.05pF	GRM0222C1H6R0WA03#
				±0.1pF	GRM0222C1H6R0BA03#
				±0.25pF	GRM0222C1H6R0CA03#
				±0.5pF	GRM0222C1H6R0DA03#
			6.1pF	±0.05pF	GRM0222C1H6R1WA03#
				±0.1pF	GRM0222C1H6R1BA03#
				±0.25pF	GRM0222C1H6R1CA03#
				±0.5pF	GRM0222C1H6R1DA03#
			6.2pF	±0.05pF	GRM0222C1H6R2WA03#
				±0.1pF	GRM0222C1H6R2BA03#
				±0.25pF	GRM0222C1H6R2CA03#
				±0.5pF	GRM0222C1H6R2DA03#
			6.3pF	±0.05pF	GRM0222C1H6R3WA03#
				±0.1pF	GRM0222C1H6R3BA03#
				±0.25pF	GRM0222C1H6R3CA03#
				±0.5pF	GRM0222C1H6R3DA03#
			6.4pF	±0.05pF	GRM0222C1H6R4WA03#
				±0.1pF	GRM0222C1H6R4BA03#
				±0.25pF	GRM0222C1H6R4CA03#
				±0.5pF	GRM0222C1H6R4DA03#
			6.5pF	±0.05pF	GRM0222C1H6R5WA03#
				±0.1pF	GRM0222C1H6R5BA03#
				±0.25pF	GRM0222C1H6R5CA03#
				±0.5pF	GRM0222C1H6R5DA03#
			6.6pF	±0.05pF	GRM0222C1H6R6WA03#
				±0.1pF	GRM0222C1H6R6BA03#
				±0.25pF	GRM0222C1H6R6CA03#
				±0.5pF	GRM0222C1H6R6DA03#
			6.7pF	±0.05pF	GRM0222C1H6R7WA03#
				±0.1pF	GRM0222C1H6R7BA03#
				±0.25pF	GRM0222C1H6R7CA03#
				±0.5pF	GRM0222C1H6R7DA03#
			6.8pF	±0.05pF	GRM0222C1H6R8WA03#
				±0.1pF	GRM0222C1H6R8BA03#
				±0.25pF	GRM0222C1H6R8CA03#
				±0.5pF	GRM0222C1H6R8DA03#
			6.9pF	±0.05pF	GRM0222C1H6R9WA03#
				±0.1pF	GRM0222C1H6R9BA03#
				±0.25pF	GRM0222C1H6R9CA03#
				±0.5pF	GRM0222C1H6R9DA03#
			7.0pF	±0.05pF	GRM0222C1H7R0WA03#
				±0.1pF	GRM0222C1H7R0BA03#
				±0.25pF	GRM0222C1H7R0CA03#
				±0.5pF	GRM0222C1H7R0DA03#
7.1pF	±0.05pF	GRM0222C1H7R1WA03#			
	±0.1pF	GRM0222C1H7R1BA03#			

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.22mm	50Vdc	CH	7.1pF	±0.25pF	GRM0222C1H7R1CA03#
				±0.5pF	GRM0222C1H7R1DA03#
			7.2pF	±0.05pF	GRM0222C1H7R2WA03#
				±0.1pF	GRM0222C1H7R2BA03#
				±0.25pF	GRM0222C1H7R2CA03#
				±0.5pF	GRM0222C1H7R2DA03#
			7.3pF	±0.05pF	GRM0222C1H7R3WA03#
				±0.1pF	GRM0222C1H7R3BA03#
				±0.25pF	GRM0222C1H7R3CA03#
				±0.5pF	GRM0222C1H7R3DA03#
			7.4pF	±0.05pF	GRM0222C1H7R4WA03#
				±0.1pF	GRM0222C1H7R4BA03#
				±0.25pF	GRM0222C1H7R4CA03#
				±0.5pF	GRM0222C1H7R4DA03#
			7.5pF	±0.05pF	GRM0222C1H7R5WA03#
				±0.1pF	GRM0222C1H7R5BA03#
				±0.25pF	GRM0222C1H7R5CA03#
				±0.5pF	GRM0222C1H7R5DA03#
			7.6pF	±0.05pF	GRM0222C1H7R6WA03#
				±0.1pF	GRM0222C1H7R6BA03#
				±0.25pF	GRM0222C1H7R6CA03#
				±0.5pF	GRM0222C1H7R6DA03#
			7.7pF	±0.05pF	GRM0222C1H7R7WA03#
				±0.1pF	GRM0222C1H7R7BA03#
				±0.25pF	GRM0222C1H7R7CA03#
				±0.5pF	GRM0222C1H7R7DA03#
			7.8pF	±0.05pF	GRM0222C1H7R8WA03#
				±0.1pF	GRM0222C1H7R8BA03#
				±0.25pF	GRM0222C1H7R8CA03#
				±0.5pF	GRM0222C1H7R8DA03#
			7.9pF	±0.05pF	GRM0222C1H7R9WA03#
				±0.1pF	GRM0222C1H7R9BA03#
				±0.25pF	GRM0222C1H7R9CA03#
				±0.5pF	GRM0222C1H7R9DA03#
			8.0pF	±0.05pF	GRM0222C1H8R0WA03#
				±0.1pF	GRM0222C1H8R0BA03#
				±0.25pF	GRM0222C1H8R0CA03#
				±0.5pF	GRM0222C1H8R0DA03#
			8.1pF	±0.05pF	GRM0222C1H8R1WA03#
				±0.1pF	GRM0222C1H8R1BA03#
				±0.25pF	GRM0222C1H8R1CA03#
				±0.5pF	GRM0222C1H8R1DA03#
			8.2pF	±0.05pF	GRM0222C1H8R2WA03#
				±0.1pF	GRM0222C1H8R2BA03#
				±0.25pF	GRM0222C1H8R2CA03#
				±0.5pF	GRM0222C1H8R2DA03#
			8.3pF	±0.05pF	GRM0222C1H8R3WA03#
				±0.1pF	GRM0222C1H8R3BA03#
				±0.25pF	GRM0222C1H8R3CA03#
				±0.5pF	GRM0222C1H8R3DA03#
			8.4pF	±0.05pF	GRM0222C1H8R4WA03#
				±0.1pF	GRM0222C1H8R4BA03#
±0.25pF	GRM0222C1H8R4CA03#				
±0.5pF	GRM0222C1H8R4DA03#				

Part number # indicates the package specification code.

GRM
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 GMD
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GRM Series Temperature Compensating Type Part Number List

(→ 0.4×0.2mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.22mm	50Vdc	CH	8.5pF	±0.05pF	GRM0222C1H8R5WA03#	0.22mm	50Vdc	CH	9.8pF	±0.25pF	GRM0222C1H9R8CA03#		
				±0.1pF	GRM0222C1H8R5BA03#					±0.5pF	GRM0222C1H9R8DA03#		
				±0.25pF	GRM0222C1H8R5CA03#					9.9pF	±0.05pF	GRM0222C1H9R9WA03#	
				±0.5pF	GRM0222C1H8R5DA03#						±0.1pF	GRM0222C1H9R9BA03#	
			8.6pF	±0.05pF	GRM0222C1H8R6WA03#				±0.25pF		GRM0222C1H9R9CA03#		
				±0.1pF	GRM0222C1H8R6BA03#				±0.5pF		GRM0222C1H9R9DA03#		
				±0.25pF	GRM0222C1H8R6CA03#				10pF	±2%	GRM0222C1H100GA03#		
				±0.5pF	GRM0222C1H8R6DA03#					±5%	GRM0222C1H100JA03#		
			8.7pF	±0.05pF	GRM0222C1H8R7WA03#				11pF	±2%	GRM0222C1H110GA03#		
				±0.1pF	GRM0222C1H8R7BA03#					±5%	GRM0222C1H110JA03#		
				±0.25pF	GRM0222C1H8R7CA03#				12pF	±2%	GRM0222C1H120GA03#		
				±0.5pF	GRM0222C1H8R7DA03#					±5%	GRM0222C1H120JA03#		
			8.8pF	±0.05pF	GRM0222C1H8R8WA03#				13pF	±2%	GRM0222C1H130GA03#		
				±0.1pF	GRM0222C1H8R8BA03#					±5%	GRM0222C1H130JA03#		
				±0.25pF	GRM0222C1H8R8CA03#				15pF	±2%	GRM0222C1H150GA03#		
				±0.5pF	GRM0222C1H8R8DA03#					±5%	GRM0222C1H150JA03#		
			8.9pF	±0.05pF	GRM0222C1H8R9WA03#				16pF	±2%	GRM0222C1H160GA03#		
				±0.1pF	GRM0222C1H8R9BA03#					±5%	GRM0222C1H160JA03#		
				±0.25pF	GRM0222C1H8R9CA03#				17pF	±5%	GRM0222C1H170JA02#		
				±0.5pF	GRM0222C1H8R9DA03#					18pF	±5%	GRM0222C1H180JA02#	
			9.0pF	±0.05pF	GRM0222C1H9R0WA03#				19pF		±5%	GRM0222C1H190JA02#	
				±0.1pF	GRM0222C1H9R0BA03#					20pF	±5%	GRM0222C1H200JA02#	
				±0.25pF	GRM0222C1H9R0CA03#				21pF		±5%	GRM0222C1H210JA02#	
				±0.5pF	GRM0222C1H9R0DA03#					22pF	±5%	GRM0222C1H220JA02#	
			9.1pF	±0.05pF	GRM0222C1H9R1WA03#				23pF		±5%	GRM0222C1H230JA02#	
				±0.1pF	GRM0222C1H9R1BA03#					24pF	±5%	GRM0222C1H240JA02#	
				±0.25pF	GRM0222C1H9R1CA03#				27pF		±5%	GRM0222C1H270JA02#	
				±0.5pF	GRM0222C1H9R1DA03#					30pF	±5%	GRM0222C1H300JA02#	
			9.2pF	±0.05pF	GRM0222C1H9R2WA03#				33pF		±5%	GRM0222C1H330JA02#	
				±0.1pF	GRM0222C1H9R2BA03#					36pF	±5%	GRM0222C1H360JA02#	
				±0.25pF	GRM0222C1H9R2CA03#				39pF		±5%	GRM0222C1H390JA02#	
				±0.5pF	GRM0222C1H9R2DA03#					43pF	±5%	GRM0222C1H430JA02#	
			9.3pF	±0.05pF	GRM0222C1H9R3WA03#				47pF		±5%	GRM0222C1H470JA02#	
				±0.1pF	GRM0222C1H9R3BA03#					51pF	±5%	GRM0222C1H510JA02#	
				±0.25pF	GRM0222C1H9R3CA03#				56pF		±5%	GRM0222C1H560JA02#	
				±0.5pF	GRM0222C1H9R3DA03#					62pF	±5%	GRM0222C1H620JA02#	
			9.4pF	±0.05pF	GRM0222C1H9R4WA03#				68pF		±5%	GRM0222C1H680JA02#	
				±0.1pF	GRM0222C1H9R4BA03#					75pF	±5%	GRM0222C1H750JA02#	
				±0.25pF	GRM0222C1H9R4CA03#				82pF		±5%	GRM0222C1H820JA02#	
				±0.5pF	GRM0222C1H9R4DA03#					91pF	±5%	GRM0222C1H910JA02#	
			9.5pF	±0.05pF	GRM0222C1H9R5WA03#				100pF		±5%	GRM0222C1H101JA02#	
				±0.1pF	GRM0222C1H9R5BA03#					25Vdc	COG	120pF	±5%
				±0.25pF	GRM0222C1H9R5CA03#				150pF			±5%	GRM0225C1E151JA02#
				±0.5pF	GRM0222C1H9R5DA03#				180pF			±5%	GRM0225C1E181JA02#
			9.6pF	±0.05pF	GRM0222C1H9R6WA03#				220pF			±5%	GRM0225C1E221JA02#
				±0.1pF	GRM0222C1H9R6BA03#				CH	120pF	±5%	GRM0222C1E121JA02#	
				±0.25pF	GRM0222C1H9R6CA03#					150pF	±5%	GRM0222C1E151JA02#	
				±0.5pF	GRM0222C1H9R6DA03#					180pF	±5%	GRM0222C1E181JA02#	
			9.7pF	±0.05pF	GRM0222C1H9R7WA03#					220pF	±5%	GRM0222C1E221JA02#	
				±0.1pF	GRM0222C1H9R7BA03#				16Vdc	COG	120pF	±5%	GRM0225C1C121JA02#
				±0.25pF	GRM0222C1H9R7CA03#						150pF	±5%	GRM0225C1C151JA02#
				±0.5pF	GRM0222C1H9R7DA03#						180pF	±5%	GRM0225C1C181JA02#
			9.8pF	±0.05pF	GRM0222C1H9R8WA03#						220pF	±5%	GRM0225C1C221JA02#
				±0.1pF	GRM0222C1H9R8BA03#				CH	120pF	±5%	GRM0222C1C121JA02#	

GRM
 GR3
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 GR4
 GR7
 GJM
 GQM
 GA2
 GA3 GB
 GA3 GD
 GA3 GF
 LLL
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 LLM
 LLR
 NFM
 KRM
 KR3
 GMA
 GMD
 ⚠Caution /Notice

Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 0.4×0.2mm)

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

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	COG	1.9pF	±0.25pF	GRM0335C2A1R9CA01#
			2.0pF	±0.05pF	GRM0335C2A2R0WA01#
				±0.1pF	GRM0335C2A2R0BA01#
				±0.25pF	GRM0335C2A2R0CA01#
			2.1pF	±0.05pF	GRM0335C2A2R1WA01#
				±0.1pF	GRM0335C2A2R1BA01#
				±0.25pF	GRM0335C2A2R1CA01#
			2.2pF	±0.05pF	GRM0335C2A2R2WA01#
				±0.1pF	GRM0335C2A2R2BA01#
				±0.25pF	GRM0335C2A2R2CA01#
			2.3pF	±0.05pF	GRM0335C2A2R3WA01#
				±0.1pF	GRM0335C2A2R3BA01#
				±0.25pF	GRM0335C2A2R3CA01#
			2.4pF	±0.05pF	GRM0335C2A2R4WA01#
				±0.1pF	GRM0335C2A2R4BA01#
				±0.25pF	GRM0335C2A2R4CA01#
			2.5pF	±0.05pF	GRM0335C2A2R5WA01#
				±0.1pF	GRM0335C2A2R5BA01#
				±0.25pF	GRM0335C2A2R5CA01#
			2.6pF	±0.05pF	GRM0335C2A2R6WA01#
				±0.1pF	GRM0335C2A2R6BA01#
				±0.25pF	GRM0335C2A2R6CA01#
			2.7pF	±0.05pF	GRM0335C2A2R7WA01#
				±0.1pF	GRM0335C2A2R7BA01#
				±0.25pF	GRM0335C2A2R7CA01#
			2.8pF	±0.05pF	GRM0335C2A2R8WA01#
				±0.1pF	GRM0335C2A2R8BA01#
				±0.25pF	GRM0335C2A2R8CA01#
			2.9pF	±0.05pF	GRM0335C2A2R9WA01#
				±0.1pF	GRM0335C2A2R9BA01#
				±0.25pF	GRM0335C2A2R9CA01#
			3.0pF	±0.05pF	GRM0335C2A3R0WA01#
				±0.1pF	GRM0335C2A3R0BA01#
				±0.25pF	GRM0335C2A3R0CA01#
			3.1pF	±0.05pF	GRM0335C2A3R1WA01#
				±0.1pF	GRM0335C2A3R1BA01#
				±0.25pF	GRM0335C2A3R1CA01#
			3.2pF	±0.05pF	GRM0335C2A3R2WA01#
				±0.1pF	GRM0335C2A3R2BA01#
				±0.25pF	GRM0335C2A3R2CA01#
			3.3pF	±0.05pF	GRM0335C2A3R3WA01#
				±0.1pF	GRM0335C2A3R3BA01#
±0.25pF	GRM0335C2A3R3CA01#				
3.4pF	±0.05pF	GRM0335C2A3R4WA01#			
	±0.1pF	GRM0335C2A3R4BA01#			
	±0.25pF	GRM0335C2A3R4CA01#			
3.5pF	±0.05pF	GRM0335C2A3R5WA01#			
	±0.1pF	GRM0335C2A3R5BA01#			
	±0.25pF	GRM0335C2A3R5CA01#			
3.6pF	±0.05pF	GRM0335C2A3R6WA01#			
	±0.1pF	GRM0335C2A3R6BA01#			
	±0.25pF	GRM0335C2A3R6CA01#			
3.7pF	±0.05pF	GRM0335C2A3R7WA01#			
	±0.1pF	GRM0335C2A3R7BA01#			

