

MURATA SMD Inductors

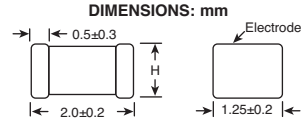
RoHS Compliant This product is RoHS compliant.



LQM SERIES MULTILAYER TYPE FOR CHOKE FERRITE CORE

The LQM21D series consists of magnetically shielded chip inductors. It has less than half the DC resistance of our conventional monolithic chip inductors as well as high inductance.

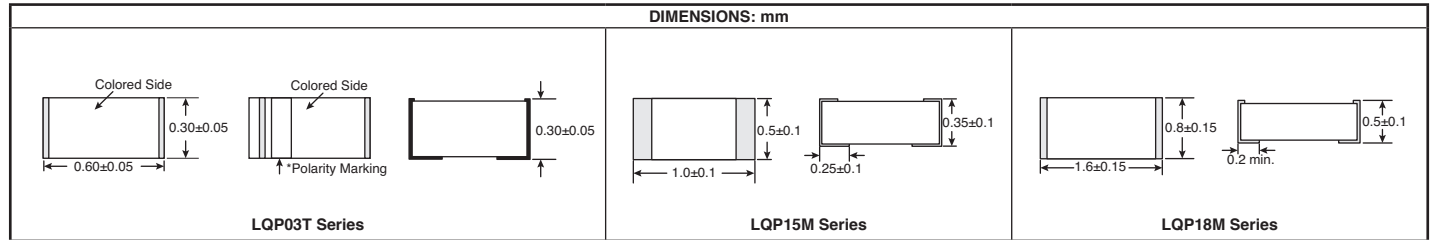
Inductance	Dimension of H
1.0 to 10 μ H	0.85 \pm 0.2
22 to 47 μ H	1.25 \pm 0.2



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Murata Part No.	Value (nH)	Tol. (%)	DCR (Max.)	Rated Current (mA)	Price Each			Reel Qty.	Price Per Piece
						1	50	100		
0603										
81-LQM18NN47NM00D	LQM18NN47NM00D	47nH	20	0.30	50	.16	.144	.135	4000	.064
81-LQM18NNR10K00D	LQM18NNR10K00D	0.10	10	0.50	50	.16	.144	.135	4000	.064
81-LQM18NNR56K00D	LQM18NNR56K00D	0.56	10	1.55	35	.16	.144	.135	4000	.064
81-LQM18NN2R2K00D	LQM18NN2R2K00D	2.20	10	1.15	15	.18	.163	.152	4000	.073
0805										
81-LQG21NR10K10	LQM21NNR10K10D	0.10	10	0.26	250	.22	.139	.129	4000	.062
81-LQG21NR15K10	LQM21NNR15K10D	0.15	10	0.32	250	.22	.139	.129	4000	.062
81-LQM21NNR18K10D	LQM21NNR18K10D	0.18	10	0.35	250	.16	.14	.131	4000	.062
81-LQG21NR22K10	LQM21NNR22K10D	0.22	10	0.38	250	.22	.139	.129	4000	.062
81-LQG21NR39K10	LQM21NNR39K10D	0.39	10	0.53	200	.22	.139	.129	4000	.062
81-LQG21NR47K10	LQM21NNR47K10D	0.47	10	0.57	200	.22	.139	.129	4000	.062
81-LQG21NR56K10	LQM21NNR56K10D	0.56	10	0.63	150	.22	.139	.129	4000	.062
81-LQM21NNR68K10D	LQM21NNR68K10D	0.68	10	0.72	150	.17	.151	.141	4000	.09
81-LQG21NR82K10	LQM21NNR82K10D	0.82	10	0.81	150	.17	.153	.143	4000	.068
81-LQM21FN1R0N00D	LQM21FN1R0N00D	1.0	30	0.40	50	.11	.097	.09	4000	.041
81-LQG21C1R0N00	LQM21DN1R0N00D	1.0	30	0.10	60	.26	.17	.159	4000	.077
81-LQG21N1R0K10	LQM21NN1R0K10D	1.0	10	0.40	50	.23	.15	.139	4000	.067
81-LQG21N1R2K10	LQM21NN1R2K10D	1.2	10	0.47	50	.23	.15	.139	4000	.067
81-LQG21N1R5K10	LQM21NN1R5K10D	1.5	10	0.50	50	.23	.15	.139	4000	.067
81-LQG21C2R2N00	LQM21DN2R2N00D	2.2	30	0.17	40	.26	.17	.159	4000	.077
81-LQG21N2R2K10	LQM21NN2R2K10D	2.2	10	0.63	30	.23	.15	.139	4000	.067
81-LQG21N2R7K10	LQM21NN2R7K10D	2.7	10	0.69	30	.17	.134	.123	3000	.095
81-LQG21N3R3K10	LQM21NN3R3K10L	3.3	10	0.80	30	.17	.134	.123	3000	.095
81-LQM21FN4R7N00L	LQM21FN4R7N00L	4.7	30	0.30	80	.11	.097	.09	3000	.043
81-LQG21C4R7N00	LQM21DN4R7N00D	4.7	30	0.30	30	.26	.17	.159	4000	.077
81-LQG21N4R7K10	LQM21NN4R7K10L	4.7	10	1.00	30	.17	.134	.123	3000	.095
81-LQM21FN100N00L	LQM21FN100N00L	10	30	0.50	60	.11	.099	.093	3000	.044
81-LQG21C100N00	LQM21DN100N00D	10	30	0.50	15	.26	.17	.159	4000	.077
81-LQG21C220N00	LQM21DN220N00L	22	30	0.65	13	.16	.135	.124	3000	.095

