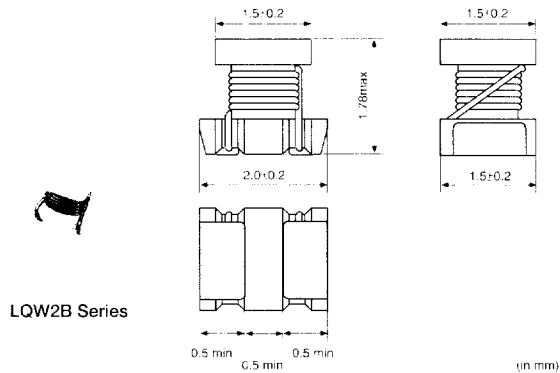


Chip Coils

for High-frequency Vertical Winding

● LQW2BH Series (0805)



Part Number	Inductance (nH)	Rated Current (mA)	Max. of DC resistance (ohm)	Q (min.)	Self Resonance Frequency (MHz)	EIA
LQW2BHN2N7D11	2.7 ±0.5nH	1900	0.02	20 at 250MHz	6000 min.	0805
LQW2BHN3N1D11	3.1 ±0.5nH	1800	0.02	20 at 250MHz	6000 min.	0805
LQW2BHN3N3D01	3.3 ±0.5nH	910	0.05	10 at 250MHz	6000 min.	0805
LQW2BHN3N3D11	3.3 ±0.5nH	1700	0.02	20 at 250MHz	6000 min.	0805
LQW2BHN5N6D11	5.6 ±0.5nH	1500	0.02	35 at 250MHz	6000 min.	0805
LQW2BHN6N8D01	6.8 ±0.5nH	680	0.11	20 at 250MHz	5400 min.	0805
LQW2BHN6N8D11	6.8 ±0.5nH	1400	0.02	35 at 250MHz	5400 min.	0805
LQW2BHN8N2D01	8.2 ±0.5nH	630	0.12	20 at 250MHz	3900 min.	0805
LQW2BHN8N6D11	8.6 ±0.5nH	1300	0.03	35 at 250MHz	3900 min.	0805
LQW2BHN33NG01	33 ±2%	570	0.15	40 at 250MHz	1900 min.	0805
LQW2BHN39NG01	39 ±2%	730	0.09	40 at 250MHz	1700 min.	0805
LQW2BHN47NG01	47 ±2%	450	0.23	40 at 200MHz	1600 min.	0805
LQW2BHN56NG01	56 ±2%	430	0.26	40 at 200MHz	1500 min.	0805
LQW2BHN68NG01	68 ±2%	460	0.23	40 at 200MHz	1200 min.	0805
LQW2BHN82NG01	82 ±2%	320	0.42	40 at 150MHz	1100 min.	0805
LQW2BHN10G01	100 ±2%	270	0.55	35 at 150MHz	900 min.	0805
LQW2BHN12G01	120 ±2%	320	0.40	40 at 150MHz	750 min.	0805
LQW2BHN15G01	150 ±2%	260	0.68	30 at 150MHz	350 min.	0805
LQW2BHN18G01	180 ±2%	250	0.71	35 at 100MHz	700 min.	0805
LQW2BHN22G01	220 ±2%	240	0.70	35 at 100MHz	500 min.	0805
LQW2BHN10NJ01	10 ±5%	1320	0.03	30 at 250MHz	3300 min.	0805
LQW2BHN10NJ11	10 ±5%	1320	0.03	35 at 250MHz	3300 min.	0805
LQW2BHN12NJ01	12 ±5%	680	0.11	30 at 250MHz	3200 min.	0805
LQW2BHN15NJ01	15 ±5%	630	0.12	30 at 250MHz	2700 min.	0805
LQW2BHN18NJ01	18 ±5%	690	0.10	30 at 250MHz	2600 min.	0805
LQW2BHN22NJ01	22 ±5%	720	0.09	30 at 250MHz	2100 min.	0805
LQW2BHN27NJ01	27 ±5%	540	0.17	40 at 250MHz	2300 min.	0805
LQW2BHN33NJ01	33 ±5%	570	0.15	40 at 250MHz	1900 min.	0805
LQW2BHN39NJ01	39 ±5%	730	0.09	40 at 250MHz	1700 min.	0805
LQW2BHN47NJ01	47 ±5%	450	0.23	40 at 200MHz	1600 min.	0805
LQW2BHN56NJ01	56 ±5%	430	0.26	40 at 200MHz	1500 min.	0805
LQW2BHN68NJ01	68 ±5%	460	0.23	40 at 200MHz	1200 min.	0805
LQW2BHN82NJ01	82 ±5%	320	0.42	40 at 150MHz	1100 min.	0805
LQW2BHN10J01	100 ±5%	350	0.38	40 at 150MHz	900 min.	0805
LQW2BHN12J01	120 ±5%	320	0.40	40 at 150MHz	750 min.	0805
LQW2BHN15J01	150 ±5%	390	0.47	30 at 150MHz	350 min.	0805
LQW2BHN18J01	180 ±5%	250	0.71	35 at 100MHz	700 min.	0805
LQW2BHN22J01	220 ±5%	240	0.70	35 at 100MHz	500 min.	0805
LQW2BHN12NK11	12 ±10%	1100	0.04	40 at 250MHz	3200 min.	0805
LQW2BHN15NK11	15 ±10%	1000	0.04	40 at 250MHz	3100 min.	0805