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	±0.05pF	GRM0335C2AR20WA01#
				±0.1pF	GRM0335C2AR20BA01#
			0.30pF	±0.05pF	GRM0335C2AR30WA01#
				±0.1pF	GRM0335C2AR30BA01#
			0.40pF	±0.05pF	GRM0335C2AR40WA01#
				±0.1pF	GRM0335C2AR40BA01#
			0.50pF	±0.05pF	GRM0335C2AR50WA01#
				±0.1pF	GRM0335C2AR50BA01#
			0.60pF	±0.05pF	GRM0335C2AR60WA01#
				±0.1pF	GRM0335C2AR60BA01#
			0.70pF	±0.05pF	GRM0335C2AR70WA01#
				±0.1pF	GRM0335C2AR70BA01#
			0.80pF	±0.05pF	GRM0335C2AR80WA01#
				±0.1pF	GRM0335C2AR80BA01#
			0.90pF	±0.05pF	GRM0335C2AR90WA01#
				±0.1pF	GRM0335C2AR90BA01#
			1.0pF	±0.05pF	GRM0335C2A1R0WA01#
				±0.1pF	GRM0335C2A1R0BA01#
				±0.25pF	GRM0335C2A1R0CA01#
			1.1pF	±0.05pF	GRM0335C2A1R1WA01#
				±0.1pF	GRM0335C2A1R1BA01#
				±0.25pF	GRM0335C2A1R1CA01#
			1.2pF	±0.05pF	GRM0335C2A1R2WA01#
				±0.1pF	GRM0335C2A1R2BA01#
				±0.25pF	GRM0335C2A1R2CA01#
			1.3pF	±0.05pF	GRM0335C2A1R3WA01#
				±0.1pF	GRM0335C2A1R3BA01#
				±0.25pF	GRM0335C2A1R3CA01#
			1.4pF	±0.05pF	GRM0335C2A1R4WA01#
				±0.1pF	GRM0335C2A1R4BA01#
				±0.25pF	GRM0335C2A1R4CA01#
			1.5pF	±0.05pF	GRM0335C2A1R5WA01#
				±0.1pF	GRM0335C2A1R5BA01#
				±0.25pF	GRM0335C2A1R5CA01#
			1.6pF	±0.05pF	GRM0335C2A1R6WA01#
				±0.1pF	GRM0335C2A1R6BA01#
				±0.25pF	GRM0335C2A1R6CA01#
			1.7pF	±0.05pF	GRM0335C2A1R7WA01#
				±0.1pF	GRM0335C2A1R7BA01#
				±0.25pF	GRM0335C2A1R7CA01#
			1.8pF	±0.05pF	GRM0335C2A1R8WA01#
				±0.1pF	GRM0335C2A1R8BA01#
				±0.25pF	GRM0335C2A1R8CA01#
			1.9pF	±0.05pF	GRM0335C2A1R9WA01#
				±0.1pF	GRM0335C2A1R9BA01#

Part number # indicates the package specification code.

GRM
 GR3
 GRJ
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 GR7
 GJM
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 GA3 GD
 GA3 GF
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 LLM
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 NFM
 KRM
 KR3
 GMA
 GMD
 ⚠Caution /Notice

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	COG	3.7pF	±0.25pF	GRM0335C2A3R7CA01#	0.33mm	100Vdc	COG	5.4pF	±0.25pF	GRM0335C2A5R4CA01#
				±0.05pF	GRM0335C2A3R8WA01#					±0.5pF	GRM0335C2A5R4DA01#
			±0.1pF	GRM0335C2A3R8BA01#	5.5pF				±0.05pF	GRM0335C2A5R5WA01#	
				±0.25pF					GRM0335C2A3R8CA01#	±0.1pF	GRM0335C2A5R5BA01#
				±0.05pF					GRM0335C2A3R9WA01#	±0.25pF	GRM0335C2A5R5CA01#
			±0.1pF		GRM0335C2A3R9BA01#				5.6pF	±0.5pF	GRM0335C2A5R5DA01#
			±0.25pF	GRM0335C2A3R9CA01#	±0.05pF					GRM0335C2A5R6WA01#	
			±0.05pF	GRM0335C2A4R0WA01#	±0.1pF					GRM0335C2A5R6BA01#	
				±0.1pF	GRM0335C2A4R0BA01#				±0.25pF	GRM0335C2A5R6CA01#	
				±0.25pF	GRM0335C2A4R0CA01#				±0.5pF	GRM0335C2A5R6DA01#	
			4.1pF	±0.05pF	GRM0335C2A4R1WA01#				5.7pF	±0.05pF	GRM0335C2A5R7WA01#
				±0.1pF	GRM0335C2A4R1BA01#					±0.1pF	GRM0335C2A5R7BA01#
				±0.25pF	GRM0335C2A4R1CA01#					±0.25pF	GRM0335C2A5R7CA01#
			4.2pF	±0.05pF	GRM0335C2A4R2WA01#				5.8pF	±0.5pF	GRM0335C2A5R7DA01#
				±0.1pF	GRM0335C2A4R2BA01#					±0.05pF	GRM0335C2A5R8WA01#
				±0.25pF	GRM0335C2A4R2CA01#					±0.1pF	GRM0335C2A5R8BA01#
			4.3pF	±0.05pF	GRM0335C2A4R3WA01#				±0.25pF	GRM0335C2A5R8CA01#	
				±0.1pF	GRM0335C2A4R3BA01#				±0.5pF	GRM0335C2A5R8DA01#	
				±0.25pF	GRM0335C2A4R3CA01#				5.9pF	±0.05pF	GRM0335C2A5R9WA01#
			4.4pF	±0.05pF	GRM0335C2A4R4WA01#					±0.1pF	GRM0335C2A5R9BA01#
				±0.1pF	GRM0335C2A4R4BA01#					±0.25pF	GRM0335C2A5R9CA01#
				±0.25pF	GRM0335C2A4R4CA01#				±0.5pF	GRM0335C2A5R9DA01#	
			4.5pF	±0.05pF	GRM0335C2A4R5WA01#				6.0pF	±0.05pF	GRM0335C2A6R0WA01#
				±0.1pF	GRM0335C2A4R5BA01#					±0.1pF	GRM0335C2A6R0BA01#
				±0.25pF	GRM0335C2A4R5CA01#					±0.25pF	GRM0335C2A6R0CA01#
			4.6pF	±0.05pF	GRM0335C2A4R6WA01#				±0.5pF	GRM0335C2A6R0DA01#	
				±0.1pF	GRM0335C2A4R6BA01#				6.1pF	±0.05pF	GRM0335C2A6R1WA01#
				±0.25pF	GRM0335C2A4R6CA01#					±0.1pF	GRM0335C2A6R1BA01#
			4.7pF	±0.05pF	GRM0335C2A4R7WA01#					±0.25pF	GRM0335C2A6R1CA01#
				±0.1pF	GRM0335C2A4R7BA01#				±0.5pF	GRM0335C2A6R1DA01#	
				±0.25pF	GRM0335C2A4R7CA01#				6.2pF	±0.05pF	GRM0335C2A6R2WA01#
			4.8pF	±0.05pF	GRM0335C2A4R8WA01#					±0.1pF	GRM0335C2A6R2BA01#
				±0.1pF	GRM0335C2A4R8BA01#					±0.25pF	GRM0335C2A6R2CA01#
				±0.25pF	GRM0335C2A4R8CA01#				±0.5pF	GRM0335C2A6R2DA01#	
			4.9pF	±0.05pF	GRM0335C2A4R9WA01#				6.3pF	±0.05pF	GRM0335C2A6R3WA01#
				±0.1pF	GRM0335C2A4R9BA01#					±0.1pF	GRM0335C2A6R3BA01#
				±0.25pF	GRM0335C2A4R9CA01#					±0.25pF	GRM0335C2A6R3CA01#
			5.0pF	±0.05pF	GRM0335C2A5R0WA01#				±0.5pF	GRM0335C2A6R3DA01#	
				±0.1pF	GRM0335C2A5R0BA01#				6.4pF	±0.05pF	GRM0335C2A6R4WA01#
				±0.25pF	GRM0335C2A5R0CA01#					±0.1pF	GRM0335C2A6R4BA01#
			5.1pF	±0.05pF	GRM0335C2A5R1WA01#					±0.25pF	GRM0335C2A6R4CA01#
				±0.1pF	GRM0335C2A5R1BA01#				±0.5pF	GRM0335C2A6R4DA01#	
				±0.25pF	GRM0335C2A5R1CA01#				6.5pF	±0.05pF	GRM0335C2A6R5WA01#
			±0.5pF	GRM0335C2A5R1DA01#	±0.1pF					GRM0335C2A6R5BA01#	
			5.2pF	±0.05pF	GRM0335C2A5R2WA01#					±0.25pF	GRM0335C2A6R5CA01#
				±0.1pF	GRM0335C2A5R2BA01#				±0.5pF	GRM0335C2A6R5DA01#	
				±0.25pF	GRM0335C2A5R2CA01#				6.6pF	±0.05pF	GRM0335C2A6R6WA01#
			±0.5pF	GRM0335C2A5R2DA01#	±0.1pF					GRM0335C2A6R6BA01#	
5.3pF	±0.05pF	GRM0335C2A5R3WA01#	±0.25pF	GRM0335C2A6R6CA01#							
	±0.1pF	GRM0335C2A5R3BA01#	±0.5pF	GRM0335C2A6R6DA01#							
	±0.25pF	GRM0335C2A5R3CA01#	6.7pF	±0.05pF	GRM0335C2A6R7WA01#						
±0.5pF	GRM0335C2A5R3DA01#	±0.1pF		GRM0335C2A6R7BA01#							
5.4pF	±0.05pF	GRM0335C2A5R4WA01#		±0.25pF	GRM0335C2A6R7CA01#						
	±0.1pF	GRM0335C2A5R4BA01#	±0.5pF	GRM0335C2A6R7DA01#							

GRM
 GR3
 GRJ
 GR4
 GR7
 GJM
 GQM
 GA2
 GA3 GB
 GA3 GD
 GA3 GF
 LLL
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 LLM
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 NFM
 KRM
 KR3
 GMA
 GMD
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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	6.8pF	±0.05pF	GRM0335C2A6R8WA01#
				±0.1pF	GRM0335C2A6R8BA01#
				±0.25pF	GRM0335C2A6R8CA01#
				±0.5pF	GRM0335C2A6R8DA01#
			6.9pF	±0.05pF	GRM0335C2A6R9WA01#
				±0.1pF	GRM0335C2A6R9BA01#
				±0.25pF	GRM0335C2A6R9CA01#
				±0.5pF	GRM0335C2A6R9DA01#
			7.0pF	±0.05pF	GRM0335C2A7R0WA01#
				±0.1pF	GRM0335C2A7R0BA01#
				±0.25pF	GRM0335C2A7R0CA01#
				±0.5pF	GRM0335C2A7R0DA01#
			7.1pF	±0.05pF	GRM0335C2A7R1WA01#
				±0.1pF	GRM0335C2A7R1BA01#
				±0.25pF	GRM0335C2A7R1CA01#
				±0.5pF	GRM0335C2A7R1DA01#
			7.2pF	±0.05pF	GRM0335C2A7R2WA01#
				±0.1pF	GRM0335C2A7R2BA01#
				±0.25pF	GRM0335C2A7R2CA01#
				±0.5pF	GRM0335C2A7R2DA01#
			7.3pF	±0.05pF	GRM0335C2A7R3WA01#
				±0.1pF	GRM0335C2A7R3BA01#
				±0.25pF	GRM0335C2A7R3CA01#
				±0.5pF	GRM0335C2A7R3DA01#
			7.4pF	±0.05pF	GRM0335C2A7R4WA01#
				±0.1pF	GRM0335C2A7R4BA01#
				±0.25pF	GRM0335C2A7R4CA01#
				±0.5pF	GRM0335C2A7R4DA01#
			7.5pF	±0.05pF	GRM0335C2A7R5WA01#
				±0.1pF	GRM0335C2A7R5BA01#
				±0.25pF	GRM0335C2A7R5CA01#
				±0.5pF	GRM0335C2A7R5DA01#
			7.6pF	±0.05pF	GRM0335C2A7R6WA01#
				±0.1pF	GRM0335C2A7R6BA01#
				±0.25pF	GRM0335C2A7R6CA01#
				±0.5pF	GRM0335C2A7R6DA01#
			7.7pF	±0.05pF	GRM0335C2A7R7WA01#
				±0.1pF	GRM0335C2A7R7BA01#
				±0.25pF	GRM0335C2A7R7CA01#
				±0.5pF	GRM0335C2A7R7DA01#
			7.8pF	±0.05pF	GRM0335C2A7R8WA01#
				±0.1pF	GRM0335C2A7R8BA01#
				±0.25pF	GRM0335C2A7R8CA01#
				±0.5pF	GRM0335C2A7R8DA01#
			7.9pF	±0.05pF	GRM0335C2A7R9WA01#
				±0.1pF	GRM0335C2A7R9BA01#
				±0.25pF	GRM0335C2A7R9CA01#
				±0.5pF	GRM0335C2A7R9DA01#
			8.0pF	±0.05pF	GRM0335C2A8R0WA01#
				±0.1pF	GRM0335C2A8R0BA01#
				±0.25pF	GRM0335C2A8R0CA01#
				±0.5pF	GRM0335C2A8R0DA01#
			8.1pF	±0.05pF	GRM0335C2A8R1WA01#
				±0.1pF	GRM0335C2A8R1BA01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	COG	8.1pF	±0.25pF	GRM0335C2A8R1CA01#
				±0.5pF	GRM0335C2A8R1DA01#
			8.2pF	±0.05pF	GRM0335C2A8R2WA01#
				±0.1pF	GRM0335C2A8R2BA01#
				±0.25pF	GRM0335C2A8R2CA01#
				±0.5pF	GRM0335C2A8R2DA01#
			8.3pF	±0.05pF	GRM0335C2A8R3WA01#
				±0.1pF	GRM0335C2A8R3BA01#
				±0.25pF	GRM0335C2A8R3CA01#
				±0.5pF	GRM0335C2A8R3DA01#
			8.4pF	±0.05pF	GRM0335C2A8R4WA01#
				±0.1pF	GRM0335C2A8R4BA01#
				±0.25pF	GRM0335C2A8R4CA01#
				±0.5pF	GRM0335C2A8R4DA01#
			8.5pF	±0.05pF	GRM0335C2A8R5WA01#
				±0.1pF	GRM0335C2A8R5BA01#
				±0.25pF	GRM0335C2A8R5CA01#
				±0.5pF	GRM0335C2A8R5DA01#
			8.6pF	±0.05pF	GRM0335C2A8R6WA01#
				±0.1pF	GRM0335C2A8R6BA01#
				±0.25pF	GRM0335C2A8R6CA01#
				±0.5pF	GRM0335C2A8R6DA01#
			8.7pF	±0.05pF	GRM0335C2A8R7WA01#
				±0.1pF	GRM0335C2A8R7BA01#
				±0.25pF	GRM0335C2A8R7CA01#
				±0.5pF	GRM0335C2A8R7DA01#
			8.8pF	±0.05pF	GRM0335C2A8R8WA01#
				±0.1pF	GRM0335C2A8R8BA01#
				±0.25pF	GRM0335C2A8R8CA01#
				±0.5pF	GRM0335C2A8R8DA01#
			8.9pF	±0.05pF	GRM0335C2A8R9WA01#
				±0.1pF	GRM0335C2A8R9BA01#
				±0.25pF	GRM0335C2A8R9CA01#
				±0.5pF	GRM0335C2A8R9DA01#
			9.0pF	±0.05pF	GRM0335C2A9R0WA01#
				±0.1pF	GRM0335C2A9R0BA01#
				±0.25pF	GRM0335C2A9R0CA01#
				±0.5pF	GRM0335C2A9R0DA01#
			9.1pF	±0.05pF	GRM0335C2A9R1WA01#
				±0.1pF	GRM0335C2A9R1BA01#
				±0.25pF	GRM0335C2A9R1CA01#
				±0.5pF	GRM0335C2A9R1DA01#
			9.2pF	±0.05pF	GRM0335C2A9R2WA01#
				±0.1pF	GRM0335C2A9R2BA01#
				±0.25pF	GRM0335C2A9R2CA01#
				±0.5pF	GRM0335C2A9R2DA01#
			9.3pF	±0.05pF	GRM0335C2A9R3WA01#
				±0.1pF	GRM0335C2A9R3BA01#
				±0.25pF	GRM0335C2A9R3CA01#
				±0.5pF	GRM0335C2A9R3DA01#
			9.4pF	±0.05pF	GRM0335C2A9R4WA01#
				±0.1pF	GRM0335C2A9R4BA01#
				±0.25pF	GRM0335C2A9R4CA01#
				±0.5pF	GRM0335C2A9R4DA01#

