

Types GE, GH, GM, GP, GR, GS, GT Disc Ceramics Capacitors

General Purpose Capacitors



Type G general purpose disc ceramic capacitors are an ideal choice for low cost, small size and low to high DC voltage, general purpose, coupling, by-pass and filtering applications.

Highlights

- Small size
- Conformally coated
- Radial leads
- General purpose
- Long leads

Specifications

Capacitance Range:	1 pF to 100,000 pF
Voltage Range:	50, 100, 500, 1,000, 2,000, 3,000 Vdc
Tolerance:	See ratings tables
Operating Temperature Range:	-30 °C to +85 °C
Insulation Resistance:	10,000 mΩ minimum
Dissipation Factor:	2.5% @ 1 kHz; Y5V: 5% @ 1kHz
Breakdown Voltage:	2.5 x rated voltage for 5 seconds maximum
Lead Length:	1.0 inch minimum

RoHS Compliant

Ratings

Cap (pF)	Catalog Part Number	Tol. (±)	Temp. Coef.	Size (Inches)				Size (Millimeters)			
D	T	S	d	D	T	S	d	D	T	S	d
50 Vdc											
1	GE010C	.25pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
3	GE030C	.25pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
5	GE050C	.25pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
6	GE060D	.5pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
7	GE070D	.5pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
8	GE080D	.5pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
10	GE100D	.5pF	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
12	GE120K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
15	GE150K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
18	GE180K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
20	GE200K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
22	GE220K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
24	GE240K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
27	GE270K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
33	GE330K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
82	GE820K	10%	SL	.197	.118	.098	.016	5.0	3.0	2.5	.4
91	GE910K	10%	SL	.197	.118	.098	.016	5.0	3.0	2.5	.4
100	GE101K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
120	GE121K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
150	GE151K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
180	GE181K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
50 Vdc											
39	GE390K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
47	GE470K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
51	GE510K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
56	GE560K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
68	GE680K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
75	GE750K	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
220	GE221K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
270	GE271K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
330	GE331K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
390	GE391K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
470	GE471K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
560	GE561K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
680	GE681K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
820	GE821K	10%	Y5P	.157	.118	.098	.016	4.0	3.0	2.5	.4
1,000	GE102K	10%	Y5P	.197	.118	.098	.016	5.0	3.0	2.5	.4
1,000	GE102M	20%	Y5T	.157	.118	.098	.016	4.0	3.0	2.5	.4
1,000	GE102Z	-20+80	Y5V	.157	.118	.098	.016	4.0	3.0	2.5	.4
1,500	GE152K	10%	Y5P	.197	.118	.098	.016	5.0	3.0	2.5	.4
1,500	GE152M	20%	Y5T	.197	.118	.098	.016	5.0	3.0	2.5	.4
1,800	GE182K	10%	Y5P	.236	.118	.197	.020	6.0	3.0	5.0	.5
2,200	GE222K	10%	Y5P	.236	.118	.197	.020	6.0	3.0	5.0	.5

