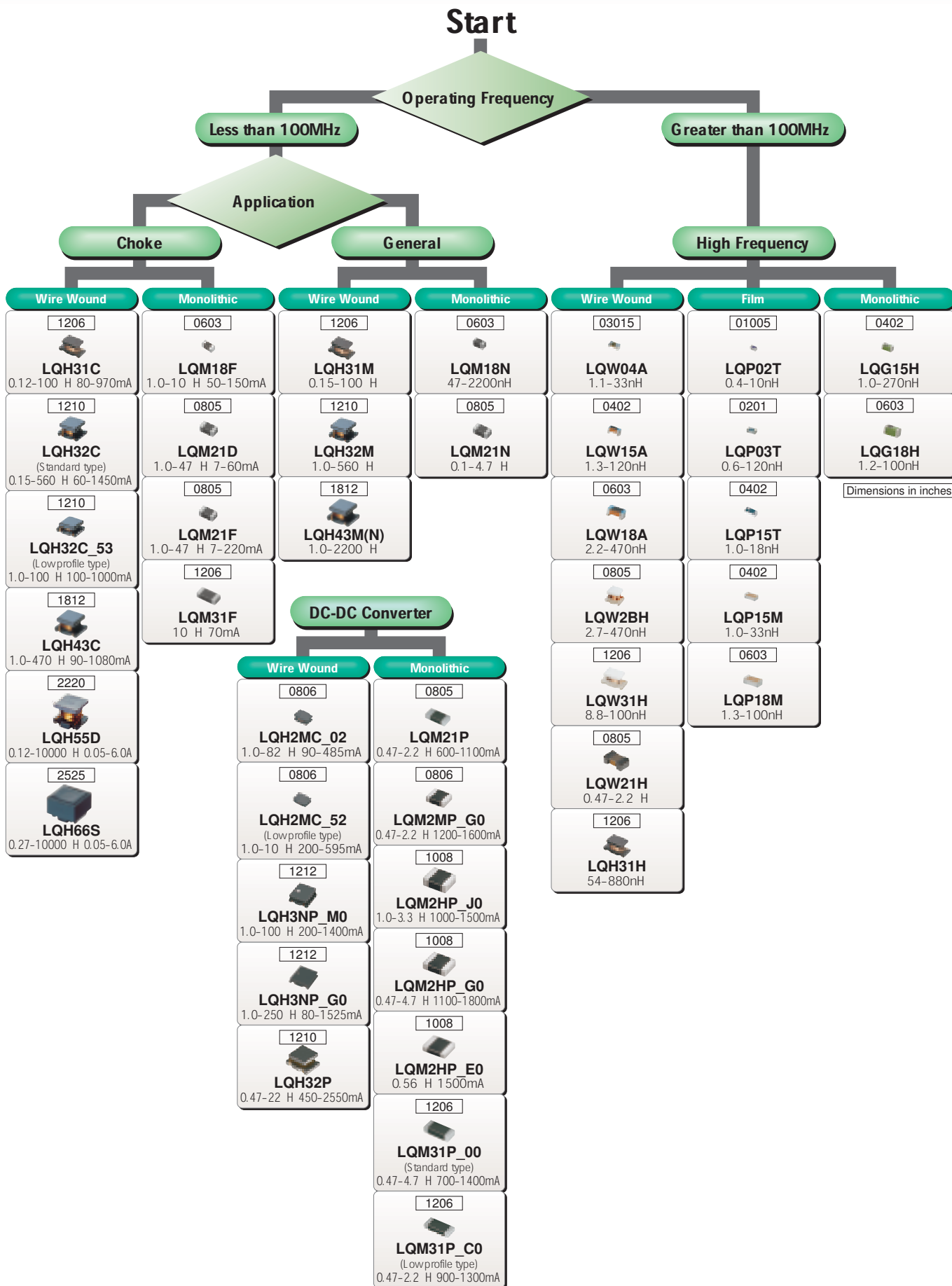


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Murata's LQ□ series of chip coils consists of compact, high-performance inductors. Their innovative coil and case structures mean low DC resistance and outstanding high-frequency characteristics. The series is designed for a variety of applications, facilitating component selection for individual circuit requirements.

