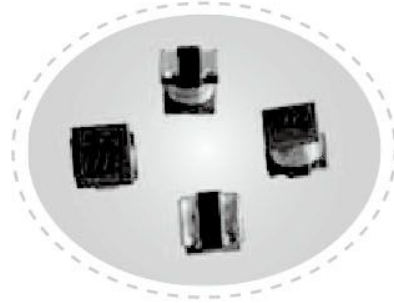




LQH SERIES

FEATURES

- High frequency design.
- High Q.
- Low resistance.



特徵

1. 具有高頻率、高Q值、低阻抗之特點。

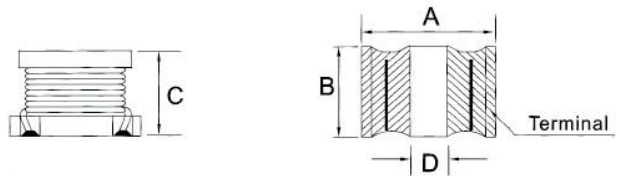
ORDERING CODE (標志示例)

LQH 1206 - IR0 K
(1) (2) (3) (4)

- | | |
|---------------------------|-------|
| (1). Type | 類型 |
| (2). Dimensions | 尺寸 |
| (3). Inductance | 電感量 |
| (4). Inductance Tolerance | 電感量公差 |

J: ±5%	K: ±10%	L: ±15%
M: ±20%	P: ±25%	N: ±30%

SHAPE AND DIMENSIONS (形狀尺寸)



Unit:mm

TYPE	A	B	C	D(REF)
LQH1206	3.2±0.3	1.6±0.2	1.8±0.2	0.7MIN
LQH1210	3.2±0.3	2.5±0.2	2.0±0.2	1.0MIN
LQH1812	4.5±0.3	3.2±0.2	2.6±0.2	1.0MIN
LQH2220	5.7±0.3	5.0±0.2	4.7±0.3	1.7MIN



LQH1206 SERIES

Part No 品名	Inductance (μ H) 電感量	Test Frequency (MHz) 測試頻率	Q(Min) (最小)	Q Test Frequency Q測試頻率	SRF(MHz) (Min) 自諧頻率(最小)	D.C.R(Ω) (Max) 直流電阻(最大)	Rated Current(mA) (Max) 額定電流(最大)
LQH1206-1R0K	1.0 μ H \pm 10%	1MHz	35	10MHz	100	0.49	175
LQH1206-1R5K	1.5 μ H \pm 10%	1MHz	35	10MHz	75	1.00	155
LQH1206-1R8K	1.8 μ H \pm 10%	1MHz	35	10MHz	60	1.60	150
LQH1206-2R7K	2.7 μ H \pm 10%	1MHz	35	10MHz	43	0.55	135
LQH1206-3R3K	3.3 μ H \pm 10%	1MHz	35	8MHz	38	0.61	130
LQH1206-4R7K	4.7 μ H \pm 10%	1MHz	35	8MHz	31	1.70	120
LQH1206-5R6K	5.6 μ H \pm 10%	1MHz	35	8MHz	28	1.80	115
LQH1206-6R8K	6.8 μ H \pm 10%	1MHz	35	8MHz	25	2.00	110
LQH1206-8R2K	8.2 μ H \pm 10%	1MHz	35	8MHz	23	2.20	100
LQH1206-100K	10 μ H \pm 10%	1MHz	35	5MHz	20	2.50	100
LQH1206-120K	12 μ H \pm 10%	1MHz	35	5MHz	18	2.70	95
LQH1206-150K	15 μ H \pm 10%	1MHz	35	5MHz	16	3.00	90
LQH1206-180K	18 μ H \pm 10%	1MHz	35	5MHz	15	3.10	85
LQH1206-220K	22 μ H \pm 10%	1MHz	40	2.5MHz	14	3.40	85
LQH1206-330K	33 μ H \pm 10%	1MHz	40	2.5MHz	12	3.80	80
LQH1206-390K	39 μ H \pm 10%	1MHz	40	2.5MHz	11	7.20	55
LQH1206-470K	47 μ H \pm 10%	1MHz	40	2.5MHz	10	8.00	55

