

MURATA SMD Inductors



This product is RoHS compliant.



LQH SERIES

MOUSER STOCK NO.	Murata Part No.	Fig.	Case Size	Value (µH)	Tol.	Q Min.	Test Freq. (MHz)	SRF (Min)	DCR (Max.)	Rated Current (mA)	Price Each				Reel Qty.	Price Per Piece
											1	25	50	100		
LQH31M Series																
81-LQH31MN100K03L	LQH31MN100K03L	A	1206	10	10%	35	5	20	2.5	100	24.99	21.91	19.17	15.74	2000	14.03
81-LQH31MN220J03L	LQH31MN220J03L	A	1206	22	5%	40	1	14	3.1	85	26.01	22.93	19.85	16.43	2000	14.38
81-LQH31MN470K03L	LQH31MN470K03L	A	1206	47	10%	40	2.5	10	8	55	24.99	21.91	19.17	15.74	2000	14.03
LQH32C Series																
81-LQH32CN1R0M33L	LQH32CN1R0M33L	B	1210	1	20%	-	1	96	0.09	800	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN1R0M53L	LQH32CN1R0M53L	B	1210	1	20%	-	1	100	0.060	1000	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN2R2M23L	LQH32CN2R2M23L	B	1210	2.2	20%	-	1	64	0.13	600	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN2R2M33L	LQH32CN2R2M33L	B	1210	2.2	20%	-	1	64	0.13	600	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN2R2M53L	LQH32CN2R2M53L	B	1210	2.2	20%	-	1	64	0.13	600	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN4R7M23L	LQH32CN4R7M23L	B	1210	4.7	20%	-	1	43	0.20	450	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN4R7M33L	LQH32CN4R7M33L	B	1210	4.7	20%	-	1	43	0.20	450	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN4R7M53L	LQH32CN4R7M53L	B	1210	4.7	20%	-	1	43	0.20	450	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN100K23L	LQH32CN100K23L	B	1210	10	10%	-	1	26	0.44	300	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN100K33L	LQH32CN100K33L	B	1210	10	10%	-	1	26	0.44	300	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN100K53L	LQH32CN100K53L	B	1210	10	10%	-	1	26	0.44	300	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN220K23L	LQH32CN220K23L	B	1210	22	10%	-	1	19	0.71	250	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN220K53L	LQH32CN220K53L	B	1210	22	10%	-	1	19	0.71	250	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN330K53L	LQH32CN330K53L	B	1210	33	10%	-	1	17	1.1	200	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN470K23L	LQH32CN470K23L	B	1210	47	10%	-	1	15	1.3	170	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN470K53L	LQH32CN470K53L	B	1210	47	10%	-	1	15	1.3	170	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN101K23L	LQH32CN101K23L	B	1210	100	10%	-	1	10	3.5	100	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN101K53L	LQH32CN101K53L	B	1210	100	10%	-	1	10	3.5	100	10.27	9.58	9.04	8.42	2000	4.00
81-LQH32CN221K23L	LQH32CN221K23L	B	1210	220	10%	-	1	6.8	8.40	70	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN331K23L	LQH32CN331K23L	B	1210	330	10%	-	1	5.6	10.00	60	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN471K23L	LQH32CN471K23L	B	1210	470	10%	-	1	5	19	60	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32CN561K23L	LQH32CN561K23L	B	1210	560	10%	-	1	5	22	60	9.24	8.56	8.28	7.74	2000	3.66
LQH32M Series																
81-LQH32MN1R5K23L	LQH32MN1R5K23L	B	1210	1.5	10%	20	1	75	0.6	400	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN100J23L	LQH32MN100J23L	B	1210	10	5%	35	1	20	1.8	190	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN100K23L	LQH32MN100K23L	B	1210	10	10%	35	1	20	1.8	190	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN220J23L	LQH32MN220J23L	B	1210	22	5%	35	1	14	2.8	150	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN220K23L	LQH32MN220K23L	B	1210	22	10%	35	1	14	2.8	150	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN330J23L	LQH32MN330J23L	B	1210	33	5%	40	1	12	3.5	115	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN470J23L	LQH32MN470J23L	