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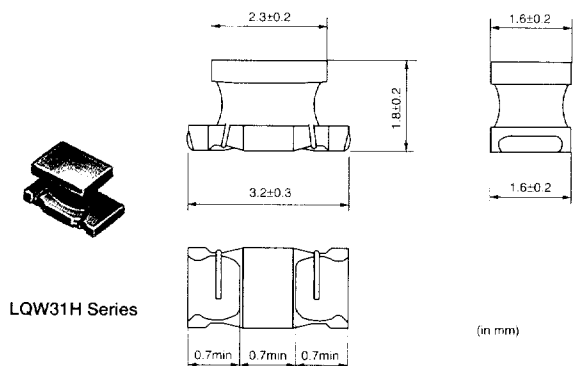
Coils/Delay Lines

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Part Number	Inductance (nH)	Rated Current (mA)	Max. of DC resistance (ohm)	Q (min.)	Self Resonance Frequency (MHz)	EIA
LQW2BHN18NK11	18.8 ±10%	1000	0.05	40 at 250MHz	2600 min.	0805
LQW2BHN21NK11	21 ±10%	950	0.05	40 at 250MHz	2200 min.	0805
LQW2BHN27NK11	27 ±10%	900	0.06	40 at 250MHz	1800 min.	0805
LQW2BHN33NK01	33 ±10%	570	0.15	40 at 250MHz	1900 min.	0805
LQW2BHN39NK01	39 ±10%	730	0.09	40 at 250MHz	1700 min.	0805
LQW2BHN47NK01	47 ±10%	450	0.23	40 at 200MHz	1600 min.	0805
LQW2BHN56NK01	56 ±10%	430	0.26	40 at 200MHz	1500 min.	0805
LQW2BHN68NK01	68 ±10%	460	0.23	40 at 200MHz	1200 min.	0805
LQW2BHN82NK01	82 ±10%	320	0.42	40 at 150MHz	1100 min.	0805
LQW2BHN10K01	100 ±10%	350	0.38	40 at 150MHz	900 min.	0805
LQW2BHN12K01	120 ±10%	320	0.40	40 at 150MHz	750 min.	0805
LQW2BHN15K01	150 ±10%	390	0.47	30 at 150MHz	350 min.	0805
LQW2BHN18K01	180 ±10%	250	0.71	35 at 100MHz	700 min.	0805
LQW2BHN22K01	220 ±10%	240	0.70	35 at 100MHz	500 min.	0805
LQW2BHN27K01	270 ±10%	190	2.00	15 at 25.2MHz	550 min.	0805
LQW2BHN33K01	330 ±10%	180	2.20	15 at 25.2MHz	500 min.	0805
LQW2BHN39K01	390 ±10%	170	2.50	15 at 25.2MHz	400 min.	0805
LQW2BHN47K01	470 ±10%	160	2.80	15 at 25.2MHz	350 min.	0805

Min. of Operating Temp. : -25°C to 85°C

● LQW31H Series (1206)