LQH1210 SERIES

Part No 品名	Inductance (μ H) 電感量	Test Frequency (MHz) 測試頻率	Q(Min) (最小)	Q Test Frequency Q測試頻率	SRF(MHz) (Min) 自諧頻率(最小)	D.C.R(Ω) (Max) 直流電阻(最大)	Rated Current(mA) (Max) 額定電流(最大)
LQH1210-1R8K	1.8 μ H \pm 10%	1MHz	20	1MHz	60	0.70	390
LQH1210-2R2K	2.2 μ H \pm 10%	1MHz	20	1MHz	50	0.80	370
LQH1210-3R3K	3.3 μ H \pm 10%	1MHz	20	1MHz	38	1.00	300
LQH1210-3R9K	3.9 μ H \pm 10%	1MHz	20	1MHz	35	1.10	290
LQH1210-4R7K	4.7 μ H \pm 10%	1MHz	20	1MHz	31	1.20	270
LQH1210-5R6K	5.6 μ H \pm 10%	1MHz	20	1MHz	28	1.30	250
LQH1210-6R8K	6.8 μ H \pm 10%	1MHz	20	1MHz	25	1.50	240
LQH1210-100K	10 μ H \pm 10%	1MHz	35	1MHz	20	1.80	190
LQH1210-120K	12 μ H \pm 10%	1MHz	35	1MHz	18	2.00	180
LQH1210-150K	15 μ H \pm 10%	1MHz	35	1MHz	16	2.20	170
LQH1210-180K	18 μ H \pm 10%	1MHz	35	1MHz	15	2.50	165
LQH1210-220K	22 μ H \pm 10%	1MHz	35	1MHz	14	2.80	150
LQH1210-270K	27 μ H \pm 10%	1MHz	35	1MHz	13	3.10	125
LQH1210-330K	33 μ H \pm 10%	1MHz	40	1MHz	12	3.50	115
LQH1210-470K	47 μ H \pm 10%	1MHz	40	1MHz	11	4.30	110
LQH1210-560K	56 μ H \pm 10%	1MHz	40	1MHz	10	4.90	100
LQH1210-680K	68 μ H \pm 10%	1MHz	40	1MHz	9.0	5.50	85
LQH1210-820K	82 μ H \pm 10%	1MHz	40	1MHz	8.5	6.20	80
LQH1210-101K	100 μ H \pm 10%	1MHz	40	796KHz	8.0	7.00	70
LQH1210-121K	120 μ H \pm 10%	1MHz	40	796KHz	7.5	8.00	75