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Ratings

RoHS Compliant

Cap	Catalog		Temp.	Size				Size			
Part Number	Tol.	Coef.		D	T	S	d	D	T	S	d
(pF)		(±)		(Inches)				(Millimeters)			
50 Vdc											
2,200	GE222M	20%	Y5U	.197	.118	.098	.016	5.0	3.0	2.5	.4
2,700	GE272K	10%	Y5P	.276	.118	.197	.020	7.0	3.0	5.0	.5
3,300	GE332K	10%	Y5P	.276	.118	.197	.020	7.0	3.0	5.0	.5
3,300	GE332M	20%	Y5U	.236	.118	.197	.020	6.0	3.0	5.0	.5
3,900	GE392K	10%	Y5P	.315	.118	.197	.020	8.0	3.0	5.0	.5
4,700	GE472K	10%	Y5P	.315	.118	.197	.020	8.0	3.0	5.0	.5
4,700	GE472M	20%	Y5U	.236	.118	.197	.020	6.0	3.0	5.0	.5
4,700	GE472Z	-20+80	Y5U	.236	.118	.197	.020	6.0	3.0	5.0	.5
5,600	GE562K	10%	Y5P	.354	.118	.197	.020	9.0	3.0	5.0	.5
6,800	GE682K	10%	Y5P	.374	.118	.197	.020	9.5	3.0	5.0	.5
6,800	GE682M	20%	Y5U	.276	.118	.197	.020	7.0	3.0	5.0	.5
8,200	GE822K	10%	Y5P	.394	.118	.197	.020	10.0	3.0	5.0	.5
10,000	GE103K	10%	Y5P	.472	.118	.197	.020	12.0	3.0	5.0	.5
10,000	GE103M	20%	Y5U	.315	.118	.197	.020	8.0	3.0	5.0	.5
10,000	GE103Z	-20+80	Y5V	.236	.118	.197	.020	6.0	3.0	5.0	.5
22,000	GE223M	20%	Y5U	.472	.118	.197	.020	12.0	3.0	5.0	.5
100 Vdc											
100	GH101K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
120	GH121K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
150	GH151K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
180	GH181K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
220	GH221K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
270	GH271K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
330	GH331K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
390	GH391K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
470	GH471K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
560	GH561K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
680	GH681K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
820	GH821K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
1,000	GH102K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
1,200	GH122K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
1,500	GH152K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
1,500	GH152M	20%	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6
1,500	GH152Z	-20+80	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6
1,800	GH182K	10%	Y5P	.236	.118	.252	.025	6.0	3.0	6.4	.6
2,200	GH222K	10%	Y5P	.315	.118	.252	.025	8.0	3.0	6.4	.6
2,200	GH222M	20%	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6
2,200	GH222Z	-20+80	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6
2,700	GH272K	10%	Y5P	.315	.118	.252	.025	8.0	3.0	6.4	.6
3,300	GH332K	10%	Y5P	.315	.118	.252	.025	8.0	3.0	6.4	.6
3,300	GH332M	20%	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6

Cap	Catalog		Temp.	Size				Size			
Part Number	Tol.	Coef.		D	T	S	d	D	T	S	d
(pF)		(±)		(Inches)				(Millimeters)			
100 Vdc											
3,300	GH332Z	-20+80	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6
3,900	GH392K	10%	Y5P	.315	.118	.252	.025	8.0	3.0	6.4	.6
4,700	GH472K	10%	Y5P	.374	.118	.252	.025	9.5	3.0	6.4	.6
4,700	GH472M	20%	Y5U	.315	.118	.252	.025	8.0	3.0	6.4	.6
4,700	GH472Z	-20+80	Y5U	.315	.118	.252	.025	8.0	3.0	6.4	.6
5,600	GH562K	10%	Y5P	.374	.118	.252	.025	9.5	3.0	6.4	.6
6,800	GH682K	10%	Y5P	.472	.118	.252	.025	12.0	3.0	6.4	.6
6,800	GH682M	20%	Y5U	.315	.118	.252	.025	8.0	3.0	6.4	.6
6,800	GH682Z	-20+80	Y5U	.315	.118	.252	.025	8.0	3.0	6.4	.6
10,000	GH103K	10%	Y5P	.472	.118	.252	.025	12.0	3.0	6.4	.6
10,000	GH103M	20%	Y5U	.374	.118	.252	.025	9.5	3.0	6.4	.6
10,000	GH103Z	-20+80	Y5U	.374	.118	.252	.025	9.5	3.0	6.4	.6
22,000	GH223Z	-20+80	Y5V	.472	.118	.252	.025	12.0	3.0	6.4	.6
100,000	GH104ZX*	-20+80	X7R	.260	.100	.374	.025	6.6	2.5	9.5	.6
100,000	GH104ZX3*	-20+80	X7R	.311	.157	.374	.025	7.9	4.0	9.5	.6
500 Vdc											
1	GM010C	.25pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
3	GM030C	.25pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
3.3	GM3R3C	.25pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
5	GM050C	.25pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
6	GM060D	.5pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
6.8	GM6R8D	.5pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
7	GM070D	.5pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
7.5	GM7R5D	.5pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
8	GM080D	.5pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
10	GM100D	.5pF	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
12	GM120K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
15	GM150K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
18	GM180K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
20	GM200K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
22	GM220K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
24	GM240K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
27	GM270K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
33	GM330K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
39	GM390K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
47	GM470K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
51	GM510K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
56	GM560K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
68	GM680K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
75	GM750K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
82	GM820K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6

* Multilayer construction and rectangular in shape. The diameter dimension is the largest dimension of the footprint