Murata Inductors



LQP SERIES HIGH FREQUENCY FILM TYPE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Mfr.	Mfr. Part No.	Value (nH)	Tol.	DCR (Max.)	Rated Current (mA)	Price Each			Reel Qty.	Price Per Piece
							1	50	100		
LQP03T Series 0201 Case Size											
81-LQP03TN1N0C00D			1	0.2nH	0.10	400	.16	.141	.132	10000	.062
81-LQP03TN1N0C02D			1	0.2nH	0.10	750	.12	.109	.101	15000	.049
81-LQP03TN1N1C02D			1.1	0.2nH	0.10	750	.12	.109	.101	15000	.049
81-LQP03TN1N2C02D			1.2	0.2nH	0.10	750	.12	.109	.101	15000	.049
81-LQP03TN1N3C02D			1.3	0.2nH	0.15	600	.12	.109	.101	15000	.049
81-LQP03TN1N5B00D			1.5	0.1nH	0.16	280	.28	.23	.222	10000	.10
81-LQP03TN1N5C02D			1.5	0.2nH	0.15	600	.12	.109	.101	15000	.049
81-LQP03TN1N6C02D			1.6	0.2nH	0.15	600	.12	.109	.101	15000	.049
81-LQP03TN1N8C00D			1.8	0.2nH	0.16	280	.16	.141	.132	10000	.062
81-LQP03TN1N8C02D			1.8	0.2nH	0.15	600	.12	.109	.101	15000	.049
81-LQP03TN2N0C02D			2	0.2nH	0.15	600	.12	.109	.101	15000	.049
81-LQP03TN2N2C00D			2.2	0.2nH	0.18	220	.16	.141	.132	10000	.062
81-LQP03TN2N2C02D			2.2	0.2nH	0.15	600	.12	.109	.101	15000	.049
81-LQP03TN2N4C02D			2.4	0.2nH	0.20	500	.12	.109	.101	15000	.049
81-LQP03TN2N7C00D			2.7	0.2nH	0.21	220	.16	.141	.132	10000	.062
81-LQP03TN2N7C02D			2.7	0.2nH	0.20	500	.12	.109	.101	15000	.049
81-LQP03TN3N0B00D			3	0.1nH	0.20	190	.28	.23	.222	10000	.10
81-LQP03TN3N0C02D			3	0.2nH	0.25	450	.12	.109	.101	15000	.049
81-LQP03TN3N3C00D			3.3	0.2nH	0.20	190	.16	.141	.132	10000	.062
81-LQP03TN3N3C02D			3.3	0.2nH	0.25	450	.12	.109	.101	15000	.049
81-LQP03TN3N6C02D			3.6	0.2nH	0.30	400	.12	.109	.101	15000	.049
81-LQP03TN3N9C02D			3.9	0.2nH	0.30	400	.12	.109	.101	15000	.049
81-LQP03TN5N1J02D			5.1	5%	0.40	350	.12	.109	.101	15000	.049
81-LQP03TN5N6J02D			5.6	5%	0.40	350	.12	.109	.101	15000	.049
81-LQP03TN6N2J02D			6.2	5%	0.60	300	.12	.109	.101	15000	.049
81-LQP03TN6N8J02D			6.8	5%	0.60	300	.12	.109	.101	15000	.049
81-LQP03TN7N5J02D			7.5	5%	0.60	300	.12	.109	.101	15000	.049
81-LQP03TN8N2J02D			8.2	5%	0.70	250	.12	.109	.101	15000	.049
81-LQP03TN9N1J02D			9.1	5%	0.70	250	.12	.109	.101	15000	.049

