



Chip Coils Monolithic and Film Type SMD (Cont.)



Dimensions in mm

Inductance (nH)	Tolerance	Test Freq. (MHz)	Rated Current (mA)	Q (Min.)	DCR (Ω)	SRF Min. (MHz)	Digi-Key Part No.	Cut Tape Pricing		Tape and Reel Pricing		Murata Part No.	
								10	100	Qty.	Pricing		
LQG15HS Series — Case 0402													
1.0	±0.3nH	100	300	8	0.07 max.	10,000	490-2610-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS1N0S02D
1.2	±0.3nH	100	300	8	0.09 max.	6,000	490-2611-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS1N2S02D
1.5	±0.3nH	100	300	8	0.10 max.	6,000	490-2612-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS1N5S02D
1.8	±0.3nH	100	300	8	0.10 max.	6,000	490-2613-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS1N8S02D
2.2	±0.3nH	100	300	8	0.12 max.	6,000	490-2614-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS2N2S02D
2.7	±0.3nH	100	300	8	0.15 max.	6,000	490-2615-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS2N7S02D
3.3	±0.3nH	100	300	8	0.17 max.	6,000	490-2616-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS3N3S02D
3.9	±0.3nH	100	300	8	0.18 max.	6,000	490-2617-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS3N9S02D
4.7	±0.3nH	100	300	8	0.18 max.	6,000	490-2618-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS4N7S02D
5.6	±0.3nH	100	300	8	0.20 max.	4,500	490-2619-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS5N6S02D
6.2	±0.3nH	100	300	8	0.22 max.	4,500	490-2620-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS6N2S02D
6.8	±5%	100	300	8	0.24 max.	4,500	490-2621-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS6N8J02D
7.5	±5%	100	300	8	0.24 max.	4,200	490-3456-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS7N5J02D
8.2	±5%	100	300	8	0.24 max.	3,700	490-2622-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS8N2J02D
10	±5%	100	300	8	0.26 max.	3,400	490-2623-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS10NJ02D
12	±5%	100	300	8	0.28 max.	3,000	490-2624-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS12NJ02D
15	±5%	100	300	8	0.32 max.	2,500	490-2625-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS15NJ02D
18	±5%	100	300	8	0.36 max.	2,200	490-2626-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS18NJ02D
22	±5%	100	300	8	0.42 max.	1,900	490-2627-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS22NJ02D
27	±5%	100	300	8	0.46 max.	1,700	490-2628-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS27NJ02D
33	±5%	100	200	8	0.58 max.	1,600	490-2629-1-ND	.06	49	3.87	10,000	16.92/M	LOG15HS33NJ02D
39	±5%	100	200	8	0.65 max.	1,200	490-2630-1-ND	.07	53	4.23	10,000	18.51/M	LOG15HS39NJ02D
47	±5%	100	200	8	0.72 max.	1,000	490-2631-1-ND	.07	53	4.23	10,000	18.51/M	LOG15HS47NJ02D
56	±5%	100	200	8	0.82 max.	800	490-2632-1-ND	.07	53	4.23	10,000	18.51/M	LOG15HS56NJ02D
68	±5%	100	180	8	0.92 max.	800	490-2633-1-ND	.07	53	4.23	10,000	18.51/M	LOG15HS68NJ02D
82	±5%	100	150	8	1.20 max.	700	490-2634-1-ND	.07	57	4.56	10,000	19.95/M	LOG15HS82NJ02D
100	±5%	100	150	8	1.25 max.	600	490-2635-1-ND	.07	57	4.56	10,000	19.95/M	LOG15HSR10J02D
120	±5%	100	150	8	1.30 max.	600	490-2636-1-ND	.07	57	4.56	10,000	19.95/M	LOG15HSR12J02D
150	±5%	100	140	8	2.99 max.	550	490-2637-1-ND	.07	63	4.99	10,000	21.48/M	LOG15HSR15J02D
180	±5%	100	130	8	3.38 max.	500	490-2638-1-ND	.07	63	4.99	10,000	21.83/M	LOG15HSR18J02D
220	±5%	100	120	8	3.77 max.	450	490-2639-1-ND	.07	63	4.99	10,000	21.48/M	LOG15HSR22J02D
270	±5%	100	110	8	4.94 max.	400	490-2640-1-ND	.07	63	4.99	10,000	21.48/M	LOG15HSR27J02D
LQM18F Series — Case 0603													
1000	±20%	1	150	—	0.20 ±30%	120	490-4022-1-ND	.13	1.07	8.56	4,000	37.18/M	LQM18FN1R0M00D
2200	±20%	1	120	—	0.40 ±30%	80	490-4023-1-ND	.13	1.07	8.56	4,000	37.18/M	LQM18FN2R2M00D
4700	±20%	1	80	—	0.60 ±30%	50	490-4024-1-ND	.13	1.07	8.56	4,000	37.18/M	LQM18FN4R7M00D
