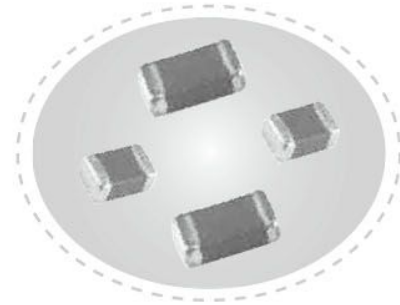




CI SERIES

Multilayer Chip Ferrite Inductors



FEATURES

- 1.No crosstalk between inductors due to magnetic shield, perfect for high density installation.
- 2.Small chip inductor, Can be mounted with surface mounting equipment with no directionality.
- 3.Excellent in solderability and high heat resistance with either flow or reflow soldering.

特徵

- 1.閉合磁路,無交互干擾,適用於高密度安裝。
- 2.小體積,無引線結構,適用於SMT設備自動貼裝。
- 3.可焊性和耐焊性優,適用於流焊和再流焊。

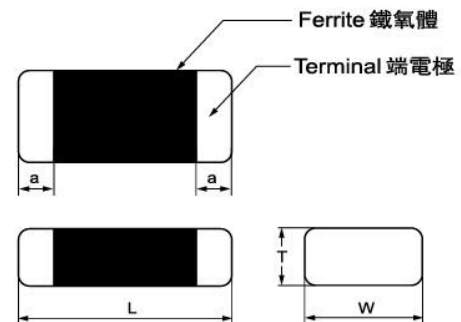
ORDERING CODE (標志示例)

CI 2012 - 5R6 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% M: ±20

SHAPE AND DIMENSIONS (形狀尺寸)



Unit:mm

TYPE	L	W	T	a
CI1005 (0402)	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.15
CI1608 (0603)	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
CI2012 (0805)	2.0±0.2	1.2±0.2	0.8±0.2 1.2±0.2	0.4±0.2
CI3216 (1206)	3.2±0.2	1.6±0.2	0.8±0.2 1.1±0.3 1.6±0.2	0.5±0.3



CI1005 SERIES

Part No 品名	Inductance 電感量 (μ H)	Tolerance 公差	Q值 (Min)	Test Frequency 測試頻率 (MHz)	SRF(MHz) 自諧頻率 (Min)	D.C.Resistance 直流電阻 (Ω) (Max)	Rated Current 額定電流 (mA) (Max)
CI1005-56N□	0.056	J	10	50	220	0.45	25
CI1005-68N□	0.068	J	10	50	210	0.45	25
CI1005-82N□	0.082	J	10	50	200	0.45	25
CI1005-R10□	0.10	J	15	25	200	0.80	25
CI1005-R12□	0.12	J	15	25	165	0.80	25
CI1005-R15□	0.15	J	15	25	140	0.90	25
CI1005-R18□	0.18	J	15	25	120	0.90	25
CI1005-R22□	0.22	J	15	25	110	1.20	25
CI1005-R27□	0.27	J	15	25	95	1.20	25
CI1005-R33□	0.33	J	15	25	85	1.25	18
CI1005-R39□	0.39	J	15	25	70	1.50	18
CI1005-R47□	0.47	J	15	25	68	2.00	18
CI1005-R56□	0.56	J	20	10	75	0.80	15
CI1005-R68□	0.68	J	20	10	70	0.90	15
CI1005-R82□	0.82	J	20	10	65	0.90	15
CI1005-1R0□	1.00	J、K	20	10	40	0.90	15
CI1005-1R2□	1.20	J、K	20	10	35	1.20	15
CI1005-1R5□	1.50	J、K	20	10	30	1.20	15
CI1005-1R8□	1.80	J、K	20	10	30	1.45	15
CI1005-2R2□	2.20	J、K	20	10	28	1.70	10
CI1005-2R7□	2.70	J、K	20	10	22	2.00	10
CI1005-3R3□	3.30	J、K	20	10	20	2.35	10
CI1005-3R9□	3.90	J、K	20	10	18	2.55	10
CI1005-4R7□	4.70	J、K	20	10	15	3.15	10
CI1005-5R6□	5.60	J、K	20	4	13	2.35	3
CI1005-6R8□	6.80	J、K	20	4	11	2.55	3
CI1005-8R2□	8.20	J、K	20	4	10	3.15	3
CI1005-100□	10.0	J、K	20	2	9	3.45	2