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GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.33mm	100Vdc	COG	9.5pF	±0.05pF	GRM0335C2A9R5WA01#	0.33mm	100Vdc	COG	68pF	±2%	GRM0335C2A680GA01#		
				±0.1pF	GRM0335C2A9R5BA01#					±5%	GRM0335C2A680JA01#		
				±0.25pF	GRM0335C2A9R5CA01#					75pF	±2%	GRM0335C2A750GA01#	
				±0.5pF	GRM0335C2A9R5DA01#						±5%	GRM0335C2A750JA01#	
			9.6pF	±0.05pF	GRM0335C2A9R6WA01#				82pF	±2%	GRM0335C2A820GA01#		
				±0.1pF	GRM0335C2A9R6BA01#					±5%	GRM0335C2A820JA01#		
				±0.25pF	GRM0335C2A9R6CA01#					91pF	±2%	GRM0335C2A910GA01#	
				±0.5pF	GRM0335C2A9R6DA01#						±5%	GRM0335C2A910JA01#	
			9.7pF	±0.05pF	GRM0335C2A9R7WA01#				100pF	±2%	GRM0335C2A101GA01#		
				±0.1pF	GRM0335C2A9R7BA01#					±5%	GRM0335C2A101JA01#		
				±0.25pF	GRM0335C2A9R7CA01#						CK	0.10pF	±0.05pF
				±0.5pF	GRM0335C2A9R7DA01#					0.20pF		±0.05pF	GRM0334C2AR20WA01#
			9.8pF	±0.05pF	GRM0335C2A9R8WA01#				0.30pF	±0.1pF	GRM0334C2AR20BA01#		
				±0.1pF	GRM0335C2A9R8BA01#					0.40pF	±0.05pF	GRM0334C2AR30WA01#	
				±0.25pF	GRM0335C2A9R8CA01#						±0.1pF	GRM0334C2AR30BA01#	
				±0.5pF	GRM0335C2A9R8DA01#					0.50pF	±0.05pF	GRM0334C2AR40WA01#	
			9.9pF	±0.05pF	GRM0335C2A9R9WA01#				±0.1pF		GRM0334C2AR40BA01#		
				±0.1pF	GRM0335C2A9R9BA01#				0.60pF	±0.05pF	GRM0334C2AR50WA01#		
				±0.25pF	GRM0335C2A9R9CA01#					±0.1pF	GRM0334C2AR50BA01#		
				±0.5pF	GRM0335C2A9R9DA01#				0.70pF	±0.05pF	GRM0334C2AR60WA01#		
			10pF	±2%	GRM0335C2A100GA01#					±0.1pF	GRM0334C2AR60BA01#		
				±5%	GRM0335C2A100JA01#				0.80pF	±0.05pF	GRM0334C2AR70WA01#		
				12pF	±2%					GRM0335C2A120GA01#	±0.1pF	GRM0334C2AR70BA01#	
					±5%				GRM0335C2A120JA01#	0.90pF	±0.05pF	GRM0334C2AR80WA01#	
			15pF	±2%	GRM0335C2A150GA01#				±0.1pF		GRM0334C2AR80BA01#		
				±5%	GRM0335C2A150JA01#				1.0pF	±0.05pF	GRM0334C2AR90WA01#		
			18pF	±2%	GRM0335C2A180GA01#					±0.1pF	GRM0334C2AR90BA01#		
				±5%	GRM0335C2A180JA01#				1.1pF	±0.05pF	GRM0334C2A1R0WA01#		
			20pF	±2%	GRM0335C2A200GA01#					±0.1pF	GRM0334C2A1R0BA01#		
				±5%	GRM0335C2A200JA01#				±0.25pF	GRM0334C2A1R0CA01#			
			22pF	±2%	GRM0335C2A220GA01#				1.2pF	±0.05pF	GRM0334C2A1R1WA01#		
				±5%	GRM0335C2A220JA01#					±0.1pF	GRM0334C2A1R1BA01#		
			24pF	±2%	GRM0335C2A240GA01#				±0.25pF	GRM0334C2A1R1CA01#			
				±5%	GRM0335C2A240JA01#				1.3pF	±0.05pF	GRM0334C2A1R2WA01#		
			27pF	±2%	GRM0335C2A270GA01#					±0.1pF	GRM0334C2A1R2BA01#		
				±5%	GRM0335C2A270JA01#				±0.25pF	GRM0334C2A1R2CA01#			
			30pF	±2%	GRM0335C2A300GA01#				1.4pF	±0.05pF	GRM0334C2A1R3WA01#		
				±5%	GRM0335C2A300JA01#					±0.1pF	GRM0334C2A1R3BA01#		
			33pF	±2%	GRM0335C2A330GA01#				±0.25pF	GRM0334C2A1R3CA01#			
				±5%	GRM0335C2A330JA01#				1.5pF	±0.05pF	GRM0334C2A1R4WA01#		
			36pF	±2%	GRM0335C2A360GA01#					±0.1pF	GRM0334C2A1R4BA01#		
				±5%	GRM0335C2A360JA01#				±0.25pF	GRM0334C2A1R4CA01#			
			39pF	±2%	GRM0335C2A390GA01#				1.6pF	±0.05pF	GRM0334C2A1R5WA01#		
				±5%	GRM0335C2A390JA01#					±0.1pF	GRM0334C2A1R5BA01#		
			43pF	±2%	GRM0335C2A430GA01#				±0.25pF	GRM0334C2A1R5CA01#			
				±5%	GRM0335C2A430JA01#				1.7pF	±0.05pF	GRM0334C2A1R6WA01#		
			47pF	±2%	GRM0335C2A470GA01#					±0.1pF	GRM0334C2A1R6BA01#		
				±5%	GRM0335C2A470JA01#				±0.25pF	GRM0334C2A1R6CA01#			
			51pF	±2%	GRM0335C2A510GA01#				1.8pF	±0.05pF	GRM0334C2A1R7WA01#		
				±5%	GRM0335C2A510JA01#					±0.1pF	GRM0334C2A1R7BA01#		
			56pF	±2%	GRM0335C2A560GA01#				±0.25pF	GRM0334C2A1R7CA01#			
				±5%	GRM0335C2A560JA01#				±0.05pF	±0.05pF	GRM0334C2A1R8WA01#		
			62pF	±2%	GRM0335C2A620GA01#					±0.1pF	GRM0334C2A1R8BA01#		
				±5%	GRM0335C2A620JA01#				±0.25pF	GRM0334C2A1R8CA01#			

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GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number			
0.33mm	100Vdc	CK	1.9pF	±0.05pF	GRM0334C2A1R9WA01#	0.33mm	100Vdc	CJ	3.7pF	±0.05pF	GRM0333C2A3R7WA01#			
				±0.1pF	GRM0334C2A1R9BA01#					±0.1pF	GRM0333C2A3R7BA01#			
				±0.25pF	GRM0334C2A1R9CA01#					±0.25pF	GRM0333C2A3R7CA01#			
			2.0pF	±0.05pF	GRM0334C2A2R0WA01#					3.8pF	±0.05pF	GRM0333C2A3R8WA01#		
				±0.1pF	GRM0334C2A2R0BA01#						±0.1pF	GRM0333C2A3R8BA01#		
				±0.25pF	GRM0334C2A2R0CA01#						±0.25pF	GRM0333C2A3R8CA01#		
			2.1pF	±0.05pF	GRM0333C2A2R1WA01#						3.9pF	±0.05pF	GRM0333C2A3R9WA01#	
				±0.1pF	GRM0333C2A2R1BA01#							±0.1pF	GRM0333C2A3R9BA01#	
				±0.25pF	GRM0333C2A2R1CA01#							±0.25pF	GRM0333C2A3R9CA01#	
			2.2pF	±0.05pF	GRM0333C2A2R2WA01#				4.0pF			±0.05pF	GRM0332C2A4R0WA01#	
				±0.1pF	GRM0333C2A2R2BA01#							±0.1pF	GRM0332C2A4R0BA01#	
				±0.25pF	GRM0333C2A2R2CA01#							±0.25pF	GRM0332C2A4R0CA01#	
			2.3pF	±0.05pF	GRM0333C2A2R3WA01#					4.1pF		±0.05pF	GRM0332C2A4R1WA01#	
				±0.1pF	GRM0333C2A2R3BA01#							±0.1pF	GRM0332C2A4R1BA01#	
				±0.25pF	GRM0333C2A2R3CA01#							±0.25pF	GRM0332C2A4R1CA01#	
			2.4pF	±0.05pF	GRM0333C2A2R4WA01#						4.2pF	±0.05pF	GRM0332C2A4R2WA01#	
				±0.1pF	GRM0333C2A2R4BA01#							±0.1pF	GRM0332C2A4R2BA01#	
				±0.25pF	GRM0333C2A2R4CA01#							±0.25pF	GRM0332C2A4R2CA01#	
			2.5pF	±0.05pF	GRM0333C2A2R5WA01#				4.3pF			±0.05pF	GRM0332C2A4R3WA01#	
				±0.1pF	GRM0333C2A2R5BA01#							±0.1pF	GRM0332C2A4R3BA01#	
				±0.25pF	GRM0333C2A2R5CA01#							±0.25pF	GRM0332C2A4R3CA01#	
			2.6pF	±0.05pF	GRM0333C2A2R6WA01#					4.4pF		±0.05pF	GRM0332C2A4R4WA01#	
				±0.1pF	GRM0333C2A2R6BA01#							±0.1pF	GRM0332C2A4R4BA01#	
				±0.25pF	GRM0333C2A2R6CA01#							±0.25pF	GRM0332C2A4R4CA01#	
			2.7pF	±0.05pF	GRM0333C2A2R7WA01#						4.5pF	±0.05pF	GRM0332C2A4R5WA01#	
				±0.1pF	GRM0333C2A2R7BA01#							±0.1pF	GRM0332C2A4R5BA01#	
				±0.25pF	GRM0333C2A2R7CA01#							±0.25pF	GRM0332C2A4R5CA01#	
			2.8pF	±0.05pF	GRM0333C2A2R8WA01#				4.6pF			±0.05pF	GRM0332C2A4R6WA01#	
				±0.1pF	GRM0333C2A2R8BA01#							±0.1pF	GRM0332C2A4R6BA01#	
				±0.25pF	GRM0333C2A2R8CA01#							±0.25pF	GRM0332C2A4R6CA01#	
			2.9pF	±0.05pF	GRM0333C2A2R9WA01#					4.7pF		±0.05pF	GRM0332C2A4R7WA01#	
				±0.1pF	GRM0333C2A2R9BA01#							±0.1pF	GRM0332C2A4R7BA01#	
				±0.25pF	GRM0333C2A2R9CA01#							±0.25pF	GRM0332C2A4R7CA01#	
			3.0pF	±0.05pF	GRM0333C2A3R0WA01#						4.8pF	±0.05pF	GRM0332C2A4R8WA01#	
				±0.1pF	GRM0333C2A3R0BA01#							±0.1pF	GRM0332C2A4R8BA01#	
				±0.25pF	GRM0333C2A3R0CA01#							±0.25pF	GRM0332C2A4R8CA01#	
		3.1pF	±0.05pF	GRM0333C2A3R1WA01#	4.9pF	±0.05pF	GRM0332C2A4R9WA01#							
			±0.1pF	GRM0333C2A3R1BA01#		±0.1pF	GRM0332C2A4R9BA01#							
			±0.25pF	GRM0333C2A3R1CA01#		±0.25pF	GRM0332C2A4R9CA01#							
		3.2pF	±0.05pF	GRM0333C2A3R2WA01#		5.0pF	±0.05pF	GRM0332C2A5R0WA01#						
			±0.1pF	GRM0333C2A3R2BA01#			±0.1pF	GRM0332C2A5R0BA01#						
			±0.25pF	GRM0333C2A3R2CA01#			±0.25pF	GRM0332C2A5R0CA01#						
		3.3pF	±0.05pF	GRM0333C2A3R3WA01#			5.1pF	±0.05pF	GRM0332C2A5R1WA01#					
			±0.1pF	GRM0333C2A3R3BA01#				±0.1pF	GRM0332C2A5R1BA01#					
			±0.25pF	GRM0333C2A3R3CA01#				±0.25pF	GRM0332C2A5R1CA01#					
		3.4pF	±0.05pF	GRM0333C2A3R4WA01#	5.2pF			±0.05pF	GRM0332C2A5R2WA01#					
			±0.1pF	GRM0333C2A3R4BA01#				±0.1pF	GRM0332C2A5R2BA01#					
			±0.25pF	GRM0333C2A3R4CA01#				±0.25pF	GRM0332C2A5R2CA01#					
		3.5pF	±0.05pF	GRM0333C2A3R5WA01#		5.3pF		±0.05pF	GRM0332C2A5R3WA01#					
			±0.1pF	GRM0333C2A3R5BA01#				±0.1pF	GRM0332C2A5R3BA01#					
			±0.25pF	GRM0333C2A3R5CA01#				±0.25pF	GRM0332C2A5R3CA01#					
		3.6pF	±0.05pF	GRM0333C2A3R6WA01#			5.3pF	±0.05pF	GRM0332C2A5R3WA01#					
			±0.1pF	GRM0333C2A3R6BA01#				±0.1pF	GRM0332C2A5R3BA01#					
			±0.25pF	GRM0333C2A3R6CA01#				±0.25pF	GRM0332C2A5R3CA01#					
													±0.5pF	GRM0332C2A5R3DA01#

Part number # indicates the package specification code.