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							1	50	100		
LQP03T Series 0201 Case Size (Cont.)											
81-LQP03TN10N0J0D			10	5%	0.10	100	.16	.141	.132	10000	.062
81-LQP03TN10N0J2D			10	5%	0.70	250	.12	.109	.101	15000	.049
81-LQP03TN12N0J2D			12	5%	0.70	250	.12	.109	.101	15000	.049
81-LQP03TN15N0J2D			15	5%	0.70	250	.12	.109	.101	15000	.049
81-LQP03TN22N0J2D			22	5%	1.90	150	.12	.109	.101	15000	.049
81-LQP03TN27N0J0D			27	5%	2.90	70	.16	.141	.132	10000	.062
81-LQP03TN27N0J2D			27	5%	2.30	140	.12	.109	.101	15000	.049
81-LQP03TN39N0J2D			39	5%	3.00	120	.12	.109	.101	15000	.049
LQP15M Series 0402 Case Size											
81-LQP15MN1N0B02D			1	0.1nH	0.10	400	.14	.125	.116	10000	.055
81-LQP15MN1N5B02D			1.5	0.1nH	0.20	280	.14	.125	.116	10000	.055
81-LQP15MN2N0B02D			2	0.1nH	0.30	220	.14	.125	.116	10000	.055
81-LQP15MN2N7B02D			2.7	0.1nH	0.30	220	.14	.125	.116	10000	.055
81-LQP15MN3N0B02D			3	0.1nH	0.40	190	.14	.125	.116	10000	.055
81-LQP15MN3N0B02D			3.3	0.1nH	0.40	190	.14	.125	.116	10000	.055
81-LQP15MN3N6B02D			3.6	0.1nH	0.50	170	.14	.125	.116	10000	.055
81-LQP15MN4N3B02D			4.3	0.1nH	0.60	160	.14	.125	.116	10000	.055
81-LQP15MN4N7B02D			4.7	0.1nH	0.60	160	.14	.125	.116	10000	.055
81-LQP15MN5N6B02D			5.6	0.1nH	0.70	140	.14	.125	.116	10000	.055
81-LQP15MN8N2B02D			8.2	0.1nH	1.10	110	.14	.125	.116	10000	.055
81-LQP15MN15NG02D			15	2%	1.80	90	.14	.13	.12	10000	.07
81-LQP15MN18NG02D			18	2%	2.00	80	.14	.13	.12	10000	.07
81-LQP15MN22NG02D			22	2%	2.60	70	.14	.13	.12	10000	.08
81-LQP15MN33NG02D			33	2%	3.80	60	.14	.13	.12	10000	.07
LQP18M Series 0603 Case Size											
81-LQP18MN3N3C02D			3.3	0.2nH	0.40	250	.42	.373	.33	4000	.138
81-LQP18MN5N6C02D			5.6	0.2nH	0.60	200	.42	.373	.33	4000	.138
81-LQP18MN6N8C02D			6.8	0.2nH	0.70	200	.42	.373	.33	4000	.138
81-LQP18MN12NG02D			12	2%	1.00	150	.42	.373	.33	4000	.138