□ Tolerance: J:±5% K:±10% M:±20%



CI1608 SERIES

Part No. 品名	Inductance 電感量 (μ H)	Tolerance 公差	Q值 (Min)	Test Frequency 測試頻率 (MHz)	SRF(MHz) 自諧頻率 (MIN)	D.C.Resistance 直流電阻 (Ω) (Max)	Rated Current 額定電流 (mA) (Max)
CI1608-56N □	0.056	m	10	50	300	0.30	50
CI1608-68N □	0.068	m	10	50	250	0.30	50
CI1608-82N □	0.082	m	10	50	245	0.30	50
CI1608-R10 □	0.10	K	15	25	240	0.50	50
CI1608-R12 □	0.12	K	15	25	205	0.50	50
CI1608-R15 □	0.15	K	15	25	180	0.60	50
CI1608-R18 □	0.18	K	15	25	165	0.60	50
CI1608-R22 □	0.22	K	15	25	150	0.80	50
CI1608-R27 □	0.27	K	15	25	136	0.80	50
CI1608-R33 □	0.33	K	15	25	125	0.85	35
CI1608-R39 □	0.39	K	15	25	110	1.00	35
CI1608-R47 □	0.47	K	15	25	105	1.35	35
CI1608-R56 □	0.56	K	15	25	95	1.55	35
CI1608-R68 □	0.68	K	15	25	90	1.70	35
CI1608-R82 □	0.82	K	15	25	85	2.10	35
CI1608-1R0 □	1.0	K	35	10	75	0.60	25
CI1608-1R2 □	1.2	K	35	10	65	0.80	25
CI1608-1R5 □	1.5	K	35	10	60	0.80	25
CI1608-1R8 □	1.8	K	35	10	55	0.95	25
CI1608-2R2 □	2.2	K	35	10	50	1.15	15
CI1608-2R7 □	2.7	K	35	10	45	1.35	15
CI1608-3R3 □	3.3	K	35	10	40	1.55	15
CI1608-3R9 □	3.9	K	35	10	35	1.70	15
CI1608-4R7 □	4.7	K	35	10	33	2.10	15
CI1608-5R6 □	5.6	K	35	4	22	1.55	5
CI1608-6R8 □	6.8	K	35	4	20	1.70	5
CI1608-8R2 □	8.2	K	35	4	18	2.10	5
CI1608-100 □	10	K	30	2	17	1.85	3
CI1608-120 □	12	K	30	2	15	2.10	3
CI1608-150 □	15	K	20	1	14	1.70	1
CI1608-180 □	18	K	20	1	13	1.85	1
CI1608-220 □	22	K	20	1	11	2.10	1
CI1608-270 □	27	K	20	1	10	2.75	1
CI1608-330 □	33	K	20	1	9	2.95	1

