

MURATA SMD Inductors



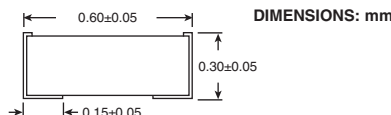
LQP SERIES HIGH FREQUENCY FILM TYPE

This product is RoHS compliant.

LQP03T series using Murata's original thin film technology contributes further to miniaturizing high performance equipment due to small case size and high Q-value.

Applications:

- High frequency circuits of mobile phones such as PA, ANT, VCO, SAW, etc.
- Mobile phones such as GSM, CDMA, PDC, etc.
- "Bluetooth"
- W-LAN
- High frequency circuits in general



RoHS Compliant

For quantities of 20,000 and up, call for quote.

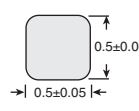
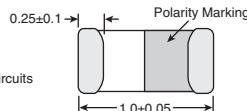
MOUSER STOCK NO.	Murata Part No.	Case Size	Value (nH)	Tol.	Q Min.	Test Freq. (MHz)	SRF (Min)	DCR (Max.)	Rated Current (mA)	Price Each				Reel Qty.	Price Per Piece
										1	50	100	1000		
81-LQP03TN1N0C00D	LQP03TN1N0C00D	0201	1.0	0.2nH	11	500	6000	0.10	400	.14	.13	.101	.072	10000	.05
81-LQP03TN1N5B00D	LQP03TN1N5B00D	0201	1.5	0.1nH	11	500	6000	0.16	280	.17	.15	.124	.087	10000	.062
81-LQP03TN1N8C00D	LQP03TN1N8C00D	0201	1.8	0.2nH	13	500	6000	0.16	280	.14	.13	.101	.072	10000	.05
81-LQP03TN2N2C00D	LQP03TN2N2C00D	0201	2.2	0.2nH	11	500	6000	0.18	220	.14	.13	.101	.072	10000	.05
81-LQP03TN2N7C00D	LQP03TN2N7C00D	0201	2.7	0.2nH	11	500	6000	0.21	220	.14	.13	.101	.072	10000	.051
81-LQP03TN3N0B00D	LQP03TN3N0B00D	0201	3.0	0.1nH	13	500	6000	0.20	190	.17	.15	.124	.087	10000	.062
81-LQP03TN3N3C00D	LQP03TN3N3C00D	0201	3.3	0.2nH	13	500	6000	0.20	190	.14	.13	.101	.072	10000	.05
81-LQP03TN4N7J00D	LQP03TN4N7J00D	0201	4.7	5%	13	500	6000	0.40	160	.14	.13	.101	.072	10000	.05
81-LQP03TN8N2J00D	LQP03TN8N2J00D	0201	8.2	5%	13	500	5500	0.86	110	.14	.13	.101	.072	10000	.05
81-LQP03TN10NJ00D	LQP03TN10NJ00D	0201	10	5%	13	500	4500	1.1	100	.14	.13	.101	.072	10000	.05
81-LQP03TN18NJ00D	LQP03TN18NJ00D	0201	18	5%	11	500	3100	1.6	80	.14	.13	.101	.072	10000	.05
81-LQP03TN27NH00D	LQP03TN27NH00D	0201	27	3%	11	500	2500	2.9	70	.17	.15	.124	.087	10000	.062
81-LQP03TN27NJ00D	LQP03TN27NJ00D	0201	27	5%	11	500	2500	2.9	70	.14	.13	.101	.072	10000	.05
81-LQP15MN1N0B02D	LQP15MN1N0B02D	0402	1.0	0.1nH	13	500	6000	0.10	400	.16	.15	.116	.083	10000	.058
81-LQP15MN1N5B02D	LQP15MN1N5B02D	0402	1.5	0.1nH	13	500	6000	0.20	280	.16	.15	.116	.083	10000	.058