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Ratings

RoHS Compliant

	Catalog		Temp.	Size				Size			
Cap (pF)	Part Number	Tol.	Coef. (±)	D	T	S	d	D	T	S	d
500 Vdc											
91	GM910K	10%	SL	.236	.157	.252	.025	6.0	4.0	6.4	.6
100	GM101K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
120	GM121K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
150	GM151K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
180	GM181K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
220	GM221K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
270	GM271K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
330	GM331K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
390	GM391K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
470	GM471K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
560	GM561K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
680	GM681K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
820	GM821K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
1,000	GM102K	10%	Y5P	.236	.157	.252	.025	6.0	4.0	6.4	.6
1,000	GM102M	20%	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
1,000	GM102Z	60	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
1,500	GM152K	10%	Y5P	.291	.157	.252	.025	7.4	4.0	6.4	.6
1,500	GM152M	20%	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
1,500	GM152Z	60	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
1,800	GM182K	10%	Y5P	.339	.157	.252	.025	8.6	4.0	6.4	.6
2,200	GM222K	10%	Y5P	.339	.157	.250	.025	8.6	4.0	6.4	.6
2,200	GM222M	20%	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
2,200	GM222Z	60	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
2,700	GM272K	10%	Y5P	.374	.157	.252	.025	9.5	4.0	6.4	.6
3,300	GM332K	10%	Y5P	.433	.157	.252	.025	11.0	4.0	6.4	.6
3,300	GM332M	20%	Y5U	.291	.157	.252	.025	7.4	4.0	6.4	.6
3,300	GM332Z	60	Y5U	.291	.157	.252	.025	7.4	4.0	6.4	.6
3,900	GM392K	10%	Y5P	.433	.157	.252	.025	11.0	4.0	6.4	.6
4,700	GM472K	10%	Y5P	.492	.157	.252	.025	12.5	4.0	6.4	.6
4,700	GM472M	20%	Y5U	.339	.157	.252	.025	8.6	4.0	6.4	.6
4,700	GM472Z	60	Y5U	.339	.157	.252	.025	8.6	4.0	6.4	.6
5,600	GM562K	10%	Y5P	.492	.157	.252	.025	12.5	4.0	6.4	.6
6,800	GM682K	10%	Y5P	.571	.157	.374	.025	14.5	4.0	9.5	.6
6,800	GM682M	20%	Y5U	.433	.157	.252	.025	11.0	4.0	6.4	.6
6,800	GM682Z	60	Y5U	.433	.157	.252	.025	11.0	4.0	6.4	.6
8,200	GM822K	10%	Y5P	.571	.157	.374	.025	14.5	4.0	9.5	.6
10,000	GM103K	10%	Y5P	.642	.157	.374	.025	16.3	4.0	9.5	.6
10,000	GM103M	20%	Y5U	.492	.157	.252	.025	12.5	4.0	6.4	.6
10,000	GM103Z	60	Y5U	.492	.157	.252	.025	12.5	4.0	6.4	.6
22,000	GM223M	20%	Y5U	.642	.157	.374	.025	16.3	4.0	9.5	.6
22,000	GM223Z	60	Y5U	.642	.157	.374	.025	16.3	4.0	9.5	.6

	Catalog		Temp.	Size				Size			
Cap (pF)	Part Number	Tol. (±)	Coef.	D	T	S	d	D	T	S	d
(Inches)											
(Millimeters)											
500 Vdc											
30,000	GM303MX*	20%	X7R	.260	.150	.374	.025	6.6	2.5	9.5	.6
30,000	GM303MX3*	20%	X7R	.311	.157	.374	.025	7.9	4.0	9.5	.6
50,000	GM503MX*	20%	X7R	.260	.100	.374	.025	6.6	2.5	9.5	.6
50,000	GM503MX3*	20%	X7R	.311	.157	.374	.025	7.9	4.0	9.5	.6
100,000	GM104MX*	20%	X7R	.260	.100	.374	.025	6.6	2.5	9.5	.6
100,000	GM104MX2*	20%	X7R	.311	.157	.201	.025	7.9	4.0	5.1	.6
1000 Vdc											
3.3	GP533	.25PF	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
5	GP550	.25PF	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
6.8	GP568	.5PF	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
8	GP580	.5PF	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
10	GP410	.5PF	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
12	GP412	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
15	GP415	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
18	GP418	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
20	GP420	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
22	GP422	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
27	GP427	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
30	GP430	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
33	GP433	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
39	GP439	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
47	GP447	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
56	GP456	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
68	GP468	10%	SL	.236	.177	.252	.025	6.0	4.5	6.4	.6
91	GP491	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
100	GP310	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
120	GP312	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
150	GP315	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
180	GP318	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
220	GP322	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
270	GP327	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
330	GP333	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
390	GP339	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
470	GP347	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
560	GP356	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
680	GP368	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
750	GP375	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
820	GP382	10%	Y5P	.236	.177	.252	.025	6.0	4.5	6.4	.6
1,000	GP210	10%	Y5P	.291	.177	.252	.025	7.4	4.5	6.4	.6
1,500	GP215	10%	Y5P	.339	.177	.252	.025	8.6	4.5	6.4	.6
1,800	GP218	10%	Y5P	.374	.177	.252	.025	9.5	4.5	6.4	.6