□ Tolerance: J:±5% K:±10% M:±20%



CI2012 SERIES

Part No. 品名	Inductance 電感量 (μ H)	Tolerance 公差	Q值 (Min)	Test Frequency 測試頻率 (MHz)	SRF(MHz) 自諧頻率 (MIN)	D.C.Resistance 直流電阻 (Ω) (Max)	Rated Current 額定電流 (mA) (Max)
CI2012-47N □	0.047	m	15	50	320	0.20	300
CI2012-56N □	0.056	m	20	50	300	0.20	300
CI2012-68N □	0.068	m	15	50	280	0.20	300
CI2012-82N □	0.082	m	15	50	255	0.20	300
CI2012-R10 □	0.10	K	20	25	235	0.30	250
CI2012-R12 □	0.12	K	20	25	220	0.30	250
CI2012-R15 □	0.15	K	20	25	200	0.40	250
CI2012-R18 □	0.18	K	20	25	185	0.40	250
CI2012-R22 □	0.22	K	20	25	170	0.50	250
CI2012-R27 □	0.27	K	20	25	150	0.50	250
CI2012-R33 □	0.33	K	20	25	145	0.55	250
CI2012-R39 □	0.39	K	25	25	135	0.65	200
CI2012-R47 □	0.47	K	25	25	125	0.65	200
CI2012-R56 □	0.56	K	25	25	115	0.75	150
CI2012-R68 □	0.68	K	25	25	105	0.80	150
CI2012-R82 □	0.82	K	25	25	100	1.00	150
CI2012-1R0 □	1.0	K	45	10	75	0.40	50
CI2012-1R2 □	1.2	K	45	10	65	0.50	50
CI2012-1R5 □	1.5	K	45	10	60	0.50	50
CI2012-1R8 □	1.8	K	45	10	55	0.60	50
CI2012-2R2 □	2.2	K	45	10	50	0.65	30
CI2012-2R7 □	2.7	K	45	10	45	0.75	30
CI2012-3R3 □	3.3	K	45	10	41	0.80	30
CI2012-3R9 □	3.9	K	45	10	38	0.90	30
CI2012-4R7 □	4.7	K	45	10	35	1.00	30
CI2012-5R6 □	5.6	K	50	4	32	0.90	15
CI2012-6R8 □	6.8	K	50	4	29	1.00	15
CI2012-8R2 □	8.2	K	50	4	26	1.10	15
CI2012-100 □	10	K	50	2	24	1.15	15
CI2012-120 □	12	K	50	2	22	1.25	15
CI2012-150 □	15	K、M	30	1	19	0.80	5
CI2012-180 □	18	K、M	30	1	18	0.90	5
CI2012-220 □	22	K、M	30	1	16	1.10	5
CI2012-270 □	27	K、M	30	1	14	1.15	5
CI2012-330 □	33	K、M	30	1	13	1.25	5
CI2012-390 □	39	K、M	35	1	8	2.90	4
CI2012-470 □	47	K、M	35	1	7.5	3.00	4

□ Tolerance: J: \pm 5% K: \pm 10% M: \pm 20%



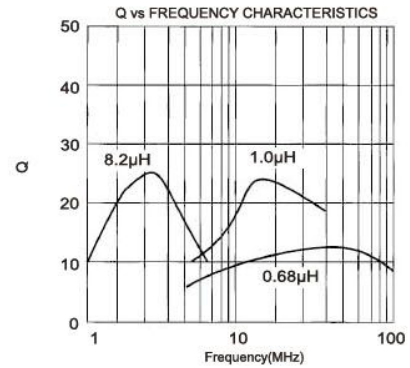
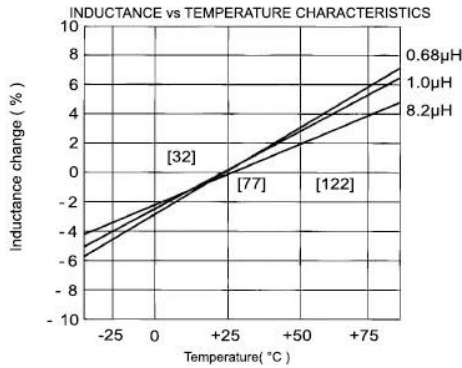
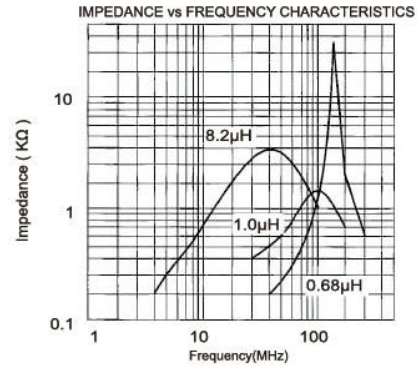
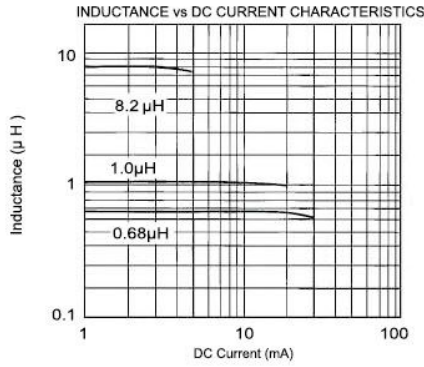
CI3216 SERIES

