

MURATA Multilayer Ceramic Chip Capacitors



CERAMIC CHIP CAPACITORS

This product is RoHS compliant.

Innovator in Electronics



Features:

- C0G (NP0), X5R, X7R, Y5V, and Z5U Dielectrics
- 6.3, 10, 16, 25, 50, 100, 200, 250, and 500 Volts
- Available tolerances: $\pm 25\text{pF}$, $\pm 5\text{pF}$, $\pm 1\text{pF}$, 1%, 2%, 5%, 10%, 20%, +80/-20%
- Nickel Barrier Termination standard- highly resistant to metal migration
- No polarity
- For assistance with Global Part Numbers, please contact a Mouser representative

DIMENSIONS: mm

Part No.	Case	L	W	T (max)	e	g min.
GRM022	01005	0.4 \pm 0.02	0.2 \pm 0.02	0.2 \pm 0.02	0.07 \pm 0.141	0.13
GRM033	0201	0.6 \pm 0.03	0.3 \pm 0.03	0.3 \pm 0.03	0.1 to 0.2	0.2

01005 Available only from Murata

Style 01005

Please call a Mouser representative for information of product not listed.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	Volt (DC)	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
Temperature Coeff: C0G								
81-GRM0225C1C7R5DD1	GRM0225C1C7R5DD01D	7.5	16	0.5pF			20000	
81-GRM0225C1C8R0DD1	GRM0225C1C8R0DD01D	8	16	0.5pF			20000	
81-GRM0225C1C8R2DD1	GRM0225C1C8R2DD01D	8.2	16	0.5pF			20000	
81-GRM0225C1C9R0DD1	GRM0225C1C9R0DD01D	9	16	0.5pF			20000	
81-GRM0225C1C9R1DD1	GRM0225C1C9R1DD01D	9.1	16	0.5pF			20000	
81-GRM0225C1C100JD1	GRM0225C1C100JD01D	10	16	5%			20000	
81-GRM0225C1C110JD1	GRM0225C1C110JD01D	11	16	5%			20000	
81-GRM0225C1C120JD1	GRM0225C1C120JD01D	12	16	5%			20000	
81-GRM0225C1C130JD1	GRM0225C1C130JD01D	13	16	5%			20000	
81-GRM0225C1C150JD1	GRM0225C1C150JD01D	15	16	5%			20000	
81-GRM0225C1C220JD1	GRM0225C1C220JD01D	22	16	5%			20000	
81-GRM0225C1C270JD1	GRM0225C1C270JD01D	27	16	5%			20000	
81-GRM0225C1C330JD1	GRM0225C1C330JD01D	33	16	5%			20000	
81-GRM0225C1C390JD1	GRM0225C1C390JD01D	39	16	5%			20000	
81-GRM0225C1C470JD1	GRM0225C1C470JD01D	47	16	5%			20000	
Temperature Coeff: X5R								
81-GRM022R60J681KD	GRM022R60J681KE19D	680	6.3	10%			20000	
81-GRM022R60J102KD	GRM022R60J102KE19D	1,000	6.3	10%			20000	
81-GRM022R60J152KD	GRM022R60J152KE19D	1,500	6.3	10%			20000	
81-GRM022R60J222KD	GRM022R60J222KE19D	2,200	6.3	10%			20000	
81-GRM022R60J332KD	GRM022R60J332KE19D	3,300	6.3	10%			20000	
81-GRM022R60J472KD	GRM022R60J472KE19D	4,700	6.3	10%			20000	
81-GRM022R60J682KD	GRM022R60J682KE19D	6,800	6.3	10%			20000	
81-GRM022R60J103KD	GRM022R60J103KE19D	10,000	6.3	10%			20000	

Style 0201 (Cont.)

Please call a Mouser representative for information of product not listed.