* Multilayer construction and rectangular in shape. The diameter dimension is the largest dimension of the footprint

Types GE, GH, GM, GP, GR, GS, GT Disc Ceramics Capacitors

Ratings

RoHS Compliant

Cap	Catalog		Temp.	Size				Size			
Part Number	Tol.	Coef.	D	T	S	d	D	T	S	d	
(pF)	(±)			(Inches)				(Millimeters)			
1000 Vdc											
2,200	GP222	10%	Y5P	.374	.177	.252	.025	9.5	4.5	6.4	.6
2,700	GP227	10%	Y5P	.433	.177	.252	.025	11.0	4.5	6.4	.6
3,300	GP233P	10%	Y5P	.433	.177	.252	.025	11.0	4.5	6.4	.6
3,900	GP239	10%	Y5P	.492	.177	.252	.025	12.5	4.5	6.4	.6
4,700	GP247	20%	Y5U	.433	.177	.252	.025	11.0	4.5	6.4	.6
5,600	GP256	10%	Y5P	.591	.177	.374	.025	15.0	4.5	9.5	.6
6,800	GP268P	10%	Y5P	.669	.177	.374	.025	17.0	4.5	9.5	.6
10,000	GP110	20%	Y5U	.591	.177	.374	.025	15.0	4.5	9.5	.6
22,000	GP122	20%	Y5U	.748	.177	.374	.025	19.0	4.5	9.5	.6
2000 Vdc											
1	GR510	.25pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
1.5	GR515	.25pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
2	GR520	.25pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
3	GR530	.25pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
4	GR540	.25pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
5	GR550	.25pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
6	GR560	.5pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
7	GR570	.5pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
8	GR580	.5pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
9	GR590	.5pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
10	GR410	.5pf	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
11	GR411	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
12	GR412	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
13	GR413	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
15	GR415	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
16	GR416	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
18	GR418	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
20	GR420	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
22	GR422	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
24	GR424	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
27	GR427	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
30	GR430	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
33	GR433	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
36	GR436	5%	SL	.315	.197	.252	.032	8.0	5.0	6.4	.8
39	GR439	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
43	GR443	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
47	GR470	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
51	GR451	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
56	GR456	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
62	GR462	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
68	GR468	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8