Part No. 品名	Inductance 電感量 (μ H)	Tolerance 公差	Q值 (Min)	Test Frequency 測試頻率 (MHz)	SRF(MHz) 自諧頻率 (MIN)	D.C.Resistance 直流電阻 (Ω) (Max)	Rated Current 額定電流 (mA) (Max)
CI3216-47N □	0.047	m	20	50	320	0.15	300
CI3216-68N □	0.068	m	20	50	280	0.25	300
CI3216-82N □	0.082	m	20	50	250	0.25	250
CI3216-R10 □	0.10	K	20	25	235	0.25	250
CI3216-R12 □	0.12	K	20	25	220	0.30	250
CI3216-R15 □	0.15	K	20	25	200	0.30	250
CI3216-R18 □	0.18	K	20	25	185	0.40	250
CI3216-R22 □	0.22	K	20	25	170	0.40	250
CI3216-R27 □	0.27	K	20	25	150	0.50	250
CI3216-R33 □	0.33	K	20	25	145	0.60	250
CI3216-R39 □	0.39	K	25	25	135	0.50	200
CI3216-R47 □	0.47	K	25	25	125	0.60	200
CI3216-R56 □	0.56	K	25	25	115	0.70	150
CI3216-R68 □	0.68	K	25	25	105	0.80	150
CI3216-R82 □	0.82	K	25	25	100	0.90	150
CI3216-1R0 □	1.0	K	45	10	75	0.40	100
CI3216-1R2 □	1.2	K	45	10	65	0.50	100
CI3216-1R5 □	1.5	K	45	10	60	0.50	50
CI3216-1R8 □	1.8	K	45	10	55	0.50	50
CI3216-2R2 □	2.2	K	45	10	50	0.60	50
CI3216-2R7 □	2.7	K	45	10	45	0.60	50
CI3216-3R3 □	3.3	K	45	10	41	0.70	50
CI3216-3R9 □	3.9	K	45	10	38	0.80	50
CI3216-4R7 □	4.7	K	45	10	35	0.90	50
CI3216-5R6 □	5.6	K	50	4	32	0.70	25
CI3216-6R8 □	6.8	K	50	4	29	0.80	25
CI3216-8R2 □	8.2	K	50	4	26	0.90	25
CI3216-100 □	10	K	50	2	24	1.00	25
CI3216-120 □	12	K	50	2	22	1.05	15
CI3216-150 □	15	K、M	35	1	19	0.70	5
CI3216-180 □	18	K、M	35	1	18	0.70	5
CI3216-220 □	22	K、M	35	1	16	0.90	5
CI3216-270 □	27	K、M	35	1	14	0.90	5
CI3216-330 □	33	K、M	35	1	13	1.05	5
CI3216-390 □	39	K、M	40	1	11	3.00	5
CI3216-470 □	47	K、M	40	1	10	3.40	5