10000	±20%	1	50	—	0.90 ±30%	30	490-4025-1-ND	.13	1.07	8.56	4,000	37.18/M	LQM18FN10M00D
LQM18N Series — Case 0603													
47	±20%	50	50	10	0.30 max.	260	490-1110-1-ND	.19	1.59	12.75	4,000	55.81/M	LQM18NN47NM00D
68	±20%	50	50	10	0.30 max.	250	490-4032-1-ND	.19	1.59	12.75	4,000	56.18/M	LQM18NN68NM00D
100	±10%	25	50	15	0.50 max.	240	490-1111-1-ND	.19	1.59	12.75	4,000	55.81/M	LQM18NNR10K00D
150	±10%	25	50	15	0.60 max.	180	490-4033-1-ND	.19	1.59	12.75	4,000	56.18/M	LQM18NNR15K00D
220	±10%	25	50	15	0.80 max.	150	490-4034-1-ND	.19	1.59	12.75	4,000	56.18/M	LQM18NNR22K00D
330	±10%	25	35	15	0.85 max.	125	490-4035-1-ND	.19	1.59	12.75	4,000	56.18/M	LQM18NNR33K00D
470	±10%	25	35	15	1.35 max.	105	490-4036-1-ND	.19	1.59	12.75	4,000	56.18/M	LQM18NNR47K00D
680	±10%	25	35	15	1.70 max.	90	490-4037-1-ND	.19	1.59	12.75	4,000	56.18/M	LQM18NNR68K00D
1000	±10%	10	25	35	0.60 max.	75	490-1112-1-ND	.21	1.80	14.37	4,000	62.89/M	LQM18NN1R0K00D
1500	±10%	10	25	35	0.80 max.	60	490-4038-1-ND	.21	1.80	14.37	4,000	62.79/M	LQM18NN1R5K00D
2200	±10%	10	15	35	1.15 max.	50	490-1113-1-ND	.21	1.80	14.37	4,000	62.89/M	LQM18NN2R2K00D
LQG18H Series — Case 0603													
1.2	±0.3nH	100	500	12	0.10 max.	6,000	490-1099-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN1N2S00D
1.5	±0.3nH	100	500	12	0.10 max.	6,000	490-1100-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN1N5S00D
1.8	±0.3nH	100	500	12	0.10 max.	6,000	490-1101-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN1N8S00D
2.2	±0.3nH	100	500	12	0.10 max.	6,000	490-1102-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN2N2S00D
2.7	±0.3nH	100	500	12	0.15 max.	6,000	490-1103-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN2N7S00D
3.3	±0.3nH	100	500	12	0.15 max.	6,000	490-1104-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN3N3S00D
3.9	±0.3nH	100	450	12	0.15 max.	6,000	490-1105-1-ND	.21	1.69	13.55	4,000	59.48/M	LOG18HN3N9S00D
4.7	±0.3nH	100	450	12	0.20 max.	6,000	490-1106-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN4N7S00D
5.6	±0.3nH	100	430	12	0.20 max.	5,000	490-1107-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN5N6S00D
6.8	±5%	100	430	12	0.25 max.	5,000	490-1108-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN6N8J00D
8.2	±5%	100	400	12	0.25 max.	4,000	490-1109-1-ND	.17	1.45	11.57	4,000	50.60/M	LOG18HN8N2J00D
LQM21D Series — Case 0805													
4.7µH	±30%	1	30	—	0.30 max.	35	490-1120-1-ND	.21	1.81	14.47	4,000	63.32/M	LQM21DN4R7N00D
10µH	±30%	1	15	—	0.50 max.	24	490-1121-1-ND	.21	1.81	14.47	4,000	63.32/M	LQM21DN100N00D
22µH	±30%	1	13	—	0.65 max.	16	490-1123-1-ND	.21	1.81	14.47	4,000	63.32/M	LQM21DN220N00D
LQM21F Series — Case 0805													
1.0µH	±30%	1	220	—	0.20 ±30%	105	490-4026-1-ND	.13	1.07	8.56	4,000	37.18/M	LQM21FN1R0N00D
2.2µH	±30%	1	150	—	0.28 ±30%	70	490-4027-1-ND	.13	1.07	8.56	4,000	37.18/M	LQM21FN2R2N00D
4.7µH	±20%	1	120	—	0.35 ±30%	25	490-4028-1-ND	.15	1.25	9.95	3,000	43.79/M	LQM21FN4R7M70L
10µH	±20%	1	100	—	0.60 ±30%	15	490-4029-1-ND	.15	1.25	9.95	3,000	43.79/M	LQM21FN100M70L
10µH	±30%	1	60	—	0.50 ±30%	15	490-1122-1-ND	.13	1.10	8.79	3,000	38.46/M	LQM21FN100N00L
22µH	±30%	1	13	—	0.35 ±30%	15	490-4030-1-ND	.13	1.10	8.79	3,000	38.83/M	LQM21FN220N00L
47µH	±30%	1	7	—	0.60 ±30%	7.5	490-4031-1-ND	.13	1.10	8.79	3,000	38.83/M	LQM21FN470N00L
LQM21N Series — Case 0805													
0.1µH	±10%	25	250	20	0.26 max.	340	490-1114-1-ND	.19	1.55	12.42	4,000	54.36/M	LQM21NNR10K10D
0.22µH	±10%	25	250	20	0.38 max.	220	490-1115-1-ND	.19	1.55	12.42	4,000	54.36/M	LQM21NNR22K10D
0.47µH	±10%	25	200	25	0.57 max.	150	490-1116-1-ND	.19	1.55	12.42	4,000	54.36/M	LQM21NNR47K10D
1.0µH	±10%	10	50	45	0.40 max.	107	490-1117-1-ND	.20	1.68	13.38	4,000	58.55/M	LQM21NN1R0K10D
1.5µH	±10%	10	50	45	0.50 max.	87	490-1118-1-ND	.20	1.68	13.38	4,000	58.55/M	LQM21NN1R5K10D
2.2µH	±10%	10	30	45	0.63 max.	71	490-1119-1-ND	.20	1.68	13.38	4,000	58.55/M	LQM21NN2R2K10D