Cap Part Number (pF)	Catalog Part Number	Tol. (±)	Temp. Coef.	Size D T S d (Inches)				Size D T S d (Millimeters)			
2000 Vdc											
75	GR475	5%	SL	.394	.197	.252	.032	10.0	5.0	6.4	.8
82	GR482	5%	SL	.472	.197	.252	.032	12.0	5.0	6.4	.8
91	GR491	5%	SL	.472	.197	.252	.032	12.0	5.0	6.4	.8
100	GR310	5%	SL	.472	.197	.252	.032	12.0	5.0	6.4	.8
100	GS310	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
110	GR311	5%	SL	.472	.197	.252	.032	12.0	5.0	6.4	.8
120	GR312	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
120	GS312	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
130	GR313	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
150	GR315	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
150	GS315	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
160	GR316	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
180	GR318	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
180	GS318	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
200	GR320	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
220	GR322	5%	SL	.591	.197	.374	.032	15.0	5.0	9.5	.8
220	GS322	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
240	GR324	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
270	GR327	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
270	GS327	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
300	GR330	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
330	GR333	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
330	GS333	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
360	GR336	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
390	GR339	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
390	GS339	10%	Y5P	.315	.197	.252	.032	8.0	5.0	6.4	.8
430	GR343	5%	SL	.787	.197	.374	.032	20.0	5.0	9.5	.8
470	GS347	10%	Y5P	.394	.197	.252	.032	10.0	5.0	6.4	.8
560	GS356	10%	Y5P	.394	.197	.252	.032	10.0	5.0	6.4	.8
680	GS368	10%	Y5P	.394	.197	.252	.032	10.0	5.0	6.4	.8
820	GS382	10%	Y5P	.394	.197	.252	.032	10.0	5.0	6.4	.8
1,000	GS210	10%	Y5P	.472	.197	.252	.032	12.0	5.0	6.4	.8
1,200	GS212	10%	Y5P	.472	.197	.252	.032	12.0	5.0	6.4	.8
1,500	GS215	10%	Y5P	.591	.197	.374	.032	15.0	5.0	9.5	.8
1,800	GS218	10%	Y5P	.591	.197	.374	.032	15.0	5.0	9.5	.8
2,200	GS222	10%	Y5P	.591	.197	.374	.032	15.0	5.0	9.5	.8
2,700	GS272	10%	Y5P	.591	.197	.374	.032	15.0	5.0	9.5	.8
3,300	GS233	10%	Y5P	.787	.197	.374	.032	20.0	5.0	9.5	.8
3,900	GS239	10%	Y5P	.787	.197	.374	.032	20.0	5.0	9.5	.8
4,700	GS247	10%	Y5P	.787	.197	.374	.032	20.0	5.0	9.5	.8

* Multilayer construction and rectangular in shape. The diameter dimension is the largest dimension of the footprint

Types GE, GH, GM, GP, GR, GS, GT Disc Ceramics Capacitors

Ratings

RoHS Compliant

Cap	Catalog	Tol.	Temp.	Size				Size			
Part Number	Part Number	Coef.	Coef.	D	T	S	d	D	T	S	d
(pF)	(pF)	(±)		(Inches)				(Millimeters)			
3000 WVDC											
1	GT510	.25pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
1.5	GT515	.25pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
2	GT520	.25pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
3	GT530	.25pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
4	GT540	.25pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
5	GT550	.25pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
6	GT560	.5pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
7	GT570	.5pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
8	GT580	.5pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
9	GT590	.5pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
10	GT410	.5pF	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
11	GT411	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
12	GT412	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
13	GT413	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
14	GT415	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
16	GT416	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
18	GT418	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
20	GT420	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
22	GT422	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
24	GT424	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
27	GT427	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
3000 WVDC											
30	GT430	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
36	GT436	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
39	GT439	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
44	GT443	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
47	GT447	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
51	GT451	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
56	GT456	5%	SL	.394	.236	.374	.032	10.0	6.0	9.5	.8
62	GT462	5%	SL	.472	.236	.374	.032	12.0	6.0	9.5	.8
68	GT468	5%	SL	.472	.236	.374	.032	12.0	6.0	9.5	.8
75	GT475	5%	SL	.472	.236	.374	.032	12.0	6.0	9.5	.8
82	GT482	5%	SL	.472	.236	.374	.032	12.0	6.0	9.5	.8
91	GT491	5%	SL	.591	.236	.374	.032	15.0	6.0	9.5	.8
100	GT310	5%	SL	.591	.236	.374	.032	15.0	6.0	9.5	.8
110	GT311	5%	SL	.591	.236	.374	.032	15.0	6.0	9.5	.8
160	GT316	5%	SL	.591	.236	.374	.032	15.0	6.0	9.5	.8
180	GT318	5%	SL	.787	.236	.374	.032	20.0	6.0	9.5	.8
200	GT320	5%	SL	.787	.236	.374	.032	20.0	6.0	9.5	.8
220	GT321	5%	SL	.787	.236	.374	.032	20.0	6.0	9.5	.8
240	GT324	5%	SL	.787	.236	.374	.032	20.0	6.0	9.5	.8
270	GT327	5%	SL	.787	.236	.374	.032	20.0	6.0	9.5	.8
300	GT330	5%	SL	.787	.236	.374	.032	20.0	6.0	9.5	.8

* Multilayer construction and rectangular in shape. The diameter dimension is the largest dimension of the footprint