- GRM
- GR3
- GRJ
- GR4
- GR7
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- GQM
- GA2
- GA3 GB
- GA3 GD
- GA3 GF
- LLL
- LLA
- LLM
- LLR
- NFM
- KRM
- KR3
- GMA
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- ⚠Caution /Notice

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	100Vdc	CH	5.4pF	±0.05pF	GRM0332C2A5R4WA01#	0.33mm	100Vdc	CH	6.7pF	±0.25pF	GRM0332C2A6R7CA01#	
				±0.1pF	GRM0332C2A5R4BA01#					±0.5pF	GRM0332C2A6R7DA01#	
				±0.25pF	GRM0332C2A5R4CA01#					6.8pF	±0.05pF	GRM0332C2A6R8WA01#
				±0.5pF	GRM0332C2A5R4DA01#						±0.1pF	GRM0332C2A6R8BA01#
			5.5pF	±0.05pF	GRM0332C2A5R5WA01#				±0.25pF		GRM0332C2A6R8CA01#	
				±0.1pF	GRM0332C2A5R5BA01#				±0.5pF		GRM0332C2A6R8DA01#	
				±0.25pF	GRM0332C2A5R5CA01#				6.9pF	±0.05pF	GRM0332C2A6R9WA01#	
				±0.5pF	GRM0332C2A5R5DA01#					±0.1pF	GRM0332C2A6R9BA01#	
			5.6pF	±0.05pF	GRM0332C2A5R6WA01#					±0.25pF	GRM0332C2A6R9CA01#	
				±0.1pF	GRM0332C2A5R6BA01#					±0.5pF	GRM0332C2A6R9DA01#	
				±0.25pF	GRM0332C2A5R6CA01#				7.0pF	±0.05pF	GRM0332C2A7R0WA01#	
				±0.5pF	GRM0332C2A5R6DA01#					±0.1pF	GRM0332C2A7R0BA01#	
			5.7pF	±0.05pF	GRM0332C2A5R7WA01#					±0.25pF	GRM0332C2A7R0CA01#	
				±0.1pF	GRM0332C2A5R7BA01#					±0.5pF	GRM0332C2A7R0DA01#	
				±0.25pF	GRM0332C2A5R7CA01#				7.1pF	±0.05pF	GRM0332C2A7R1WA01#	
				±0.5pF	GRM0332C2A5R7DA01#					±0.1pF	GRM0332C2A7R1BA01#	
			5.8pF	±0.05pF	GRM0332C2A5R8WA01#					±0.25pF	GRM0332C2A7R1CA01#	
				±0.1pF	GRM0332C2A5R8BA01#					±0.5pF	GRM0332C2A7R1DA01#	
				±0.25pF	GRM0332C2A5R8CA01#				7.2pF	±0.05pF	GRM0332C2A7R2WA01#	
				±0.5pF	GRM0332C2A5R8DA01#					±0.1pF	GRM0332C2A7R2BA01#	
			5.9pF	±0.05pF	GRM0332C2A5R9WA01#					±0.25pF	GRM0332C2A7R2CA01#	
				±0.1pF	GRM0332C2A5R9BA01#					±0.5pF	GRM0332C2A7R2DA01#	
				±0.25pF	GRM0332C2A5R9CA01#				7.3pF	±0.05pF	GRM0332C2A7R3WA01#	
				±0.5pF	GRM0332C2A5R9DA01#					±0.1pF	GRM0332C2A7R3BA01#	
			6.0pF	±0.05pF	GRM0332C2A6R0WA01#					±0.25pF	GRM0332C2A7R3CA01#	
				±0.1pF	GRM0332C2A6R0BA01#					±0.5pF	GRM0332C2A7R3DA01#	
				±0.25pF	GRM0332C2A6R0CA01#				7.4pF	±0.05pF	GRM0332C2A7R4WA01#	
				±0.5pF	GRM0332C2A6R0DA01#					±0.1pF	GRM0332C2A7R4BA01#	
			6.1pF	±0.05pF	GRM0332C2A6R1WA01#					±0.25pF	GRM0332C2A7R4CA01#	
				±0.1pF	GRM0332C2A6R1BA01#					±0.5pF	GRM0332C2A7R4DA01#	
				±0.25pF	GRM0332C2A6R1CA01#				7.5pF	±0.05pF	GRM0332C2A7R5WA01#	
				±0.5pF	GRM0332C2A6R1DA01#					±0.1pF	GRM0332C2A7R5BA01#	
			6.2pF	±0.05pF	GRM0332C2A6R2WA01#					±0.25pF	GRM0332C2A7R5CA01#	
				±0.1pF	GRM0332C2A6R2BA01#					±0.5pF	GRM0332C2A7R5DA01#	
				±0.25pF	GRM0332C2A6R2CA01#				7.6pF	±0.05pF	GRM0332C2A7R6WA01#	
				±0.5pF	GRM0332C2A6R2DA01#					±0.1pF	GRM0332C2A7R6BA01#	
			6.3pF	±0.05pF	GRM0332C2A6R3WA01#					±0.25pF	GRM0332C2A7R6CA01#	
				±0.1pF	GRM0332C2A6R3BA01#					±0.5pF	GRM0332C2A7R6DA01#	
				±0.25pF	GRM0332C2A6R3CA01#				7.7pF	±0.05pF	GRM0332C2A7R7WA01#	
				±0.5pF	GRM0332C2A6R3DA01#					±0.1pF	GRM0332C2A7R7BA01#	
			6.4pF	±0.05pF	GRM0332C2A6R4WA01#					±0.25pF	GRM0332C2A7R7CA01#	
				±0.1pF	GRM0332C2A6R4BA01#					±0.5pF	GRM0332C2A7R7DA01#	
				±0.25pF	GRM0332C2A6R4CA01#				7.8pF	±0.05pF	GRM0332C2A7R8WA01#	
				±0.5pF	GRM0332C2A6R4DA01#					±0.1pF	GRM0332C2A7R8BA01#	
			6.5pF	±0.05pF	GRM0332C2A6R5WA01#					±0.25pF	GRM0332C2A7R8CA01#	
				±0.1pF	GRM0332C2A6R5BA01#					±0.5pF	GRM0332C2A7R8DA01#	
				±0.25pF	GRM0332C2A6R5CA01#				7.9pF	±0.05pF	GRM0332C2A7R9WA01#	
				±0.5pF	GRM0332C2A6R5DA01#					±0.1pF	GRM0332C2A7R9BA01#	
			6.6pF	±0.05pF	GRM0332C2A6R6WA01#					±0.25pF	GRM0332C2A7R9CA01#	
				±0.1pF	GRM0332C2A6R6BA01#					±0.5pF	GRM0332C2A7R9DA01#	
				±0.25pF	GRM0332C2A6R6CA01#				8.0pF	±0.05pF	GRM0332C2A8R0WA01#	
				±0.5pF	GRM0332C2A6R6DA01#					±0.1pF	GRM0332C2A8R0BA01#	
			6.7pF	±0.05pF	GRM0332C2A6R7WA01#					±0.25pF	GRM0332C2A8R0CA01#	
				±0.1pF	GRM0332C2A6R7BA01#					±0.5pF	GRM0332C2A8R0DA01#	

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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	8.1pF	±0.05pF	GRM0332C2A8R1WA01#
				±0.1pF	GRM0332C2A8R1BA01#
				±0.25pF	GRM0332C2A8R1CA01#
				±0.5pF	GRM0332C2A8R1DA01#
			8.2pF	±0.05pF	GRM0332C2A8R2WA01#
				±0.1pF	GRM0332C2A8R2BA01#
				±0.25pF	GRM0332C2A8R2CA01#
				±0.5pF	GRM0332C2A8R2DA01#
			8.3pF	±0.05pF	GRM0332C2A8R3WA01#
				±0.1pF	GRM0332C2A8R3BA01#
				±0.25pF	GRM0332C2A8R3CA01#
				±0.5pF	GRM0332C2A8R3DA01#
			8.4pF	±0.05pF	GRM0332C2A8R4WA01#
				±0.1pF	GRM0332C2A8R4BA01#
				±0.25pF	GRM0332C2A8R4CA01#
				±0.5pF	GRM0332C2A8R4DA01#
			8.5pF	±0.05pF	GRM0332C2A8R5WA01#
				±0.1pF	GRM0332C2A8R5BA01#
				±0.25pF	GRM0332C2A8R5CA01#
				±0.5pF	GRM0332C2A8R5DA01#
			8.6pF	±0.05pF	GRM0332C2A8R6WA01#
				±0.1pF	GRM0332C2A8R6BA01#
				±0.25pF	GRM0332C2A8R6CA01#
				±0.5pF	GRM0332C2A8R6DA01#
			8.7pF	±0.05pF	GRM0332C2A8R7WA01#
				±0.1pF	GRM0332C2A8R7BA01#
				±0.25pF	GRM0332C2A8R7CA01#
				±0.5pF	GRM0332C2A8R7DA01#
			8.8pF	±0.05pF	GRM0332C2A8R8WA01#
				±0.1pF	GRM0332C2A8R8BA01#
				±0.25pF	GRM0332C2A8R8CA01#
				±0.5pF	GRM0332C2A8R8DA01#
			8.9pF	±0.05pF	GRM0332C2A8R9WA01#
				±0.1pF	GRM0332C2A8R9BA01#
				±0.25pF	GRM0332C2A8R9CA01#
				±0.5pF	GRM0332C2A8R9DA01#
			9.0pF	±0.05pF	GRM0332C2A9R0WA01#
				±0.1pF	GRM0332C2A9R0BA01#
				±0.25pF	GRM0332C2A9R0CA01#
				±0.5pF	GRM0332C2A9R0DA01#
			9.1pF	±0.05pF	GRM0332C2A9R1WA01#
				±0.1pF	GRM0332C2A9R1BA01#
				±0.25pF	GRM0332C2A9R1CA01#
				±0.5pF	GRM0332C2A9R1DA01#
			9.2pF	±0.05pF	GRM0332C2A9R2WA01#
				±0.1pF	GRM0332C2A9R2BA01#
				±0.25pF	GRM0332C2A9R2CA01#
				±0.5pF	GRM0332C2A9R2DA01#
			9.3pF	±0.05pF	GRM0332C2A9R3WA01#
				±0.1pF	GRM0332C2A9R3BA01#
				±0.25pF	GRM0332C2A9R3CA01#
				±0.5pF	GRM0332C2A9R3DA01#
			9.4pF	±0.05pF	GRM0332C2A9R4WA01#
				±0.1pF	GRM0332C2A9R4BA01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	CH	9.4pF	±0.25pF	GRM0332C2A9R4CA01#
				±0.5pF	GRM0332C2A9R4DA01#
			9.5pF	±0.05pF	GRM0332C2A9R5WA01#
				±0.1pF	GRM0332C2A9R5BA01#
				±0.25pF	GRM0332C2A9R5CA01#
			9.6pF	±0.05pF	GRM0332C2A9R6WA01#
				±0.1pF	GRM0332C2A9R6BA01#
				±0.25pF	GRM0332C2A9R6CA01#
			9.7pF	±0.05pF	GRM0332C2A9R7WA01#
				±0.1pF	GRM0332C2A9R7BA01#
				±0.25pF	GRM0332C2A9R7CA01#
			9.8pF	±0.05pF	GRM0332C2A9R8WA01#
				±0.1pF	GRM0332C2A9R8BA01#
				±0.25pF	GRM0332C2A9R8CA01#
			9.9pF	±0.05pF	GRM0332C2A9R9WA01#
				±0.1pF	GRM0332C2A9R9BA01#
				±0.25pF	GRM0332C2A9R9CA01#
			10pF	±2%	GRM0332C2A100GA01#
				±5%	GRM0332C2A100JA01#
			12pF	±2%	GRM0332C2A120GA01#
				±5%	GRM0332C2A120JA01#
			15pF	±2%	GRM0332C2A150GA01#
				±5%	GRM0332C2A150JA01#
			18pF	±2%	GRM0332C2A180GA01#
				±5%	GRM0332C2A180JA01#
			20pF	±2%	GRM0332C2A200GA01#
				±5%	GRM0332C2A200JA01#
			22pF	±2%	GRM0332C2A220GA01#
				±5%	GRM0332C2A220JA01#
			24pF	±2%	GRM0332C2A240GA01#
				±5%	GRM0332C2A240JA01#
			27pF	±2%	GRM0332C2A270GA01#
				±5%	GRM0332C2A270JA01#
			30pF	±2%	GRM0332C2A300GA01#
				±5%	GRM0332C2A300JA01#
			33pF	±2%	GRM0332C2A330GA01#
				±5%	GRM0332C2A330JA01#
			36pF	±2%	GRM0332C2A360GA01#
				±5%	GRM0332C2A360JA01#
			39pF	±2%	GRM0332C2A390GA01#
				±5%	GRM0332C2A390JA01#
			43pF	±2%	GRM0332C2A430GA01#
				±5%	GRM0332C2A430JA01#
			47pF	±2%	GRM0332C2A470GA01#
				±5%	GRM0332C2A470JA01#
			51pF	±2%	GRM0332C2A510GA01#
				±5%	GRM0332C2A510JA01#
			56pF	±2%	GRM0332C2A560GA01#
				±5%	GRM0332C2A560JA01#