□ Tolerance: J: \pm 5% K: \pm 10% L: \pm 15% M: \pm 20% P: \pm 25% N: \pm 30%



LQH1812 SERIES

Part No 品名	Inductance (μ H) 電感量	Test Frequency (MHz) 測試頻率	Q(Min) (最小)	Q Test Frequency Q測試頻率	SRF(MHz) (Min) 自諧頻率(最小)	D.C.R(Ω) (Max) 直流電阻(最大)	Rated Current(mA) (Max) 額定電流(最大)
LQH1812-3R9K	3.9 μ H \pm 10%	1MHz	20	1MHz	141	0.38	500
LQH1812-4R7K	4.7 μ H \pm 10%	1MHz	30	1MHz	38	0.40	500
LQH1812-5R6K	5.6 μ H \pm 10%	1MHz	30	1MHz	33	0.47	500
LQH1812-6R8K	6.8 μ H \pm 10%	1MHz	30	1MHz	31	0.50	450
LQH1812-8R2K	8.2 μ H \pm 10%	1MHz	30	1MHz	27	0.56	450
LQH1812-100K	10 μ H \pm 10%	1MHz	35	1MHz	23	0.56	400
LQH1812-120K	12 μ H \pm 10%	1MHz	35	1MHz	21	0.62	380
LQH1812-150K	15 μ H \pm 10%	1MHz	35	1MHz	19	0.73	360
LQH1812-180K	18 μ H \pm 10%	1MHz	35	1MHz	17	0.82	340
LQH1812-220K	22 μ H \pm 10%	1MHz	35	1MHz	15	0.94	320
LQH1812-270K	27 μ H \pm 10%	1MHz	35	1MHz	14	1.10	300
LQH1812-330K	33 μ H \pm 10%	1MHz	35	1MHz	12	1.20	270
LQH1812-390K	39 μ H \pm 10%	1MHz	35	1MHz	11	1.40	240
LQH1812-470K	47 μ H \pm 10%	1MHz	35	1MHz	10	1.50	220
LQH1812-560K	56 μ H \pm 10%	1MHz	35	1MHz	9.3	1.70	200
LQH1812-680K	68 μ H \pm 10%	1MHz	35	1MHz	8.4	1.90	180
LQH1812-820K	82 μ H \pm 10%	1MHz	35	1MHz	7.5	2.20	170
LQH1812-101K	100 μ H \pm 10%	1MHz	40	796KHz	6.8	2.50	160
LQH1812-121K	120 μ H \pm 10%	1MHz	40	796KHz	6.2	3.00	150
LQH1812-151K	150 μ H \pm 10%	1MHz	40	796KHz	5.5	3.70	130
LQH1812-181K	180 μ H \pm 10%	1MHz	40	796KHz	5.0	4.50	120

LQH2220 SERIES

Part No 品名	Inductance (μ H) 電感量	Test Frequency (MHz) 測試頻率	Q(Min) (最小)	Q Test Frequency Q測試頻率	SRF(MHz) (Min) 自諧頻率(最小)	D.C.R(Ω) (Max) 直流電阻(最大)	Rated Current(mA) (Max) 額定電流(最大)
LQH2220-1R0K	1.0 μ H \pm 10%	1MHz	25	1MHz	150	0.019	4000
LQH2220-1R5K	1.5 μ H \pm 10%	1MHz	26	1MHz	110	0.022	3700
LQH2220-4R7K	4.7 μ H \pm 10%	1MHz	26	1MHz	30	0.041	2700
LQH2220-6R8K	6.8 μ H \pm 10%	1MHz	26	1MHz	25	0.074	2000
LQH2220-100K	10 μ H \pm 10%	1MHz	26	1MHz	20	0.093	1700
LQH2220-150K	15 μ H \pm 10%	1MHz	26	1MHz	17	0.15	1400
LQH2220-220K	22 μ H \pm 10%	1MHz	26	1MHz	15	0.19	1200
LQH2220-470K	47 μ H \pm 10%	1MHz	26	1MHz	10	0.40	800
LQH2220-680K	68 μ H \pm 10%	1MHz	27	1MHz	7.6	0.67	640
LQH2220-101K	100 μ H \pm 10%	100KHz	27	796KHz	6.5	0.86	560
LQH2220-151K	150 μ H \pm 10%	100KHz	28	796KHz	5.0	1.90	420
LQH2220-221K	220 μ H \pm 10%	100KHz	28	796KHz	4.0	2.40	320
LQH2220-331K	330 μ H \pm 10%	100KHz	29	796KHz	3.1	4.40	270
LQH2220-471K	470 μ H \pm 10%	100KHz	29	796KHz	2.4	5.40	240
LQH2220-681K	680 μ H \pm 10%	100KHz	30	796KHz	1.9	8.10	190

□Tolerance: J: \pm 5% K: \pm 10% L: \pm 15% M: \pm 20% P: \pm 25% N: \pm 30%