

MURATA High Frequency Ceramic Chip Capacitors



GJM SERIES: MULTILAYER, HIGH FREQUENCY, HIGH Q

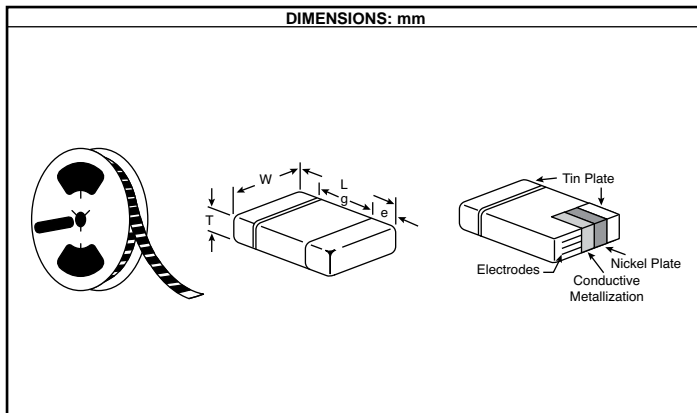
RoHS Compliant This product is RoHS compliant.

GJM SERIES: The Murata GJM series is a high Q ultra small capacitor series for high frequency applications in the 500MHz to 10GHz range, suitable for VCO and PA Module applications. The GJM series of capacitors are made with copper electrodes for low ESR and low power consumption due to the high Q (low loss) performance. This series is offered in EIA sizes 0201 and 0402. They are RoHS compliant.



- Features:**
- COG Dielectric
 - Low ESR
 - Operating Temperature: -55°C to +125°C

Cross Reference		
	GJM	
Case Sizes	0201	0402
ATC 650		X
Johanson "S"	X	X
Johanson "L"		X



Application Specific Guidelines			
Product Series		GQM	GJM
Communication	Base Station	X	
	Bluetooth Modules		X
	PC Modules	X	
	Cell Phones	X	X
Wireless	Wireless Handhelds	X	X
	Remote Keyless Entry	X	X
	Wireless LAN	X	X

Part No.	L	W	T	e	g min.
GJM03	0.6 ±0.03	0.3 ±0.03	0.3 ±0.03	0.1 to 0.2	0.2
GJM15	1.0 ±0.05	0.5 ±0.05	0.5 ±0.05	0.15 to 0.3	0.4