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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	100Vdc	CH	62pF	±2%	GRM0332C2A620GA01#	0.33mm	50Vdc	COG	1.8pF	±0.1pF	GRM0335C1H1R8BA01#
				±5%	GRM0332C2A620JA01#					±0.25pF	GRM0335C1H1R8CA01#
			68pF	±2%	GRM0332C2A680GA01#				1.9pF	±0.05pF	GRM0335C1H1R9WA01#
				±5%	GRM0332C2A680JA01#					±0.1pF	GRM0335C1H1R9BA01#
			75pF	±2%	GRM0332C2A750GA01#				2.0pF	±0.25pF	GRM0335C1H1R9CA01#
				±5%	GRM0332C2A750JA01#					±0.05pF	GRM0335C1H2R0WA01#
			82pF	±2%	GRM0332C2A820GA01#				2.1pF	±0.1pF	GRM0335C1H2R0BA01#
				±5%	GRM0332C2A820JA01#					±0.25pF	GRM0335C1H2R0CA01#
			91pF	±2%	GRM0332C2A910GA01#				2.1pF	±0.05pF	GRM0335C1H2R1WA01#
				±5%	GRM0332C2A910JA01#					±0.1pF	GRM0335C1H2R1BA01#
			100pF	±2%	GRM0332C2A101GA01#				2.1pF	±0.25pF	GRM0335C1H2R1CA01#
				±5%	GRM0332C2A101JA01#					2.2pF	±0.05pF
	50Vdc	COG	0.10pF	±0.05pF	GRM0335C1HR10WA01#				2.2pF		±0.1pF
				±0.1pF	GRM0335C1HR10BA01#					±0.25pF	GRM0335C1H2R2CA01#
			0.20pF	±0.05pF	GRM0335C1HR20WA01#				2.3pF	±0.05pF	GRM0335C1H2R3WA01#
				±0.1pF	GRM0335C1HR20BA01#					±0.1pF	GRM0335C1H2R3BA01#
			0.30pF	±0.05pF	GRM0335C1HR30WA01#				2.3pF	±0.25pF	GRM0335C1H2R3CA01#
				±0.1pF	GRM0335C1HR30BA01#					2.4pF	±0.05pF
			0.40pF	±0.05pF	GRM0335C1HR40WA01#				2.4pF		±0.1pF
				±0.1pF	GRM0335C1HR40BA01#					±0.25pF	GRM0335C1H2R4CA01#
			0.50pF	±0.05pF	GRM0335C1HR50WA01#				2.5pF	±0.05pF	GRM0335C1H2R5WA01#
				±0.1pF	GRM0335C1HR50BA01#					±0.1pF	GRM0335C1H2R5BA01#
			0.60pF	±0.05pF	GRM0335C1HR60WA01#				2.5pF	±0.25pF	GRM0335C1H2R5CA01#
				±0.1pF	GRM0335C1HR60BA01#					2.6pF	±0.05pF
0.70pF			±0.05pF	GRM0335C1HR70WA01#	2.6pF	±0.1pF	GRM0335C1H2R6BA01#				
			±0.1pF	GRM0335C1HR70BA01#		±0.25pF	GRM0335C1H2R6CA01#				
0.80pF			±0.05pF	GRM0335C1HR80WA01#	2.7pF	±0.05pF	GRM0335C1H2R7WA01#				
			±0.1pF	GRM0335C1HR80BA01#		±0.1pF	GRM0335C1H2R7BA01#				
0.90pF			±0.05pF	GRM0335C1HR90WA01#	2.7pF	±0.25pF	GRM0335C1H2R7CA01#				
			±0.1pF	GRM0335C1HR90BA01#		2.8pF	±0.05pF	GRM0335C1H2R8WA01#			
1.0pF			±0.05pF	GRM0335C1H1R0WA01#	2.8pF		±0.1pF	GRM0335C1H2R8BA01#			
			±0.1pF	GRM0335C1H1R0BA01#		±0.25pF	GRM0335C1H2R8CA01#				
			±0.25pF	GRM0335C1H1R0CA01#		2.9pF	±0.05pF	GRM0335C1H2R9WA01#			
1.1pF			±0.05pF	GRM0335C1H1R1WA01#	2.9pF		±0.1pF	GRM0335C1H2R9BA01#			
			±0.1pF	GRM0335C1H1R1BA01#			±0.25pF	GRM0335C1H2R9CA01#			
			±0.25pF	GRM0335C1H1R1CA01#		3.0pF	±0.05pF	GRM0335C1H3R0WA01#			
1.2pF	±0.05pF	GRM0335C1H1R2WA01#	3.0pF	±0.1pF	GRM0335C1H3R0BA01#						
	±0.1pF	GRM0335C1H1R2BA01#		±0.25pF	GRM0335C1H3R0CA01#						
	±0.25pF	GRM0335C1H1R2CA01#		3.1pF	±0.05pF	GRM0335C1H3R1WA01#					
1.3pF	±0.05pF	GRM0335C1H1R3WA01#	3.1pF		±0.1pF	GRM0335C1H3R1BA01#					
	±0.1pF	GRM0335C1H1R3BA01#			±0.25pF	GRM0335C1H3R1CA01#					
	±0.25pF	GRM0335C1H1R3CA01#		3.2pF	±0.05pF	GRM0335C1H3R2WA01#					
1.4pF	±0.05pF	GRM0335C1H1R4WA01#	3.2pF		±0.1pF	GRM0335C1H3R2BA01#					
	±0.1pF	GRM0335C1H1R4BA01#			±0.25pF	GRM0335C1H3R2CA01#					
	±0.25pF	GRM0335C1H1R4CA01#		3.3pF	±0.05pF	GRM0335C1H3R3WA01#					
1.5pF	±0.05pF	GRM0335C1H1R5WA01#	3.3pF		±0.1pF	GRM0335C1H3R3BA01#					
	±0.1pF	GRM0335C1H1R5BA01#			±0.25pF	GRM0335C1H3R3CA01#					
	±0.25pF	GRM0335C1H1R5CA01#		3.4pF	±0.05pF	GRM0335C1H3R4WA01#					
1.6pF	±0.05pF	GRM0335C1H1R6WA01#	3.4pF		±0.1pF	GRM0335C1H3R4BA01#					
	±0.1pF	GRM0335C1H1R6BA01#			±0.25pF	GRM0335C1H3R4CA01#					
	±0.25pF	GRM0335C1H1R6CA01#		3.5pF	±0.05pF	GRM0335C1H3R5WA01#					
1.7pF	±0.05pF	GRM0335C1H1R7WA01#	3.5pF		±0.1pF	GRM0335C1H3R5BA01#					
	±0.1pF	GRM0335C1H1R7BA01#			±0.25pF	GRM0335C1H3R5CA01#					
	±0.25pF	GRM0335C1H1R7CA01#		3.6pF	±0.05pF	GRM0335C1H3R6WA01#					
±0.05pF	GRM0335C1H1R8WA01#										

- GRM
- GR3
- GRJ
- GR4
- GR7
- 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	3.6pF	±0.1pF	GRM0335C1H3R6BA01#
				±0.25pF	GRM0335C1H3R6CA01#
			3.7pF	±0.05pF	GRM0335C1H3R7WA01#
				±0.1pF	GRM0335C1H3R7BA01#
				±0.25pF	GRM0335C1H3R7CA01#
			3.8pF	±0.05pF	GRM0335C1H3R8WA01#
				±0.1pF	GRM0335C1H3R8BA01#
				±0.25pF	GRM0335C1H3R8CA01#
			3.9pF	±0.05pF	GRM0335C1H3R9WA01#
				±0.1pF	GRM0335C1H3R9BA01#
				±0.25pF	GRM0335C1H3R9CA01#
			4.0pF	±0.05pF	GRM0335C1H4R0WA01#
				±0.1pF	GRM0335C1H4R0BA01#
				±0.25pF	GRM0335C1H4R0CA01#
			4.1pF	±0.05pF	GRM0335C1H4R1WA01#
				±0.1pF	GRM0335C1H4R1BA01#
				±0.25pF	GRM0335C1H4R1CA01#
			4.2pF	±0.05pF	GRM0335C1H4R2WA01#
				±0.1pF	GRM0335C1H4R2BA01#
				±0.25pF	GRM0335C1H4R2CA01#
			4.3pF	±0.05pF	GRM0335C1H4R3WA01#
				±0.1pF	GRM0335C1H4R3BA01#
				±0.25pF	GRM0335C1H4R3CA01#
			4.4pF	±0.05pF	GRM0335C1H4R4WA01#
				±0.1pF	GRM0335C1H4R4BA01#
				±0.25pF	GRM0335C1H4R4CA01#
			4.5pF	±0.05pF	GRM0335C1H4R5WA01#
				±0.1pF	GRM0335C1H4R5BA01#
				±0.25pF	GRM0335C1H4R5CA01#
			4.6pF	±0.05pF	GRM0335C1H4R6WA01#
				±0.1pF	GRM0335C1H4R6BA01#
				±0.25pF	GRM0335C1H4R6CA01#
			4.7pF	±0.05pF	GRM0335C1H4R7WA01#
				±0.1pF	GRM0335C1H4R7BA01#
				±0.25pF	GRM0335C1H4R7CA01#
			4.8pF	±0.05pF	GRM0335C1H4R8WA01#
				±0.1pF	GRM0335C1H4R8BA01#
				±0.25pF	GRM0335C1H4R8CA01#
			4.9pF	±0.05pF	GRM0335C1H4R9WA01#
				±0.1pF	GRM0335C1H4R9BA01#
				±0.25pF	GRM0335C1H4R9CA01#
			5.0pF	±0.05pF	GRM0335C1H5R0WA01#
				±0.1pF	GRM0335C1H5R0BA01#
				±0.25pF	GRM0335C1H5R0CA01#
			5.1pF	±0.05pF	GRM0335C1H5R1WA01#
				±0.1pF	GRM0335C1H5R1BA01#
				±0.25pF	GRM0335C1H5R1CA01#
				±0.5pF	GRM0335C1H5R1DA01#
			5.2pF	±0.05pF	GRM0335C1H5R2WA01#
				±0.1pF	GRM0335C1H5R2BA01#
				±0.25pF	GRM0335C1H5R2CA01#
				±0.5pF	GRM0335C1H5R2DA01#
			5.3pF	±0.05pF	GRM0335C1H5R3WA01#
				±0.1pF	GRM0335C1H5R3BA01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	50Vdc	COG	5.3pF	±0.25pF	GRM0335C1H5R3CA01#
				±0.5pF	GRM0335C1H5R3DA01#
			5.4pF	±0.05pF	GRM0335C1H5R4WA01#
				±0.1pF	GRM0335C1H5R4BA01#
				±0.25pF	GRM0335C1H5R4CA01#
			5.5pF	±0.05pF	GRM0335C1H5R5WA01#
				±0.1pF	GRM0335C1H5R5BA01#
				±0.25pF	GRM0335C1H5R5CA01#
			5.6pF	±0.05pF	GRM0335C1H5R6WA01#
				±0.1pF	GRM0335C1H5R6BA01#
				±0.25pF	GRM0335C1H5R6CA01#
			5.7pF	±0.05pF	GRM0335C1H5R7WA01#
				±0.1pF	GRM0335C1H5R7BA01#
				±0.25pF	GRM0335C1H5R7CA01#
			5.8pF	±0.05pF	GRM0335C1H5R8WA01#
				±0.1pF	GRM0335C1H5R8BA01#
				±0.25pF	GRM0335C1H5R8CA01#
			5.9pF	±0.05pF	GRM0335C1H5R9WA01#
				±0.1pF	GRM0335C1H5R9BA01#
				±0.25pF	GRM0335C1H5R9CA01#
			6.0pF	±0.05pF	GRM0335C1H6R0WA01#
				±0.1pF	GRM0335C1H6R0BA01#
				±0.25pF	GRM0335C1H6R0CA01#
			6.1pF	±0.05pF	GRM0335C1H6R1WA01#
				±0.1pF	GRM0335C1H6R1BA01#
				±0.25pF	GRM0335C1H6R1CA01#
			6.2pF	±0.05pF	GRM0335C1H6R2WA01#
				±0.1pF	GRM0335C1H6R2BA01#
				±0.25pF	GRM0335C1H6R2CA01#
			6.3pF	±0.05pF	GRM0335C1H6R3WA01#
				±0.1pF	GRM0335C1H6R3BA01#
				±0.25pF	GRM0335C1H6R3CA01#
			6.4pF	±0.05pF	GRM0335C1H6R4WA01#
				±0.1pF	GRM0335C1H6R4BA01#
				±0.25pF	GRM0335C1H6R4CA01#
			6.5pF	±0.05pF	GRM0335C1H6R5WA01#
				±0.1pF	GRM0335C1H6R5BA01#
				±0.25pF	GRM0335C1H6R5CA01#
			6.6pF	±0.05pF	GRM0335C1H6R6WA01#
				±0.1pF	GRM0335C1H6R6BA01#
				±0.25pF	GRM0335C1H6R6CA01#

