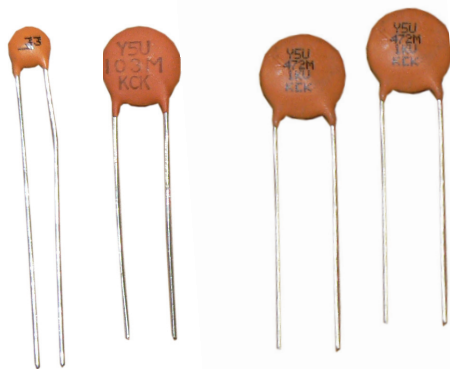


Types GE, GH, GM, GP Disc Ceramic Capacitors

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:	5 pF to 22,000 pF
Voltage Range:	50, 100, 500, 1,000 Vdc
Tolerance:	See ratings tables
Operating Temperature Range:	-30 °C to +85 °C
Insulation Resistance:	10,000 MΩ minimum
Dissipation Factor:	2.5% max. @ 1 kHz; Y5U: 4% @ 1kHz
Breakdown Voltage:	2.5 x rated voltage for 5 seconds maximum
Lead Length:	1.0 inch minimum

Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

Ratings

Cap (pF)	Catalog Part Number	Tol. (±)	Temp. Coef.	Size (Inches)				Size (Millimeters)			
50 Vdc											
5	GE050C *	.25pF	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
20	GE200K **	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
68	GE680K *	10%	SL	.157	.118	.098	.016	4.0	3.0	2.5	.4
100	GE101K	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
470	GE471K *	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
1,500	GE152K **	10%	Y5P	.197	.118	.098	.016	5.0	3.0	2.5	.4
10,000	GE103K *	10%	Y5P	.472	.118	.197	.020	12.0	3.0	5.0	.5
100 Vdc											
2,200	GH222M *	20%	Y5U	.236	.118	.252	.025	6.0	3.0	6.4	.6
500 Vdc											
15	GM150K *	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
330	GM331K *	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
680	GM681K **	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 **	-20+80	Y5U	.236	.157	.252	.025	6.0	4.0	6.4	.6
2,200	GM222K *	10%	Y5P	.339	.157	.250	.025	8.6	4.0	6.4	.6
3,300	GM332M **	20%	Y5U	.291	.157	.252	.025	7.4	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
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 *	-20+80	Y5U	.492	.157	.252	.025	12.5	4.0	6.4	.6
22,000	GM223Z*	-20+80	Y5U	.642	.157	.374	.025	16.3	4.0	9.5	.6

* Available only until stock is depleted
 ** Part number obsolete