MOUSER STOCK NO.	Murata Part No.	Value (pF)	Volt (DC)	Tol.±	Price Each		Reel Qty.	Price per Piece
					1	100		
Temperature Coeff: C0G (Cont.)								
81-GRM0335C1H5R6DD1D	GRM0335C1H5R6DD01D	5.6	50	0.5pF			15000	
81-GRM0335C1E6R0DD1D	GRM0335C1E6R0DD01D	6	25	0.5pF			15000	
81-GRM0335C1H6R0DD1D	GRM0335C1H6R0DD01D	6	50	0.5pF			15000	
81-GRM0335C1E6R8DD1D	GRM0335C1E6R8DD01D	6.8	25	0.5pF			15000	
81-GRM0335C1H6R8DD1D	GRM0335C1H6R8DD01D	6.8	50	0.5pF			15000	
81-GRM0335C1E7R0DD1D	GRM0335C1E7R0DD01D	7	25	0.5pF			15000	
81-GRM0335C1H7R0DD1D	GRM0335C1H7R0DD01D	7	50	0.5pF			15000	
81-GRM0335C1E8R0DD1D	GRM0335C1E8R0DD01D	8	25	0.5pF			15000	
81-GRM0335C1H8R0DD1D	GRM0335C1H8R0DD01D	8	50	0.5pF			15000	
81-GRM0335C1E8R2DD1D	GRM0335C1E8R2DD01D	8.2	25	0.5pF			15000	
81-GRM0335C1H8R2DD1D	GRM0335C1H8R2DD01D	8.2	50	0.5pF			15000	
81-GRM0335C1E9R0DD1D	GRM0335C1E9R0DD01D	9	25	0.5pF			15000	
81-GRM0335C1H9R0DD1D	GRM0335C1H9R0DD01D	9	50	0.5pF			15000	
81-GRM0335C1E100JD1	GRM0335C1E100JD01D	10	25	5%			15000	
81-GRM0335C1H100JD1	GRM0335C1H100JD01D	10	50	5%			15000	
81-GRM0335C1E120JD1	GRM0335C1E120JD01D	12	25	5%			15000	
81-GRM0335C1H120JD1	GRM0335C1H120JD01D	12	50	5%			15000	
81-GRM0335C1E150JD1	GRM0335C1E150JD01D	15	25	5%			15000	
81-GRM0335C1H150JD1	GRM0335C1H150JD01D	15	50	5%			15000	
81-GRM0335C1E180JD1	GRM0335C1E180JD01D	18	25	5%			15000	
81-GRM0335C1H180JD1	GRM0335C1H180JD01D	18	50	5%			15000	
81-GRM0335C1E220JD1	GRM0335C1E220JD01D	22	25	5%			15000	
81-GRM0335C1H220JD1	GRM0335C1H220JD01D	22	50	5%			15000	
81-GRM0335C1E270JD1	GRM0335C1E270JD01D	27	25	5%			15000	
81-GRM0335C1H270JD1	GRM0335C1H270JD01D	27	50	5%			15000	
81-GRM0335C1E330JD1	GRM0335C1E330JD01D	33	25	5%			15000	
81-GRM0335C1H330JD1	GRM0335C1H330JD01D	33	50	5%			15000	
81-GRM0335C1E390JD1	GRM0335C1E390JD01D	39	25	5%			15000	
81-GRM0335C1H390JD1	GRM0335C1H390JD01D	39	50	5%			15000	
81-GRM0335C1E470JD1	GRM0335C1E470JD01D	47	25	5%			15000	
81-GRM0335C1H470JD1	GRM0335C1H470JD01D	47	50	5%			15000	
81-GRM0335C1E560JD1	GRM0335C1E560JD01D	56	25	5%			15000	
81-GRM0335C1H560JD1	GRM0335C1H560JD01D	56	50	5%			15000	
81-GRM0335C1E680JD1	GRM0335C1E680JD01D	68	25	5%			15000	
81-GRM0335C1H680JD1	GRM0335C1H680JD01D	68	50	5%			15000	
81-GRM0335C1E820JD1	GRM0335C1E820JD01D	82	25	5%			15000	
81-GRM0335C1H820JD1	GRM0335C1H820JD01D	82	50	5%			15000	
81-GRM0335C1E101JD1	GRM0335C1E101JD01D	100	25	5%			15000	
81-GRM0335C1H101JD1	GRM0335C1H101JD01D	100	50	5%			15000	
Temperature Coefficient X7R								
81-GRM033R71E101KA01D	GRM033R71E101KA01D	100	25	10%			15000	
81-GRM033R71E151KA01D	GRM033R71E151KA01D	150	25	10%			15000	
81-GRM033R71E221KA01D	GRM033R71E221KA01D	220	25	10%			15000	
81-GRM033R71E331KA01D	GRM033R71E331KA01D	330	25	10%			15000	
81-GRM033R71C471KD01D	GRM033R71C471KD01D	470	16	10%			15000	
81-GRM033R71E471KA01D	GRM033R71E471KA01D	470	25	10%			15000	
81-GRM033R71E681KA01D	GRM033R71E681KA01D	680	25	10%			15000	
81-GRM033R71E102KA01D	GRM033R71E102KA01D	1000	25	10%			15000	
81-GRM033R71E152KA01D	GRM033R71E152KA01D	1500	25	10%			15000	
81-GRM033R71C222KA88D	GRM033R71C222KA88D	2200	16	10%			15000	
81-GRM033R71C332KA88D	GRM033R71C332KA88D	3300	16	10%			15000	
81-GRM033R71A472KA01D	GRM033R71A472KA01D	4700	10	10%			15000	
81-GRM033R71A682KA01D	GRM033R71A682KA01D	6800	10	10%			15000	
81-GRM033R71A103KA1D	GRM033R71A103KA1D	0.1µF	10	10%			15000	
Temperature Coefficient X5R								
81-GRM033R60J153KE1D	GRM033R60J153KE01D	0.15µF	6.3	10%			15000	
81-GRM033R60J223KE1D	GRM033R60J223KE01D	0.22µF	6.3	10%			15000	
81-GRM033R60J333KE01	GRM033R60J333KE01D	0.33µF	6.3	10%			15000	
81-GRM033R60J473KE19	GRM033R60J473KE19D	0.47µF	6.3	10%			15000	
81-GRM033R60J683KE9D	GRM033R60J683KE19D	0.68µF	6.3	10%			15000	
81-GRM033R60J104KE19	GRM033R60J104KE19D	0.1µF	6.3	10%			15000	
81-GRM033R61A104KE15D	GRM033R61A104KE15D	0.1µF	10	10%			15000	