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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	50Vdc	COG	6.7pF	±0.05pF	GRM0335C1H6R7WA01#	0.33mm	50Vdc	COG	8.0pF	±0.25pF	GRM0335C1H8ROCA01#	
				±0.1pF	GRM0335C1H6R7BA01#					±0.5pF	GRM0335C1H8RODA01#	
				±0.25pF	GRM0335C1H6R7CA01#					8.1pF	±0.05pF	GRM0335C1H8R1WA01#
				±0.5pF	GRM0335C1H6R7DA01#						±0.1pF	GRM0335C1H8R1BA01#
			6.8pF	±0.05pF	GRM0335C1H6R8WA01#				±0.25pF		GRM0335C1H8R1CA01#	
				±0.1pF	GRM0335C1H6R8BA01#				±0.5pF		GRM0335C1H8R1DA01#	
				±0.25pF	GRM0335C1H6R8CA01#				8.2pF	±0.05pF	GRM0335C1H8R2WA01#	
				±0.5pF	GRM0335C1H6R8DA01#					±0.1pF	GRM0335C1H8R2BA01#	
			6.9pF	±0.05pF	GRM0335C1H6R9WA01#					±0.25pF	GRM0335C1H8R2CA01#	
				±0.1pF	GRM0335C1H6R9BA01#					±0.5pF	GRM0335C1H8R2DA01#	
				±0.25pF	GRM0335C1H6R9CA01#				8.3pF	±0.05pF	GRM0335C1H8R3WA01#	
				±0.5pF	GRM0335C1H6R9DA01#					±0.1pF	GRM0335C1H8R3BA01#	
			7.0pF	±0.05pF	GRM0335C1H7R0WA01#					±0.25pF	GRM0335C1H8R3CA01#	
				±0.1pF	GRM0335C1H7R0BA01#					±0.5pF	GRM0335C1H8R3DA01#	
				±0.25pF	GRM0335C1H7R0CA01#				8.4pF	±0.05pF	GRM0335C1H8R4WA01#	
				±0.5pF	GRM0335C1H7R0DA01#					±0.1pF	GRM0335C1H8R4BA01#	
			7.1pF	±0.05pF	GRM0335C1H7R1WA01#					±0.25pF	GRM0335C1H8R4CA01#	
				±0.1pF	GRM0335C1H7R1BA01#					±0.5pF	GRM0335C1H8R4DA01#	
				±0.25pF	GRM0335C1H7R1CA01#				8.5pF	±0.05pF	GRM0335C1H8R5WA01#	
				±0.5pF	GRM0335C1H7R1DA01#					±0.1pF	GRM0335C1H8R5BA01#	
			7.2pF	±0.05pF	GRM0335C1H7R2WA01#					±0.25pF	GRM0335C1H8R5CA01#	
				±0.1pF	GRM0335C1H7R2BA01#					±0.5pF	GRM0335C1H8R5DA01#	
				±0.25pF	GRM0335C1H7R2CA01#				8.6pF	±0.05pF	GRM0335C1H8R6WA01#	
				±0.5pF	GRM0335C1H7R2DA01#					±0.1pF	GRM0335C1H8R6BA01#	
			7.3pF	±0.05pF	GRM0335C1H7R3WA01#					±0.25pF	GRM0335C1H8R6CA01#	
				±0.1pF	GRM0335C1H7R3BA01#					±0.5pF	GRM0335C1H8R6DA01#	
				±0.25pF	GRM0335C1H7R3CA01#				8.7pF	±0.05pF	GRM0335C1H8R7WA01#	
				±0.5pF	GRM0335C1H7R3DA01#					±0.1pF	GRM0335C1H8R7BA01#	
			7.4pF	±0.05pF	GRM0335C1H7R4WA01#					±0.25pF	GRM0335C1H8R7CA01#	
				±0.1pF	GRM0335C1H7R4BA01#					±0.5pF	GRM0335C1H8R7DA01#	
				±0.25pF	GRM0335C1H7R4CA01#				8.8pF	±0.05pF	GRM0335C1H8R8WA01#	
				±0.5pF	GRM0335C1H7R4DA01#					±0.1pF	GRM0335C1H8R8BA01#	
			7.5pF	±0.05pF	GRM0335C1H7R5WA01#					±0.25pF	GRM0335C1H8R8CA01#	
				±0.1pF	GRM0335C1H7R5BA01#					±0.5pF	GRM0335C1H8R8DA01#	
				±0.25pF	GRM0335C1H7R5CA01#				8.9pF	±0.05pF	GRM0335C1H8R9WA01#	
				±0.5pF	GRM0335C1H7R5DA01#					±0.1pF	GRM0335C1H8R9BA01#	
			7.6pF	±0.05pF	GRM0335C1H7R6WA01#					±0.25pF	GRM0335C1H8R9CA01#	
				±0.1pF	GRM0335C1H7R6BA01#					±0.5pF	GRM0335C1H8R9DA01#	
				±0.25pF	GRM0335C1H7R6CA01#				9.0pF	±0.05pF	GRM0335C1H9R0WA01#	
				±0.5pF	GRM0335C1H7R6DA01#					±0.1pF	GRM0335C1H9R0BA01#	
			7.7pF	±0.05pF	GRM0335C1H7R7WA01#					±0.25pF	GRM0335C1H9R0CA01#	
				±0.1pF	GRM0335C1H7R7BA01#					±0.5pF	GRM0335C1H9R0DA01#	
				±0.25pF	GRM0335C1H7R7CA01#				9.1pF	±0.05pF	GRM0335C1H9R1WA01#	
				±0.5pF	GRM0335C1H7R7DA01#					±0.1pF	GRM0335C1H9R1BA01#	
			7.8pF	±0.05pF	GRM0335C1H7R8WA01#					±0.25pF	GRM0335C1H9R1CA01#	
				±0.1pF	GRM0335C1H7R8BA01#					±0.5pF	GRM0335C1H9R1DA01#	
				±0.25pF	GRM0335C1H7R8CA01#				9.2pF	±0.05pF	GRM0335C1H9R2WA01#	
				±0.5pF	GRM0335C1H7R8DA01#					±0.1pF	GRM0335C1H9R2BA01#	
			7.9pF	±0.05pF	GRM0335C1H7R9WA01#					±0.25pF	GRM0335C1H9R2CA01#	
				±0.1pF	GRM0335C1H7R9BA01#					±0.5pF	GRM0335C1H9R2DA01#	
				±0.25pF	GRM0335C1H7R9CA01#				9.3pF	±0.05pF	GRM0335C1H9R3WA01#	
				±0.5pF	GRM0335C1H7R9DA01#					±0.1pF	GRM0335C1H9R3BA01#	
			8.0pF	±0.05pF	GRM0335C1H8R0WA01#					±0.25pF	GRM0335C1H9R3CA01#	
				±0.1pF	GRM0335C1H8R0BA01#					±0.5pF	GRM0335C1H9R3DA01#	

GRM
 GR3
 GRJ
 GR4
 GR7
 GJM
 GQM
 GA2
 GA3 GB
 GA3 GD
 GA3 GF
 LLL
 LLA
 LLM
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 NFM
 KRM
 KR3
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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	9.4pF	±0.05pF	GRM0335C1H9R4WA01#
				±0.1pF	GRM0335C1H9R4BA01#
				±0.25pF	GRM0335C1H9R4CA01#
				±0.5pF	GRM0335C1H9R4DA01#
			9.5pF	±0.05pF	GRM0335C1H9R5WA01#
				±0.1pF	GRM0335C1H9R5BA01#
				±0.25pF	GRM0335C1H9R5CA01#
				±0.5pF	GRM0335C1H9R5DA01#
			9.6pF	±0.05pF	GRM0335C1H9R6WA01#
				±0.1pF	GRM0335C1H9R6BA01#
				±0.25pF	GRM0335C1H9R6CA01#
				±0.5pF	GRM0335C1H9R6DA01#
			9.7pF	±0.05pF	GRM0335C1H9R7WA01#
				±0.1pF	GRM0335C1H9R7BA01#
				±0.25pF	GRM0335C1H9R7CA01#
				±0.5pF	GRM0335C1H9R7DA01#
			9.8pF	±0.05pF	GRM0335C1H9R8WA01#
				±0.1pF	GRM0335C1H9R8BA01#
				±0.25pF	GRM0335C1H9R8CA01#
				±0.5pF	GRM0335C1H9R8DA01#
			9.9pF	±0.05pF	GRM0335C1H9R9WA01#
				±0.1pF	GRM0335C1H9R9BA01#
				±0.25pF	GRM0335C1H9R9CA01#
				±0.5pF	GRM0335C1H9R9DA01#
			10pF	±2%	GRM0335C1H100GA01#
				±5%	GRM0335C1H100JA01#
			12pF	±2%	GRM0335C1H120GA01#
				±5%	GRM0335C1H120JA01#
			15pF	±2%	GRM0335C1H150GA01#
				±5%	GRM0335C1H150JA01#
			18pF	±2%	GRM0335C1H180GA01#
				±5%	GRM0335C1H180JA01#
			22pF	±2%	GRM0335C1H220GA01#
				±5%	GRM0335C1H220JA01#
			27pF	±2%	GRM0335C1H270GA01#
				±5%	GRM0335C1H270JA01#
			33pF	±2%	GRM0335C1H330GA01#
				±5%	GRM0335C1H330JA01#
			39pF	±2%	GRM0335C1H390GA01#
				±5%	GRM0335C1H390JA01#
			47pF	±2%	GRM0335C1H470GA01#
				±5%	GRM0335C1H470JA01#
			56pF	±2%	GRM0335C1H560GA01#
				±5%	GRM0335C1H560JA01#
			68pF	±2%	GRM0335C1H680GA01#
				±5%	GRM0335C1H680JA01#
			82pF	±2%	GRM0335C1H820GA01#
				±5%	GRM0335C1H820JA01#
			100pF	±2%	GRM0335C1H101GA01#
				±5%	GRM0335C1H101JA01#
			120pF	±2%	GRM0335C1H121GA01#
				±5%	GRM0335C1H121JA01#
			150pF	±2%	GRM0335C1H151GA01#
				±5%	GRM0335C1H151JA01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number		
0.33mm	50Vdc	COG	180pF	±2%	GRM0335C1H181GA01#		
				±5%	GRM0335C1H181JA01#		
				220pF	±2%	GRM0335C1H221GA01#	
					±5%	GRM0335C1H221JA01#	
			CK	0.10pF	±0.05pF	GRM0334C1HR10WA01#	
					0.20pF	±0.05pF	GRM0334C1HR20WA01#
						±0.1pF	GRM0334C1HR20BA01#
					0.30pF	±0.05pF	GRM0334C1HR30WA01#
						±0.1pF	GRM0334C1HR30BA01#
					0.40pF	±0.05pF	GRM0334C1HR40WA01#
						±0.1pF	GRM0334C1HR40BA01#
					0.50pF	±0.05pF	GRM0334C1HR50WA01#
						±0.1pF	GRM0334C1HR50BA01#
					0.60pF	±0.05pF	GRM0334C1HR60WA01#
						±0.1pF	GRM0334C1HR60BA01#
					0.70pF	±0.05pF	GRM0334C1HR70WA01#
						±0.1pF	GRM0334C1HR70BA01#
					0.80pF	±0.05pF	GRM0334C1HR80WA01#
						±0.1pF	GRM0334C1HR80BA01#
					0.90pF	±0.05pF	GRM0334C1HR90WA01#
						±0.1pF	GRM0334C1HR90BA01#
					1.0pF	±0.05pF	GRM0334C1H1R0WA01#
						±0.1pF	GRM0334C1H1R0BA01#
						±0.25pF	GRM0334C1H1R0CA01#
					1.1pF	±0.05pF	GRM0334C1H1R1WA01#
						±0.1pF	GRM0334C1H1R1BA01#
						±0.25pF	GRM0334C1H1R1CA01#
					1.2pF	±0.05pF	GRM0334C1H1R2WA01#
						±0.1pF	GRM0334C1H1R2BA01#
						±0.25pF	GRM0334C1H1R2CA01#
					1.3pF	±0.05pF	GRM0334C1H1R3WA01#
						±0.1pF	GRM0334C1H1R3BA01#
						±0.25pF	GRM0334C1H1R3CA01#
					1.4pF	±0.05pF	GRM0334C1H1R4WA01#
						±0.1pF	GRM0334C1H1R4BA01#
						±0.25pF	GRM0334C1H1R4CA01#
					1.5pF	±0.05pF	GRM0334C1H1R5WA01#
						±0.1pF	GRM0334C1H1R5BA01#
						±0.25pF	GRM0334C1H1R5CA01#
					1.6pF	±0.05pF	GRM0334C1H1R6WA01#
±0.1pF	GRM0334C1H1R6BA01#						
±0.25pF	GRM0334C1H1R6CA01#						
1.7pF	±0.05pF	GRM0334C1H1R7WA01#					
	±0.1pF	GRM0334C1H1R7BA01#					
	±0.25pF	GRM0334C1H1R7CA01#					
1.8pF	±0.05pF	GRM0334C1H1R8WA01#					
	±0.1pF	GRM0334C1H1R8BA01#					
	±0.25pF	GRM0334C1H1R8CA01#					
1.9pF	±0.05pF	GRM0334C1H1R9WA01#					
	±0.1pF	GRM0334C1H1R9BA01#					
	±0.25pF	GRM0334C1H1R9CA01#					
2.0pF	±0.05pF	GRM0334C1H2R0WA01#					
	±0.1pF	GRM0334C1H2R0BA01#					
	±0.25pF	GRM0334C1H2R0CA01#					

Part number # indicates the package specification code.

GRM
 GR3
 GRJ
 GR4
 GR7
 GJM
 GQM
 GA2
 GA3 GB
 GA3 GD
 GA3 GF
 LLL
 LLA
 LLM
 LLR
 NFM
 KRM
 KR3
 GMA
 GMD
 ⚠Caution /Notice