Part Number	Inductance (nH)	Rated Current (mA)	Max. of DC resistance (ohm)	Q (min.)	Self Resonance Frequency (MHz)	EIA
LQW31HN8N8J01	8.8 ±5%	750	0.0406	50 at 436MHz	1000 min.	1206
LQW31HN15NJ01	14.7 ±5%	680	0.049	60 at 436MHz	1000 min.	1206
LQW31HN17NJ01	17 ±5%	650	0.0518	60 at 436MHz	1000 min.	1206
LQW31HN23NJ01	23 ±5%	590	0.0644	60 at 436MHz	1000 min.	1206
LQW31HN27NJ01	27 ±5%	560	0.0714	60 at 436MHz	1000 min.	1206
LQW31HN33NJ01	33 ±5%	530	0.0798	60 at 436MHz	1000 min.	1206
LQW31HN39NJ01	39 ±5%	490	0.0938	60 at 436MHz	1000 min.	1206
LQW31HN47NJ01	47 ±5%	380	0.154	60 at 436MHz	1000 min.	1206
LQW31HN56NJ01	56 ±5%	330	0.196	60 at 436MHz	1000 min.	1206
LQW31HN64NJ01	64 ±5%	290	0.252	60 at 436MHz	1000 min.	1206
LQW31HN84NJ01	84 ±5%	240	0.392	60 at 436MHz	1000 min.	1206
LQW31HNR10J01	100 ±5%	230	0.42	60 at 436MHz	900 min.	1206
LQW31HN8N8K01	8.8 ±10%	750	0.0406	50 at 436MHz	1000 min.	1206
LQW31HN15NK01	14.7 ±10%	680	0.049	60 at 436MHz	1000 min.	1206
LQW31HN17NK01	17 ±10%	650	0.0518	60 at 436MHz	1000 min.	1206
LQW31HN23NK01	23 ±10%	590	0.0644	60 at 436MHz	1000 min.	1206
LQW31HN27NK01	27 ±10%	560	0.0714	60 at 436MHz	1000 min.	1206
LQW31HN33NK01	33 ±10%	530	0.0798	60 at 436MHz	1000 min.	1206
LQW31HN39NK01	39 ±10%	490	0.0938	60 at 436MHz	1000 min.	1206

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Coils/Delay Lines

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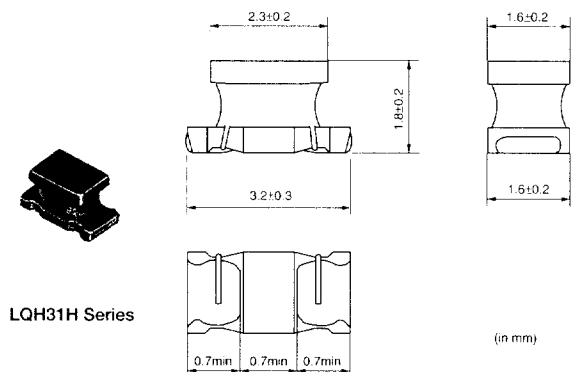
Part Number	Inductance (nH)	Rated Current (mA)	Max. of DC resistance (ohm)	Q (min.)	Self Resonance Frequency (MHz)	EIA
LQW31HN47NK01	47 ±10%	380	0.154	60 at 436MHz	1000 min.	1206
LQW31HN56NK01	56 ±10%	330	0.196	60 at 436MHz	1000 min.	1206
LQW31HN64NK01	64 ±10%	290	0.252	60 at 436MHz	1000 min.	1206
LQW31HN84NK01	84 ±10%	240	0.392	60 at 436MHz	1000 min.	1206
LQW31HNR10K01	100 ±10%	230	0.42	60 at 436MHz	900 min.	1206

Min. of Operating Temp. : -25°C to 85°C

Chip Coils

for High-frequency Winding Ferrite Type

● LQH31H Series (1206)



Part Number	Inductance (nH)	Rated Current (mA)	Max. of DC resistance (ohm)	Q (min.)	Self Resonance Frequency (MHz)	EIA
LQH31HN54NK01	54 ±10%	920	0.0455	50 at 100MHz	800 min.	1206
LQH31HN95NK01	95 ±10%	790	0.0611	60 at 100MHz	650 min.	1206
LQH31HNR14K01	145 ±10%	700	0.0793	60 at 100MHz	500 min.	1206
LQH31HNR21K01	215 ±10%	520	0.143	60 at 100MHz	430 min.	1206
LQH31HNR29K01	290 ±10%	420	0.221	60 at 100MHz	360 min.	1206
LQH31HNR39K01	390 ±10%	330	0.338	60 at 100MHz	300 min.	1206
LQH31HNR50K01	500 ±10%	260	0.572	60 at 100MHz	270 min.	1206
LQH31HNR61K01	610 ±10%	250	0.624	60 at 100MHz	240 min.	1206
LQH31HNR75K01	750 ±10%	190	1.027	60 at 100MHz	220 min.	1206
LQH31HNR88K01	880 ±10%	180	1.118	60 at 100MHz	200 min.	1206

Min. of Operating Temp. : -25°C to 85°C