81-LQP15MN2N0B02D	LQP15MN2N0B02D	0402	2.0	0.1nH	13	500	6000	0.30	220	.16	.15	.116	.083	10000	.058
81-LQP15MN2N7B02D	LQP15MN2N7B02D	0402	2.7	0.1nH	13	500	6000	0.30	220	.16	.15	.116	.083	10000	.058
81-LQP15MN3N0B02D	LQP15MN3N0B02D	0402	3.0	0.1nH	13	500	6000	0.40	190	.16	.15	.116	.083	10000	.058
81-LQP15MN3N0B02D	LQP15MN3N0B02D	0402	3.3	0.1nH	13	500	6000	0.40	190	.16	.15	.116	.083	10000	.058
81-LQP15MN3N6B02D	LQP15MN3N6B02D	0402	3.6	0.1nH	13	500	6000	0.50	170	.16	.15	.116	.083	10000	.058
81-LQP15MN4N3B02D	LQP15MN4N3B02D	0402	4.3	0.1nH	13	500	6000	0.60	160	.23	.20	.18	.095	10000	.066
81-LQP15MN4N7B02D	LQP15MN4N7B02D	0402	4.7	0.1nH	13	500	6000	0.60	160	.16	.15	.116	.083	10000	.058
81-LQP15MN5N6B02D	LQP15MN5N6B02D	0402	5.6	0.1nH	13	500	6000	0.70	140	.16	.15	.116	.083	10000	.058
81-LQP15MN8N2B02D	LQP15MN8N2B02D	0402	8.2	0.1nH	13	500	5500	1.1	110	.16	.15	.116	.083	10000	.058
81-LQP15MN15NG02D	LQP15MN15NG02D	0402	15	2%	13	500	3300	1.8	90	.24	.20	.18	.10	10000	.07
81-LQP15MN18NG02D	LQP15MN18NG02D	0402	18	2%	13	500	3100	2.0	80	.24	.20	.18	.10	10000	.07
81-LQP15MN22NG02D	LQP15MN22NG02D	0402	22	2%	13	500	2800	2.6	70	.24	.20	.18	.10	10000	.09
81-LQP15MN33NG02D	LQP15MN33NG02D	0402	33	2%	13	500	2100	3.8	60	.24	.20	.18	.10	10000	.07
81-LQP18MN1N5C02D	LQP18MN1N5C02D	0603	1.5	0.2nH	17	500	6000	0.30	300	.40	.35	.31	.148	4000	.108
81-LQP18MN2N7C02D	LQP18MN2N7C02D	0603	2.7	0.2nH	17	500	6000	0.40	250	.40	.35	.31	.148	4000	.108
81-LQP18MN3N3C02D	LQP18MN3N3C02D	0603	3.3	0.2nH	17	500	6000	0.40	250	.40	.35	.31	.148	4000	.108
81-LQP18MN3N9C02D	LQP18MN3N9C02D	0603	3.9	0.2nH	17	500	5900	0.50	200	.40	.35	.31	.148	4000	.108
81-LQP18MN4N7C02D	LQP18MN4N7C02D	0603	4.7	0.2nH	17	500	5200	0.50	200	.40	.35	.31	.148	4000	.108
81-LQP18MN5N6C02D	LQP18MN5N6C02D	0603	5.6	0.2nH	17	500	4700	0.60	200	.40	.35	.31	.19	4000	.16
81-LQP18MN6N8C02D	LQP18MN6N8C02D	0603	6.8	0.2nH	17	500	4300	0.70	200	.40	.35	.31	.19	4000	.16
81-LQP18MN8N2C02D	LQP18MN8N2C02D	0603	8.2	0.2nH	17	500	3600	0.80	150	.40	.35	.31	.148	4000	.108
81-LQP18MN10NG02D	LQP18MN10NG02D	0603	10	2%	17	500	3400	1.0	150	.40	.35	.31	.148	4000	.108
81-LQP18MN12NG02D	LQP18MN12NG02D	0603	12	2%	17	500	3000	1.0	150	.40	.35	.31	.148	4000	.108
81-LQP18MN15NG02D	LQP18MN15NG02D	0603	15	2%	17	500	2700	1.3	150	.40	.35	.31	.148	4000	.108
81-LQP18MN47NG02D	LQP18MN47NG02D	0603	47	2%	17	300	1200	2.2	100	.40	.35	.31	.148	4000	.108