Style 0201

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					1	100		
Temperature Coeff: C0G								
81-GRM0335C1E1R0CD01D	GRM0335C1E1R0CD01D	1	25	0.25pF			15000	
81-GRM0335C1H1R0CD01D	GRM0335C1H1R0CD01D	1	50	0.25pF			15000	
81-GRM0335C1E1R2CD01D	GRM0335C1E1R2CD01D	1.2	25	0.25pF			15000	
81-GRM0335C1H1R2CD01D	GRM0335C1H1R2CD01D	1.2	50	0.25pF			15000	
81-GRM0335C1E1R5CD01D	GRM0335C1E1R5CD01D	1.5	25	0.25pF			15000	
81-GRM0335C1H1R5CD01D	GRM0335C1H1R5CD01D	1.5	50	0.25pF			15000	
81-GRM0335C1E1R8CD01D	GRM0335C1E1R8CD01D	1.8	25	0.25pF			15000	
81-GRM0335C1H1R8CD01D	GRM0335C1H1R8CD01D	1.8	50	0.25pF			15000	
81-GRM0335C1E2R0CD01D	GRM0335C1E2R0CD01D	2	25	0.25pF			15000	
81-GRM0335C1H2R0CD01D	GRM0335C1H2R0CD01D	2	50	0.25pF			15000	
81-GRM0335C1E2R2CD01D	GRM0335C1E2R2CD01D	2.2	25	0.25pF			15000	
81-GRM0335C1H2R2CD01D	GRM0335C1H2R2CD01D	2.2	50	0.25pF			15000	
81-GRM0335C1E2R7CD01D	GRM0335C1E2R7CD01D	2.7	25	0.25pF			15000	
81-GRM0335C1H2R7CD01D	GRM0335C1H2R7CD01D	2.7	50	0.25pF			15000	
81-GRM0335C1E3R0CD01D	GRM0335C1E3R0CD01D	3	25	0.25pF			15000	
81-GRM0335C1H3R0CD01D	GRM0335C1H3R0CD01D	3	50	0.25pF			15000	
81-GRM0335								