B	1210	47	5%	40	1	11	4.3	170	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN820J23L	LQH32MN820J23L	B	1210	82	5%	40	1	8.5	6.2	70	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN101J23L	LQH32MN101J23L	B	1210	100	5%	40	1	8	7.0	80	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN101K23L	LQH32MN101K23L	B	1210	100	10%	40	1	8	7.0	80	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN151J23L	LQH32MN151J23L	B	1210	150	5%	40	1	7	9.3	70	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN221J23L	LQH32MN221J23L	B	1210	220	5%	40	1	5.5	11.8	65	9.24	8.56	8.28	7.74	2000	3.66
81-LQH32MN221K23L	LQH32MN221K23L	B	1210	220	10%	40	1	5.5	11.8	65	9.24	8.56	8.28	7.74	2000	3.66
LQH43C Series																
81-LQH43CN1R0M03L	LQH43CN1R0M03L	C	1812	1	20%	-	1	100	0.08	1080	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN2R2M03L	LQH43CN2R2M03L	C	1812	2.2	20%	-	1	60	0.11	900	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN3R3M03L	LQH43CN3R3M03L	C	1812	3.3	20%	-	1	47	0.13	800	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN4R7M03L	LQH43CN4R7M03L	C	1812	4.7	20%	-	1	35	0.15	750	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN100K03L	LQH43CN100K03L	C	1812	10	10%	-	1	23	0.24	650	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN150K03L	LQH43CN150K03L	C	1812	15	10%	-	1	20	0.32	570	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN220K03L	LQH43CN220K03L	C	1812	22	10%	-	1	15	0.60	420	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN330K03L	LQH43CN330K03L	C	1812	33	10%	-	1	12	1.0	310	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN470K03L	LQH43CN470K03L	C	1812	47	10%	-	1	10	1.1	280	15.40	14.38	13.66	12.73	500	6.06
81-LQH43CN101K03L	LQH43CN101K03L	C	1812	100	10%	-	1	6.8	2.2	190	16.09	15.06	14.31	13.35	500	6.06
81-LQH43CN221K03L	LQH43CN221K03L	C	1812	220	10%	-	1	4.5	4.0	110	16.09	15.06	14.31	13.35	500	6.06
LQH43M Series																
81-LQH43MN1R0M03L	LQH43MN1R0M03L	C	1812	1	20%	20	1	120	0.20	500	19.17	17.80	16.84	15.71	500	7.46
81-LQH43MN4R7K03L	LQH43MN4R7K03L	C	1812	4.7	10%	30	1	38	0.40	500	19.17	17.80	16.84	15.71	500	7.46
81-LQH43MN100J03L	LQH43MN100J03L	C	1812	10	5%	35	1	23	0.56	400	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN100K03L	LQH43MN100K03L	C	1812	10	10%	35	1	23	0.56	400	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN220K03L	LQH43MN220K03L	C	1812	22	10%	35	1	15	0.94	320	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN330K03L	LQH43MN330K03L	C	1812	33	10%	35	1	12	1.2	270	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN470J03L	LQH43MN470J03L	C	1812	47	5%	35	1	10	1.5	220	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN470K03L	LQH43MN470K03L	C	1812	47	10%	35	1	10	1.5	220	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN101J03L	LQH43MN101J03L	C	1812	100	5%	40	1	6.8	2.5	160	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN101K03L	LQH43MN101K03L	C	1812	100	10%	40	1	6.8	2.5	160	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN221J03L	LQH43MN221J03L	C	1812	220	5%	40	1	4.5	5.4	110	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN561K03L	LQH43MN561K03L	C	1812	560	10%	40	1	2.7	14.5	70	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN681J03L	LQH43MN681J03L	C	1812	680	5%	40	1	2.5	17	65	15.40	14.38	13.66	12.73	500	6.06
81-LQH43MN102J03L	LQH43MN102J03L	C	1812	1000	5%	40	1	2.0	25	50	17.80	16.09	14.72	11.64	500	7.46
81-LQH43MN102K03L	LQH43MN102K03L	C	1812	1000	10%	40	1	2.0	25	50	15.40	14.38	13.66	12.73	500	6.06
LQH55D Series																
81-LQH55DN1R0M03L	LQH55DN1R0M03L	D	2220	1	20%	-	1	150	0.019	4000	82.15	68.46	53.05	43.47	350	40.39
81-LQH55DN2R2M03L	LQH55DN2R2M03L	D	2220	2.2	20%	-	1	80	0.029							