Application	Part Number	Structure	Dimensions		Inductance Range (H)								
			(mm)	EIA Code	1n	10n	100n	1	10	100	1m	10m	
High Frequency Range	LQG15H	Monolithic	1.0 ±0.5	0402	1.0nH	270nH							
	LQG18H		1.6 ±0.8	0603	1.2nH	100nH							
	Tight Inductance Tolerance	LQP02T	Film	0.4 ±0.2	01005	0.4nH	10nH						
		LQP03T_00		0.6 ±0.3	0201	0.6nH	56nH						
		LQP03T_02		0.6 ±0.3	0201		68nH	120nH					
		LQP03T_04		0.6 ±0.3	0201	0.6nH	56nH						
		LQP15T		1.0 ±0.5	0402	1.0nH	18nH						
		LQP15M		1.0 ±0.5	0402	1.0nH	33nH						
		LQP18M		1.6 ±0.8	0603	1.3nH	100nH						
		Wire Wound (air core)		LQW04A	0.8 ±0.4	03015	1.1nH	33nH					
				LQW15A	1.0 ±0.5	0402	1.3nH	120nH					
				LQW18A	1.6 ±0.8	0603	2.2nH	470nH					
	LQW2BH		2.0 ±1.5	0805	2.7nH	470nH							
	LQW31H		3.2 ±1.6	1206		8.8nH	100nH						
	Wire Wound (ferrite core)	LQW21H	2.0 ±1.25	0805		0.47 H	2.2 H						
		LQH31H	3.2 ±1.6	1206		54nH	880nH						
	General Frequency Range	LQM18N	Magnetically Shielded Monolithic	1.6 ±0.8	0603		47nH	2200nH					
LQM21N		2.0 ±1.25		0805		0.1 H	4.7 H						
Wire Wound (ferrite core)		LQH31M	3.2 ±1.6	1206		0.15 H	100 H						
		LQH32M	3.2 ±2.5	1210		1.0 H	560 H						
		LQH43M(N)	3.2 ±4.5	1812		1.0 H	2200 H						
DC-DC Converter Type	LQM21P	Magnetically Shielded Monolithic	2.0 ±1.25	0805		0.47 H	2.2 H						
	LQM2MP_G0		2.0 ±1.6	0806		0.47 H	2.2 H						
	LQM2HP_J0		2.5 ±2.0	1008		1.0 H	3.3 H						
	LQM2HP_G0		2.5 ±2.0	1008		0.47 H	4.7 H						
	LQM2HP_E0		2.5 ±2.0	1008			0.56 H						
	LQM31P_00		3.2 ±1.6	1206		0.47 H	4.7 H						
	LQM31P_C0		3.2 ±1.6	1206		0.47 H	2.2 H						
	Wire Wound		LQH2MC_02	2.0 ±1.6	0806		1.0 H	82 H					
			LQH2MC_52	2.0 ±1.6	0806		1.0 H	10 H					
			LQH3NP_M0	3.0 ±3.0	1212		1.0 H	100 H					
		LQH3NP_G0	3.0 ±3.0	1212		1.0 H	250 H						
LQH32P	3.2 ±2.5	1210		0.47 H	22 H								
Chokes	LQM18F	Magnetically Shielded Monolithic	1.6 ±0.8	0603		1.0 H	10 H						
	LQM21D		2.0 ±1.25	0805		1.0 H	47 H						
	LQM21F		2.0 ±1.25	0805		1.0 H	47 H						
	LQM31F		3.2 ±1.6	1206			10 H						
	Wire Wound	LQH31C	3.2 ±1.6	1206		0.12 H	100 H						
		LQH32C	3.2 ±2.5	1210		0.15 H	560 H						
		LQH32C_53	3.2 ±2.5	1210		1.0 H	100 H						
		LQH43C	3.2 ±4.5	1812		1.0 H	470 H						
		LQH55D	5.7 ±5.0	2220		0.12 H	10000 H						
		LQH66S	6.3 ±6.3	2525		0.27 H	10000 H						

CAUTION : Use rosin-based flux, but not strong acidic flux (with chlorine content exceeding 0.2wt%) when soldering chip coil.  
Do not use water-soluble flux.