GRM Series Temperature Compensating Type Part Number List

(→ 0.6×0.3mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	50Vdc	CJ	2.1pF	±0.05pF	GRM0333C1H2R1WA01#	0.33mm	50Vdc	CJ	3.9pF	±0.05pF	GRM0333C1H3R9WA01#	
				±0.1pF	GRM0333C1H2R1BA01#					±0.1pF	GRM0333C1H3R9BA01#	
				±0.25pF	GRM0333C1H2R1CA01#					±0.25pF	GRM0333C1H3R9CA01#	
			2.2pF	±0.05pF	GRM0333C1H2R2WA01#				CH	4.0pF	±0.05pF	GRM0332C1H4R0WA01#
				±0.1pF	GRM0333C1H2R2BA01#						±0.1pF	GRM0332C1H4R0BA01#
				±0.25pF	GRM0333C1H2R2CA01#						±0.25pF	GRM0332C1H4R0CA01#
			2.3pF	±0.05pF	GRM0333C1H2R3WA01#					4.1pF	±0.05pF	GRM0332C1H4R1WA01#
				±0.1pF	GRM0333C1H2R3BA01#						±0.1pF	GRM0332C1H4R1BA01#
				±0.25pF	GRM0333C1H2R3CA01#						±0.25pF	GRM0332C1H4R1CA01#
			2.4pF	±0.05pF	GRM0333C1H2R4WA01#					4.2pF	±0.05pF	GRM0332C1H4R2WA01#
				±0.1pF	GRM0333C1H2R4BA01#						±0.1pF	GRM0332C1H4R2BA01#
				±0.25pF	GRM0333C1H2R4CA01#						±0.25pF	GRM0332C1H4R2CA01#
			2.5pF	±0.05pF	GRM0333C1H2R5WA01#					4.3pF	±0.05pF	GRM0332C1H4R3WA01#
				±0.1pF	GRM0333C1H2R5BA01#						±0.1pF	GRM0332C1H4R3BA01#
				±0.25pF	GRM0333C1H2R5CA01#						±0.25pF	GRM0332C1H4R3CA01#
			2.6pF	±0.05pF	GRM0333C1H2R6WA01#					4.4pF	±0.05pF	GRM0332C1H4R4WA01#
				±0.1pF	GRM0333C1H2R6BA01#						±0.1pF	GRM0332C1H4R4BA01#
				±0.25pF	GRM0333C1H2R6CA01#						±0.25pF	GRM0332C1H4R4CA01#
			2.7pF	±0.05pF	GRM0333C1H2R7WA01#					4.5pF	±0.05pF	GRM0332C1H4R5WA01#
				±0.1pF	GRM0333C1H2R7BA01#						±0.1pF	GRM0332C1H4R5BA01#
				±0.25pF	GRM0333C1H2R7CA01#						±0.25pF	GRM0332C1H4R5CA01#
			2.8pF	±0.05pF	GRM0333C1H2R8WA01#					4.6pF	±0.05pF	GRM0332C1H4R6WA01#
				±0.1pF	GRM0333C1H2R8BA01#						±0.1pF	GRM0332C1H4R6BA01#
				±0.25pF	GRM0333C1H2R8CA01#						±0.25pF	GRM0332C1H4R6CA01#
			2.9pF	±0.05pF	GRM0333C1H2R9WA01#					4.7pF	±0.05pF	GRM0332C1H4R7WA01#
				±0.1pF	GRM0333C1H2R9BA01#						±0.1pF	GRM0332C1H4R7BA01#
				±0.25pF	GRM0333C1H2R9CA01#						±0.25pF	GRM0332C1H4R7CA01#
			3.0pF	±0.05pF	GRM0333C1H3R0WA01#					4.8pF	±0.05pF	GRM0332C1H4R8WA01#
				±0.1pF	GRM0333C1H3R0BA01#						±0.1pF	GRM0332C1H4R8BA01#
				±0.25pF	GRM0333C1H3R0CA01#						±0.25pF	GRM0332C1H4R8CA01#
			3.1pF	±0.05pF	GRM0333C1H3R1WA01#					4.9pF	±0.05pF	GRM0332C1H4R9WA01#
				±0.1pF	GRM0333C1H3R1BA01#						±0.1pF	GRM0332C1H4R9BA01#
				±0.25pF	GRM0333C1H3R1CA01#						±0.25pF	GRM0332C1H4R9CA01#
			3.2pF	±0.05pF	GRM0333C1H3R2WA01#					5.0pF	±0.05pF	GRM0332C1H5R0WA01#
				±0.1pF	GRM0333C1H3R2BA01#						±0.1pF	GRM0332C1H5R0BA01#
				±0.25pF	GRM0333C1H3R2CA01#						±0.25pF	GRM0332C1H5R0CA01#
			3.3pF	±0.05pF	GRM0333C1H3R3WA01#					5.1pF	±0.05pF	GRM0332C1H5R1WA01#
				±0.1pF	GRM0333C1H3R3BA01#						±0.1pF	GRM0332C1H5R1BA01#
				±0.25pF	GRM0333C1H3R3CA01#						±0.25pF	GRM0332C1H5R1CA01#
			3.4pF	±0.05pF	GRM0333C1H3R4WA01#					5.2pF	±0.05pF	GRM0332C1H5R2WA01#
				±0.1pF	GRM0333C1H3R4BA01#						±0.1pF	GRM0332C1H5R2BA01#
				±0.25pF	GRM0333C1H3R4CA01#						±0.25pF	GRM0332C1H5R2CA01#
			3.5pF	±0.05pF	GRM0333C1H3R5WA01#					5.3pF	±0.05pF	GRM0332C1H5R3WA01#
				±0.1pF	GRM0333C1H3R5BA01#						±0.1pF	GRM0332C1H5R3BA01#
				±0.25pF	GRM0333C1H3R5CA01#						±0.25pF	GRM0332C1H5R3CA01#
			3.6pF	±0.05pF	GRM0333C1H3R6WA01#					5.4pF	±0.05pF	GRM0332C1H5R4WA01#
				±0.1pF	GRM0333C1H3R6BA01#						±0.1pF	GRM0332C1H5R4BA01#
				±0.25pF	GRM0333C1H3R6CA01#						±0.25pF	GRM0332C1H5R4CA01#
			3.7pF	±0.05pF	GRM0333C1H3R7WA01#					5.5pF	±0.05pF	GRM0332C1H5R5WA01#
				±0.1pF	GRM0333C1H3R7BA01#						±0.1pF	GRM0332C1H5R5BA01#
				±0.25pF	GRM0333C1H3R7CA01#						±0.25pF	GRM0332C1H5R5CA01#
			3.8pF	±0.05pF	GRM0333C1H3R8WA01#					5.5pF	±0.05pF	GRM0332C1H5R5WA01#
				±0.1pF	GRM0333C1H3R8BA01#						±0.1pF	GRM0332C1H5R5BA01#
				±0.25pF	GRM0333C1H3R8CA01#						±0.25pF	GRM0332C1H5R5CA01#

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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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.33mm	50Vdc	CH	5.5pF	±0.25pF	GRM0332C1H5R5CA01#	0.33mm	50Vdc	CH	6.9pF	±0.05pF	GRM0332C1H6R9WA01#
				±0.5pF	GRM0332C1H5R5DA01#					±0.1pF	GRM0332C1H6R9BA01#
			5.6pF	±0.05pF	GRM0332C1H5R6WA01#				±0.25pF	GRM0332C1H6R9CA01#	
				±0.1pF	GRM0332C1H5R6BA01#				±0.5pF	GRM0332C1H6R9DA01#	
				±0.25pF	GRM0332C1H5R6CA01#				7.0pF	±0.05pF	GRM0332C1H7R0WA01#
				±0.5pF	GRM0332C1H5R6DA01#					±0.1pF	GRM0332C1H7R0BA01#
			5.7pF	±0.05pF	GRM0332C1H5R7WA01#					±0.25pF	GRM0332C1H7R0CA01#
				±0.1pF	GRM0332C1H5R7BA01#				±0.5pF	GRM0332C1H7R0DA01#	
				±0.25pF	GRM0332C1H5R7CA01#				7.1pF	±0.05pF	GRM0332C1H7R1WA01#
			±0.5pF	GRM0332C1H5R7DA01#	±0.1pF					GRM0332C1H7R1BA01#	
			5.8pF	±0.05pF	GRM0332C1H5R8WA01#					±0.25pF	GRM0332C1H7R1CA01#
				±0.1pF	GRM0332C1H5R8BA01#				±0.5pF	GRM0332C1H7R1DA01#	
				±0.25pF	GRM0332C1H5R8CA01#				7.2pF	±0.05pF	GRM0332C1H7R2WA01#
				±0.5pF	GRM0332C1H5R8DA01#					±0.1pF	GRM0332C1H7R2BA01#
			5.9pF	±0.05pF	GRM0332C1H5R9WA01#					±0.25pF	GRM0332C1H7R2CA01#
				±0.1pF	GRM0332C1H5R9BA01#				±0.5pF	GRM0332C1H7R2DA01#	
				±0.25pF	GRM0332C1H5R9CA01#				7.3pF	±0.05pF	GRM0332C1H7R3WA01#
				±0.5pF	GRM0332C1H5R9DA01#					±0.1pF	GRM0332C1H7R3BA01#
			6.0pF	±0.05pF	GRM0332C1H6R0WA01#					±0.25pF	GRM0332C1H7R3CA01#
				±0.1pF	GRM0332C1H6R0BA01#				±0.5pF	GRM0332C1H7R3DA01#	
				±0.25pF	GRM0332C1H6R0CA01#				7.4pF	±0.05pF	GRM0332C1H7R4WA01#
				±0.5pF	GRM0332C1H6R0DA01#					±0.1pF	GRM0332C1H7R4BA01#
			6.1pF	±0.05pF	GRM0332C1H6R1WA01#					±0.25pF	GRM0332C1H7R4CA01#
				±0.1pF	GRM0332C1H6R1BA01#				±0.5pF	GRM0332C1H7R4DA01#	
				±0.25pF	GRM0332C1H6R1CA01#				7.5pF	±0.05pF	GRM0332C1H7R5WA01#
				±0.5pF	GRM0332C1H6R1DA01#					±0.1pF	GRM0332C1H7R5BA01#
			6.2pF	±0.05pF	GRM0332C1H6R2WA01#					±0.25pF	GRM0332C1H7R5CA01#
				±0.1pF	GRM0332C1H6R2BA01#				±0.5pF	GRM0332C1H7R5DA01#	
				±0.25pF	GRM0332C1H6R2CA01#				7.6pF	±0.05pF	GRM0332C1H7R6WA01#
				±0.5pF	GRM0332C1H6R2DA01#					±0.1pF	GRM0332C1H7R6BA01#
			6.3pF	±0.05pF	GRM0332C1H6R3WA01#					±0.25pF	GRM0332C1H7R6CA01#
				±0.1pF	GRM0332C1H6R3BA01#				±0.5pF	GRM0332C1H7R6DA01#	
				±0.25pF	GRM0332C1H6R3CA01#				7.7pF	±0.05pF	GRM0332C1H7R7WA01#
				±0.5pF	GRM0332C1H6R3DA01#					±0.1pF	GRM0332C1H7R7BA01#
			6.4pF	±0.05pF	GRM0332C1H6R4WA01#					±0.25pF	GRM0332C1H7R7CA01#
				±0.1pF	GRM0332C1H6R4BA01#				±0.5pF	GRM0332C1H7R7DA01#	
				±0.25pF	GRM0332C1H6R4CA01#				7.8pF	±0.05pF	GRM0332C1H7R8WA01#
				±0.5pF	GRM0332C1H6R4DA01#					±0.1pF	GRM0332C1H7R8BA01#
			6.5pF	±0.05pF	GRM0332C1H6R5WA01#					±0.25pF	GRM0332C1H7R8CA01#
				±0.1pF	GRM0332C1H6R5BA01#				±0.5pF	GRM0332C1H7R8DA01#	
				±0.25pF	GRM0332C1H6R5CA01#				7.9pF	±0.05pF	GRM0332C1H7R9WA01#
				±0.5pF	GRM0332C1H6R5DA01#					±0.1pF	GRM0332C1H7R9BA01#
			6.6pF	±0.05pF	GRM0332C1H6R6WA01#					±0.25pF	GRM0332C1H7R9CA01#
				±0.1pF	GRM0332C1H6R6BA01#				±0.5pF	GRM0332C1H7R9DA01#	
				±0.25pF	GRM0332C1H6R6CA01#				8.0pF	±0.05pF	GRM0332C1H8R0WA01#
				±0.5pF	GRM0332C1H6R6DA01#					±0.1pF	GRM0332C1H8R0BA01#
			6.7pF	±0.05pF	GRM0332C1H6R7WA01#					±0.25pF	GRM0332C1H8R0CA01#
				±0.1pF	GRM0332C1H6R7BA01#				±0.5pF	GRM0332C1H8R0DA01#	
				±0.25pF	GRM0332C1H6R7CA01#				8.1pF	±0.05pF	GRM0332C1H8R1WA01#
				±0.5pF	GRM0332C1H6R7DA01#					±0.1pF	GRM0332C1H8R1BA01#
			6.8pF	±0.05pF	GRM0332C1H6R8WA01#					±0.25pF	GRM0332C1H8R1CA01#
				±0.1pF	GRM0332C1H6R8BA01#				±0.5pF	GRM0332C1H8R1DA01#	
				±0.25pF	GRM0332C1H6R8CA01#				8.2pF	±0.05pF	GRM0332C1H8R2WA01#
				±0.5pF	GRM0332C1H6R8DA01#					±0.1pF	GRM0332C1H8R2BA01#

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	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number										
0.33mm	50Vdc	CH	8.2pF	±0.25pF	GRM0332C1H8R2CA01#	0.33mm	50Vdc	CH	9.6pF	±0.05pF	GRM0332C1H9R6WA01#										
				±0.5pF	GRM0332C1H8R2DA01#					±0.1pF	GRM0332C1H9R6BA01#										
			8.3pF	±0.05pF	GRM0332C1H8R3WA01#				±0.25pF	GRM0332C1H9R6CA01#											
				±0.1pF	GRM0332C1H8R3BA01#				±0.5pF	GRM0332C1H9R6DA01#											
				±0.25pF	GRM0332C1H8R3CA01#				9.7pF	±0.05pF	GRM0332C1H9R7WA01#										
				±0.5pF	GRM0332C1H8R3DA01#					±0.1pF	GRM0332C1H9R7BA01#										
			8.4pF	±0.05pF	GRM0332C1H8R4WA01#					±0.25pF	GRM0332C1H9R7CA01#										
				±0.1pF	GRM0332C1H8R4BA01#				±0.5pF	GRM0332C1H9R7DA01#											
				±0.25pF	GRM0332C1H8R4CA01#				9.8pF	±0.05pF	GRM0332C1H9R8WA01#										
			±0.5pF	GRM0332C1H8R4DA01#	±0.1pF					GRM0332C1H9R8BA01#											
			8.5pF	±0.05pF	GRM0332C1H8R5WA01#					±0.25pF	GRM0332C1H9R8CA01#										
				±0.1pF	GRM0332C1H8R5BA01#				±0.5pF	GRM0332C1H9R8DA01#											
				±0.25pF	GRM0332C1H8R5CA01#				9.9pF	±0.05pF	GRM0332C1H9R9WA01#										
			±0.5pF	GRM0332C1H8R5DA01#	±0.1pF					GRM0332C1H9R9BA01#											
			8.6pF	±0.05pF	GRM0332C1H8R6WA01#					±0.25pF	GRM0332C1H9R9CA01#										
				±0.1pF	GRM0332C1H8R6BA01#				±0.5pF	GRM0332C1H9R9DA01#											
				±0.25pF	GRM0332C1H8R6CA01#				10pF	±2%	GRM0332C1H100GA01#										
				±0.5pF	GRM0332C1H8R6DA01#					±5%	GRM0332C1H100JA01#										
			8.7pF	±0.05pF	GRM0332C1H8R7WA01#				12pF	±2%	GRM0332C1H120GA01#										
				±0.1pF	GRM0332C1H8R7BA01#					±5%	GRM0332C1H120JA01#										
				±0.25pF	GRM0332C1H8R7CA01#				15pF	±2%	GRM0332C1H150GA01#										
				±0.5pF	GRM0332C1H8R7DA01#					±5%	GRM0332C1H150JA01#										
			8.8pF	±0.05pF	GRM0332C1H8R8WA01#				18pF	±2%	GRM0332C1H180GA01#										
				±0.1pF	GRM0332C1H8R8BA01#					±5%	GRM0332C1H180JA01#										
				±0.25pF	GRM0332C1H8R8CA01#				22pF	±2%	GRM0332C1H220GA01#										
				±0.5pF	GRM0332C1H8R8DA01#					±5%	GRM0332C1H220JA01#										
			8.9pF	±0.05pF	GRM0332C1H8R9WA01#				27pF	±2%	GRM0332C1H270GA01#										
				±0.1pF	GRM0332C1H8R9BA01#					±5%	GRM0332C1H270JA01#										
				±0.25pF	GRM0332C1H8R9CA01#				33pF	±2%	GRM0332C1H330GA01#										
				±0.5pF	GRM0332C1H8R9DA01#					±5%	GRM0332C1H330JA01#										
			9.0pF	±0.05pF	GRM0332C1H9R0WA01#				39pF	±2%	GRM0332C1H390GA01#										
				±0.1pF	GRM0332C1H9R0BA01#					±5%	GRM0332C1H390JA01#										
				±0.25pF	GRM0332C1H9R0CA01#				47pF	±2%	GRM0332C1H470GA01#										
				±0.5pF	GRM0332C1H9R0DA01#					±5%	GRM0332C1H470JA01#										
			9.1pF	±0.05pF	GRM0332C1H9R1WA01#				56pF	±2%	GRM0332C1H560GA01#										
				±0.1pF	GRM0332C1H9R1BA01#					±5%	GRM0332C1H560JA01#										
				±0.25pF	GRM0332C1H9R1CA01#				68pF	±2%	GRM0332C1H680GA01#										
				±0.5pF	GRM0332C1H9R1DA01#					±5%	GRM0332C1H680JA01#										
			9.2pF	±0.05pF	GRM0332C1H9R2WA01#				82pF	±2%	GRM0332C1H820GA01#										
				±0.1pF	GRM0332C1H9R2BA01#					±5%	GRM0332C1H820JA01#										
				±0.25pF	GRM0332C1H9R2CA01#				100pF	±2%	GRM0332C1H101GA01#										
				±0.5pF	GRM0332C1H9R2DA01#					±5%	GRM0332C1H101JA01#										
			9.3pF	±0.05pF	GRM0332C1H9R3WA01#				120pF	±2%	GRM0332C1H121GA01#										
				±0.1pF	GRM0332C1H9R3BA01#					±5%	GRM0332C1H121JA01#										
				±0.25pF	GRM0332C1H9R3CA01#				150pF	±2%	GRM0332C1H151GA01#										
				±0.5pF	GRM0332C1H9R3DA01#					±5%	GRM0332C1H151JA01#										
			9.4pF	±0.05pF	GRM0332C1H9R4WA01#				180pF	±2%	GRM0332C1H181GA01#										
				±0.1pF	GRM0332C1H9R4BA01#					±5%	GRM0332C1H181JA01#										
				±0.25pF	GRM0332C1H9R4CA01#				220pF	±2%	GRM0332C1H221GA01#										
				±0.5pF	GRM0332C1H9R4DA01#					±5%	GRM0332C1H221JA01#										
			9.5pF	±0.05pF	GRM0332C1H9R5WA01#				270pF	±2%	GRM0335C1E271GA01#										
				±0.1pF	GRM0332C1H9R5BA01#						GRM0335C1E271JA01#										
				±0.25pF	GRM0332C1H9R5CA01#						330pF	±2%	GRM0335C1E331GA01#								
				±0.5pF	GRM0332C1H9R5DA01#								GRM0335C1E331JA01#								
			25Vdc	COG																	