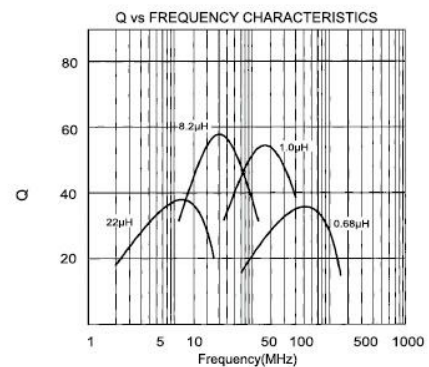
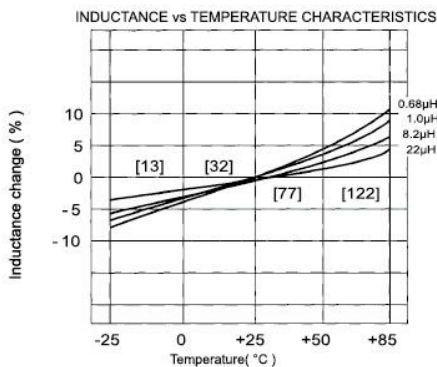
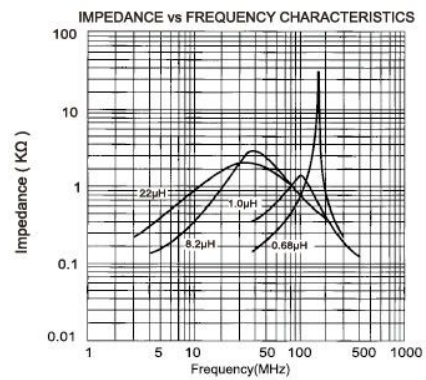
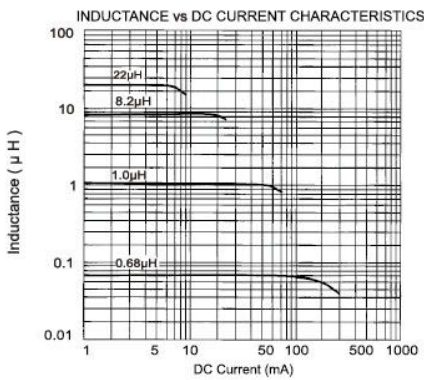
□ Tolerance: J:±5% K:±10% M:±20%



CI 1005(0402)Type

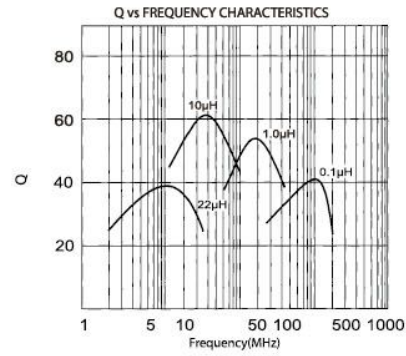
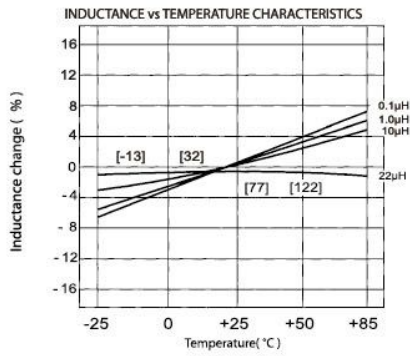
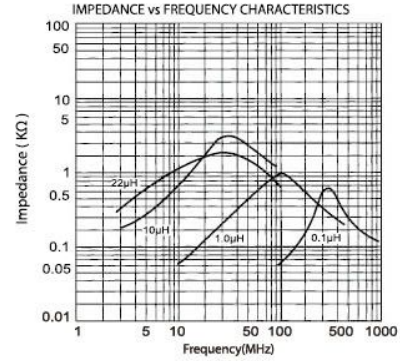
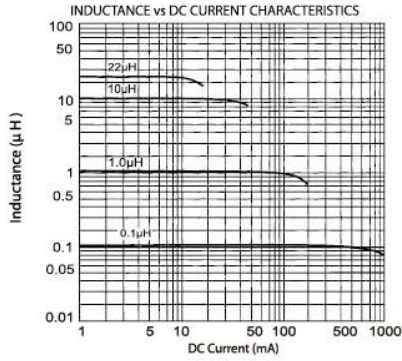


CI 1608(0603)Type





CI 2012(0805)Type



CI 3216(1206)Type