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

MOUSER STOCK NO.	Murata Part No.	Case Size	Value (pF)	Volt (DC)	Tolerance ±	Price Each				Reel Qty.	Price per Piece
						1	50	100	500		
81-GJM0335C1ER20BB01	GJM0335C1ER20BB01D	0201	0.2	25	0.1pF					15000	
81-GJM0335C1ER40BB01	GJM0335C1ER40BB01D	0201	0.4	25	0.1pF					15000	
81-GJM0335C1E1R0BB01	GJM0335C1E1R0BB01D	0201	1.0	25	0.1pF					15000	
81-GJM0335C1E1R1BB01	GJM0335C1E1R1BB01D	0201	1.1	25	0.1pF					15000	
81-GJM0335C1E1R2BB01	GJM0335C1E1R2BB01D	0201	1.2	25	0.1pF					15000	
81-GJM0335C1E1R3BB01	GJM0335C1E1R3BB01D	0201	1.3	25	0.1pF					15000	
81-GJM0335C1E1R5BB01	GJM0335C1E1R5BB01D	0201	1.5	25	0.1pF					15000	
81-GJM0335C1E2R0BB01	GJM0335C1E2R0BB01D	0201	2.0	25	0.1pF					15000	
81-GJM0335C1E2R2BB01	GJM0335C1E2R2BB01D	0201	2.2	25	0.1pF					15000	
81-GJM0335C1E2R7BB01	GJM0335C1E2R7BB01D	0201	2.7	25	0.1pF					15000	
81-GJM0335C1E3R0BB01	GJM0335C1E3R0BB01D	0201	3.0	25	0.1pF					15000	
81-GJM0335C1E3R3BB01	GJM0335C1E3R3BB01D	0201	3.3	25	0.1pF					15000	
81-GJM0335C1E3R9BB01	GJM0335C1E3R9BB01D	0201	3.9	25	0.1pF					15000	
81-GJM0335C1E4R3BB01	GJM0335C1E4R3BB01D	0201	4.3	25	0.1pF					15000	
81-GJM0335C1E4R7BB01	GJM0335C1E4R7BB01D	0201	4.7	25	0.1pF					15000	
81-GJM0335C1E5R1CB01	GJM0335C1E5R1CB01D	0201	5.1	25	0.25pF					15000	
81-GJM0335C1E5R6CB01	GJM0335C1E5R6CB01D	0201	5.6	25	0.25pF					15000	
81-GJM0335C1E6R2CB01	GJM0335C1E6R2CB01D	0201	6.2	25	0.25pF					15000	
81-GJM0335C1E6R8CB01	GJM0335C1E6R8CB01D	0201	6.8	25	0.25pF					15000	
81-GJM1555C1HR10BB01	GJM1555C1HR10BB01D	0402	0.1	50	0.1pF					10000	
81-GJM1555C1HR40BB01	GJM1555C1HR40BB01D	0402	0.4	50	0.1pF					10000	
81-GJM1555C1HR75CB01	GJM1555C1HR75CB01D	0402	0.8	50	0.25pF					10000	
81-GJM1555C1H1R0BB01	GJM1555C1H1R0BB01D	0402	1.0	50	0.1pF					10000	
81-GJM1555C1H1R1BB01	GJM1555C1H1R1BB01D	0402	1.1	50	0.1pF					10000	
81-GJM1555C1H1R2BB01	GJM1555C1H1R2BB01D	0402	1.2	50	0.1pF					10000	
81-GJM1555C1H1R3BB01	GJM1555C1H1R3BB01D	0402	1.3	50	0.1pF					10000	
81-GJM1555C1H1R5CB01	GJM1555C1H1R5CB01D	0402	1.5	50	0.25pF					10000	
81-GJM1555C1H2R0BB01	GJM1555C1H2R0BB01D	0402	2.0	50	0.1pF					10000	
81-GJM1555C1H2R2BB01	GJM1555C1H2R2BB01D	0402	2.2	50	0.1pF					10000	
81-GJM1555C1H2R4BB01	GJM1555C1H2R4BB01D	0402	2.4	50	0.1pF					10000	
81-GJM1555C1H2R7BB01	GJM1555C1H2R7BB01D	0402	2.7	50	0.1pF					10000	
81-GJM1555C1H3R0BB01	GJM1555C1H3R0BB01D	0402	3.0	50	0.1pF					10000	
81-GJM1555C1H3R3BB01	GJM1555C1H3R3BB01D	0402	3.3	50	0.1pF					10000	
81-GJM1555C1H3R6BB01	GJM1555C1H3R6BB01D	0402	3.6	50	0.1pF					10000	
81-GJM1555C1H3R9BB01	GJM1555C1H3R9BB01D	0402	3.9	50	0.1pF					10000	
81-GJM1555C1H4R3BB01	GJM1555C1H4R3BB01D	0402	4.3	50	0.1pF					10000	
81-GJM1555C1H4R7BB01	GJM1555C1H4R7BB01D	0402	4.7	50	0.1pF					10000	
81-GJM1555C1H5R1CB01	GJM1555C1H5R1CB01D	0402	5.1	50	0.25pF					10000	
81-GJM1555C1H5R6CB01	GJM1555C1H5R6CB01D	0402	5.6	50	0.25pF					10000	
81-GJM1555C1H6R2CB01	GJM1555C1H6R2CB01D	0402	6.2	50	0.25pF					10000	
81-GJM1555C1H6R8CB01	GJM1555C1H6R8CB01D	0402	6.8	50	0.25pF					10000	
81-GJM1555C1H7R5CB01	GJM1555C1H7R5CB01D	0402	7.5	50	0.25pF					10000	
81-GJM1555C1H8R2CB01	GJM1555C1H8R2CB01D	0402	8.2	50	0.25pF					10000	
81-GJM1555C1H9R0CB01	GJM1555C1H9R0CB01D	0402	9.0	50	0.25pF					10000	
81-GJM1555C1H9R1CB01	GJM1555C1H9R1CB01D	0402	9.1	50	0.25pF					10000	
81-GJM1555C1H120GB01	GJM1555C1H120GB01D	0402	12	50	2%					10000	
81-GJM1555C1H150GB01	GJM1555C1H150GB01D	0402	15	50	2%					10000	
81-GJM1555C1H180GB01	GJM1555C1H180GB01D	0402	18	50	2%					10000	
81-GJM1555C1H200GB01	GJM1555C1H200GB01D	0402	20	50	2%					10000	