GRM
 GR3
 GRJ
 GR4
 GR7
 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	25Vdc	COG	390pF	±2%	GRM0335C1E391GA01#	
				±5%	GRM0335C1E391JA01#	
			470pF	±2%	GRM0335C1E471GA01#	
				±5%	GRM0335C1E471JA01#	
			560pF	±2%	GRM0335C1E561GA01#	
				±5%	GRM0335C1E561JA01#	
			680pF	±2%	GRM0335C1E681GA01#	
				±5%	GRM0335C1E681JA01#	
			820pF	±2%	GRM0335C1E821GA01#	
				±5%	GRM0335C1E821JA01#	
			910pF	±2%	GRM0335C1E911GA01#	
				±5%	GRM0335C1E911JA01#	
			1000pF	±2%	GRM0335C1E102GA01#	
				±5%	GRM0335C1E102JA01#	
			CH	270pF	±2%	GRM0332C1E271GA01#
					±5%	GRM0332C1E271JA01#
				330pF	±2%	GRM0332C1E331GA01#
					±5%	GRM0332C1E331JA01#
				390pF	±2%	GRM0332C1E391GA01#
					±5%	GRM0332C1E391JA01#
				470pF	±2%	GRM0332C1E471GA01#
		±5%			GRM0332C1E471JA01#	
		560pF		±2%	GRM0332C1E561GA01#	
				±5%	GRM0332C1E561JA01#	
		680pF		±2%	GRM0332C1E681GA01#	
				±5%	GRM0332C1E681JA01#	
		820pF		±2%	GRM0332C1E821GA01#	
				±5%	GRM0332C1E821JA01#	
		1000pF		±2%	GRM0332C1E102GA01#	
				±5%	GRM0332C1E102JA01#	

1.0×0.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.55mm	100Vdc	COG	0.10pF	±0.05pF	GRM1555C2AR10WA01#
				±0.1pF	GRM1555C2AR10BA01#
			0.20pF	±0.05pF	GRM1555C2AR20WA01#
				±0.1pF	GRM1555C2AR20BA01#
			0.30pF	±0.05pF	GRM1555C2AR30WA01#
				±0.1pF	GRM1555C2AR30BA01#
			0.40pF	±0.05pF	GRM1555C2AR40WA01#
				±0.1pF	GRM1555C2AR40BA01#
			0.50pF	±0.05pF	GRM1555C2AR50WA01#
				±0.1pF	GRM1555C2AR50BA01#
			0.60pF	±0.05pF	GRM1555C2AR60WA01#
				±0.1pF	GRM1555C2AR60BA01#
			0.70pF	±0.05pF	GRM1555C2AR70WA01#
				±0.1pF	GRM1555C2AR70BA01#
			0.80pF	±0.05pF	GRM1555C2AR80WA01#
				±0.1pF	GRM1555C2AR80BA01#
			0.90pF	±0.05pF	GRM1555C2AR90WA01#
				±0.1pF	GRM1555C2AR90BA01#
			1.0pF	±0.05pF	GRM1555C2A1R0WA01#
				±0.1pF	GRM1555C2A1R0BA01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.55mm	100Vdc	COG	1.0pF	±0.25pF	GRM1555C2A1R0CA01#
				±0.05pF	GRM1555C2A1R1WA01#
				±0.1pF	GRM1555C2A1R1BA01#
			1.1pF	±0.05pF	GRM1555C2A1R2WA01#
				±0.1pF	GRM1555C2A1R2BA01#
				±0.25pF	GRM1555C2A1R2CA01#
			1.2pF	±0.05pF	GRM1555C2A1R3WA01#
				±0.1pF	GRM1555C2A1R3BA01#
				±0.25pF	GRM1555C2A1R3CA01#
			1.3pF	±0.05pF	GRM1555C2A1R4WA01#
				±0.1pF	GRM1555C2A1R4BA01#
				±0.25pF	GRM1555C2A1R4CA01#
			1.4pF	±0.05pF	GRM1555C2A1R5WA01#
				±0.1pF	GRM1555C2A1R5BA01#
				±0.25pF	GRM1555C2A1R5CA01#
			1.5pF	±0.05pF	GRM1555C2A1R6WA01#
				±0.1pF	GRM1555C2A1R6BA01#
				±0.25pF	GRM1555C2A1R6CA01#
			1.6pF	±0.05pF	GRM1555C2A1R7WA01#
				±0.1pF	GRM1555C2A1R7BA01#
				±0.25pF	GRM1555C2A1R7CA01#
			1.7pF	±0.05pF	GRM1555C2A1R8WA01#
				±0.1pF	GRM1555C2A1R8BA01#
				±0.25pF	GRM1555C2A1R8CA01#
			1.8pF	±0.05pF	GRM1555C2A1R9WA01#
				±0.1pF	GRM1555C2A1R9BA01#
				±0.25pF	GRM1555C2A1R9CA01#
			1.9pF	±0.05pF	GRM1555C2A2R0WA01#
				±0.1pF	GRM1555C2A2R0BA01#
				±0.25pF	GRM1555C2A2R0CA01#
			2.0pF	±0.05pF	GRM1555C2A2R1WA01#
				±0.1pF	GRM1555C2A2R1BA01#
				±0.25pF	GRM1555C2A2R1CA01#
			2.1pF	±0.05pF	GRM1555C2A2R2WA01#
				±0.1pF	GRM1555C2A2R2BA01#
				±0.25pF	GRM1555C2A2R2CA01#
			2.2pF	±0.05pF	GRM1555C2A2R3WA01#
				±0.1pF	GRM1555C2A2R3BA01#
				±0.25pF	GRM1555C2A2R3CA01#
			2.3pF	±0.05pF	GRM1555C2A2R4WA01#
				±0.1pF	GRM1555C2A2R4BA01#
				±0.25pF	GRM1555C2A2R4CA01#
			2.4pF	±0.05pF	GRM1555C2A2R5WA01#
				±0.1pF	GRM1555C2A2R5BA01#
				±0.25pF	GRM1555C2A2R5CA01#
			2.5pF	±0.05pF	GRM1555C2A2R6WA01#
				±0.1pF	GRM1555C2A2R6BA01#
				±0.25pF	GRM1555C2A2R6CA01#
			2.6pF	±0.05pF	GRM1555C2A2R7WA01#
				±0.1pF	GRM1555C2A2R7BA01#
				±0.25pF	GRM1555C2A2R7CA01#
			2.7pF	±0.05pF	GRM1555C2A2R8WA01#
				±0.1pF	GRM1555C2A2R8BA01#
				±0.25pF	GRM1555C2A2R8CA01#
			2.8pF	±0.05pF	GRM1555C2A2R9WA01#
				±0.1pF	GRM1555C2A2R9BA01#
				±0.25pF	GRM1555C2A2R9CA01#

Part number # indicates the package specification code.

GRM Series Temperature Compensating Type Part Number List

(→ 1.0×0.5mm)

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.55mm	100Vdc	COG	2.8pF	±0.25pF	GRM1555C2A2R8CA01#	0.55mm	100Vdc	COG	4.6pF	±0.25pF	GRM1555C2A4R6CA01#	
				±0.05pF	GRM1555C2A2R9WA01#					4.7pF	±0.05pF	GRM1555C2A4R7WA01#
					±0.1pF						GRM1555C2A2R9BA01#	±0.1pF
			±0.25pF		GRM1555C2A2R9CA01#				±0.25pF		GRM1555C2A4R7CA01#	
			3.0pF	±0.05pF	GRM1555C2A3R0WA01#				4.8pF	±0.05pF	GRM1555C2A4R8WA01#	
				±0.1pF	GRM1555C2A3R0BA01#					±0.1pF	GRM1555C2A4R8BA01#	
				±0.25pF	GRM1555C2A3R0CA01#					±0.25pF	GRM1555C2A4R8CA01#	
			3.1pF	±0.05pF	GRM1555C2A3R1WA01#				4.9pF	±0.05pF	GRM1555C2A4R9WA01#	
				±0.1pF	GRM1555C2A3R1BA01#					±0.1pF	GRM1555C2A4R9BA01#	
				±0.25pF	GRM1555C2A3R1CA01#					±0.25pF	GRM1555C2A4R9CA01#	
			3.2pF	±0.05pF	GRM1555C2A3R2WA01#				5.0pF	±0.05pF	GRM1555C2A5R0WA01#	
				±0.1pF	GRM1555C2A3R2BA01#					±0.1pF	GRM1555C2A5R0BA01#	
				±0.25pF	GRM1555C2A3R2CA01#					±0.25pF	GRM1555C2A5R0CA01#	
			3.3pF	±0.05pF	GRM1555C2A3R3WA01#				5.1pF	±0.05pF	GRM1555C2A5R1WA01#	
				±0.1pF	GRM1555C2A3R3BA01#					±0.1pF	GRM1555C2A5R1BA01#	
				±0.25pF	GRM1555C2A3R3CA01#					±0.25pF	GRM1555C2A5R1CA01#	
			3.4pF	±0.05pF	GRM1555C2A3R4WA01#				5.2pF	±0.05pF	GRM1555C2A5R2WA01#	
				±0.1pF	GRM1555C2A3R4BA01#					±0.1pF	GRM1555C2A5R2BA01#	
				±0.25pF	GRM1555C2A3R4CA01#					±0.25pF	GRM1555C2A5R2CA01#	
			3.5pF	±0.05pF	GRM1555C2A3R5WA01#				5.3pF	±0.05pF	GRM1555C2A5R3WA01#	
				±0.1pF	GRM1555C2A3R5BA01#					±0.1pF	GRM1555C2A5R3BA01#	
				±0.25pF	GRM1555C2A3R5CA01#					±0.25pF	GRM1555C2A5R3CA01#	
			3.6pF	±0.05pF	GRM1555C2A3R6WA01#				5.4pF	±0.05pF	GRM1555C2A5R4WA01#	
				±0.1pF	GRM1555C2A3R6BA01#					±0.1pF	GRM1555C2A5R4BA01#	
				±0.25pF	GRM1555C2A3R6CA01#					±0.25pF	GRM1555C2A5R4CA01#	
			3.7pF	±0.05pF	GRM1555C2A3R7WA01#				5.5pF	±0.05pF	GRM1555C2A5R5WA01#	
				±0.1pF	GRM1555C2A3R7BA01#					±0.1pF	GRM1555C2A5R5BA01#	
				±0.25pF	GRM1555C2A3R7CA01#					±0.25pF	GRM1555C2A5R5CA01#	
			3.8pF	±0.05pF	GRM1555C2A3R8WA01#				5.6pF	±0.05pF	GRM1555C2A5R6WA01#	
				±0.1pF	GRM1555C2A3R8BA01#					±0.1pF	GRM1555C2A5R6BA01#	
				±0.25pF	GRM1555C2A3R8CA01#					±0.25pF	GRM1555C2A5R6CA01#	
			3.9pF	±0.05pF	GRM1555C2A3R9WA01#				5.7pF	±0.05pF	GRM1555C2A5R7WA01#	
				±0.1pF	GRM1555C2A3R9BA01#					±0.1pF	GRM1555C2A5R7BA01#	
				±0.25pF	GRM1555C2A3R9CA01#					±0.25pF	GRM1555C2A5R7CA01#	
			4.0pF	±0.05pF	GRM1555C2A4R0WA01#				5.8pF	±0.05pF	GRM1555C2A5R8WA01#	
				±0.1pF	GRM1555C2A4R0BA01#					±0.1pF	GRM1555C2A5R8BA01#	
				±0.25pF	GRM1555C2A4R0CA01#					±0.25pF	GRM1555C2A5R8CA01#	
			4.1pF	±0.05pF	GRM1555C2A4R1WA01#				5.9pF	±0.05pF	GRM1555C2A5R9WA01#	
				±0.1pF	GRM1555C2A4R1BA01#					±0.1pF	GRM1555C2A5R9BA01#	
				±0.25pF	GRM1555C2A4R1CA01#					±0.25pF	GRM1555C2A5R9CA01#	
			4.2pF	±0.05pF	GRM1555C2A4R2WA01#				6.0pF	±0.05pF	GRM1555C2A6R0WA01#	
				±0.1pF	GRM1555C2A4R2BA01#					±0.1pF	GRM1555C2A6R0BA01#	
				±0.25pF	GRM1555C2A4R2CA01#					±0.25pF	GRM1555C2A6R0CA01#	
			4.3pF	±0.05pF	GRM1555C2A4R3WA01#				6.1pF	±0.05pF	GRM1555C2A6R1WA01#	
				±0.1pF	GRM1555C2A4R3BA01#					±0.1pF	GRM1555C2A6R1BA01#	
				±0.25pF	GRM1555C2A4R3CA01#					±0.25pF	GRM1555C2A6R1CA01#	
			4.4pF	±0.05pF	GRM1555C2A4R4WA01#							
				±0.1pF	GRM1555C2A4R4BA01#							
				±0.25pF	GRM1555C2A4R4CA01#							
			4.5pF	±0.05pF	GRM1555C2A4R5WA01#							
				±0.1pF	GRM1555C2A4R5BA01#							
				±0.25pF	GRM1555C2A4R5CA01#							
			4.6pF	±0.05pF	GRM1555C2A4R6WA01#							
				±0.1pF	GRM1555C2A4R6BA01#							

GRM
 GR3
 GRJ
 GR4
 GR7
 GJM
 GQM
 GA2
 GA3 GB
 GA3 GD
 GA3 GF
 LLL
 LLA
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 NFM
 KRM
 KR3
 GMA
 GMD
 ⚠Caution /Notice

Part number # indicates the package specification code.