LQG HIGH FREQUENCY MULTILAYER TYPE AIR CORE COIL

The LQG15HS series are chip inductors specifically designed for high frequency applications. The LQG15H series is designed to realize stable characteristics in high frequency range applying integrated multilayer process.

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										1	50	100	1000		
81-LQG15HS1N0S02D	LQG15HS1N0S02D	0402	1.0	0.3nH	8	100	10000	0.07	300	.04	.03	.024	.021	10000	.018
81-LQG15HS1N2S02D	LQG15HS1N2S02D	0402	1.2	0.3nH	8	100	6000	0.09	300	.04	.03	.024	.021	10000	.018
81-LQG15HS1N5S02D	LQG15HS1N5S02D	0402	1.5	0.3nH	8	100	6000	0.10	300	.04	.03	.024	.021	10000	.018
81-LQG15HS1N8S02D	LQG15HS1N8S02D	0402	1.8	0.3nH	8	100	6000	0.10	300	.04	.03	.024	.021	10000	.018
81-LQG15HS2N2S02D	LQG15HS2N2S02D	0402	2.2	0.3nH	8	100	6000	0.12	300	.04	.03	.024	.021	10000	.018
81-LQG15HS2N7S02D	LQG15HS2N7S02D	0402	2.7	0.3nH	8	100	6000	0.15	300	.04	.03	.024	.021	10000	.018
81-LQG15HS3N3S02D	LQG15HS3N3S02D	0402	3.3	0.3nH	8	100	6000	0.17	300	.04	.03	.024	.021	10000	.018
81-LQG15HS3N9S02D	LQG15HS3N9S02D	0402	3.9	0.3nH	8	100	6000	0.18	300	.04	.03	.024	.021	10000	.018
81-LQG15HS4N7S02D	LQG15HS4N7S02D	0402	4.7	0.3nH	8	100	6000	0.18	300	.04	.03	.024	.021	10000	.018
81-LQG15HS5N6S02D	LQG15HS5N6S02D	0402	5.6	0.3nH	8	100	4500	0.20	300	.04	.03	.024	.021	10000	.018
81-LQG15HS6N2S02D	LQG15HS6N2S02D	0402	6.2	0.3nH	8	100	4500	0.22	300	.04	.03	.024	.021	10000	.018
81-LQG15HS6N8J02D	LQG15HS6N8J02D	0402	6.8	5%	8	100	4500	0.24	300	.04	.03	.024	.021	10000	.018
81-LQG15HS8N2J02D	LQG15HS8N2J02D	0402	8.2	5%	8	100	3700	0.24	300	.04	.03	.024	.021	10000	.018
81-LQG15HS10NJ02D	LQG15HS10NJ02D	0402	10	5%	8	100	3400	0.26	300	.04	.03	.024	.021	10000	.018
81-LQG15HS12NJ02D	LQG15HS12NJ02D	0402	12	5%	8	100	3000	0.28	300	.04	.03	.024	.021	10000	.018
81-LQG15HS15NJ02D	LQG15HS15NJ02D	0402	15	5%	8	100	2500	0.32	300	.04	.03	.024	.021	10000	.018
81-LQG15HS18NJ02D	LQG15HS18NJ02D	0402	18	5%	8	100	2200	0.36	300	.04	.03	.024	.021	10000	.018
81-LQG15HS22NJ02D	LQG15HS22NJ02D	0402	22	5%	8	100	1900	0.42	300	.04	.03	.024	.021	10000	.018
81-LQG15HS27NJ02D	LQG15HS27NJ02D	0402	27	5%	8	100	1700	0.46	300	.04	.03	.024	.021	10000	.018
81-LQG15HS33NJ02D	LQG15HS33NJ02D	0402	33	5%	8	100	1600	0.58	200	.04	.03	.024	.021	10000	.018
81-LQG15HS39NJ02D	LQG15HS39NJ02D	0402	39	5%	8	100	1200	0.65	200	.05	.04	.039	.028	10000	.022
81-LQG15HS47NJ02D	LQG15HS47NJ02D	0402	47	5%	8	100	1000	0.72	200	.05	.04	.039	.028	10000	.022
81-LQG15HS56NJ02D	LQG15HS56NJ02D	0402	56	5%	8	100	800	0.82	200	.05	.04	.039	.028	10000	.022
81-LQG15HS68NJ02D	LQG15HS68NJ02D	0402	68	5%	8	100	800	0.92	180	.08	.06	.048	.034	10000	.024
81-LQG15HS82NJ02D	LQG15HS82NJ02D	0402	82	5%	8	100	700	1.20	150	.08	.06	.048	.034	10000	.024
81-LQG15HSR10J02D	LQG15HSR10J02D	0402	0.10uH	5%	8	100	600	1.25	150	.08	.06	.048	.034	10000	.024
81-LQG15HSR12J02D	LQG15HSR12J02D	0402	0.12uH	5%	8	100	600	1.30	150	.08	.06	.048	.034	10000	.024
81-LQG15HSR15J02D	LQG15HSR15J02D	0402	0.15uH	5%	8	100	550	2.99	140	.09	.06	.052	.037	10000	.026
81-LQG15HSR18J02D	LQG15HSR18J02D	0402	0.18uH	5%	8	100	500	3.38	130	.09	.06	.052	.037	10000	.026
81-LQG15HSR22J02D	LQG15HSR22J02D	0402	0.22uH	5%	8	100	450	3.77	120	.09	.06	.052	.037	1000	