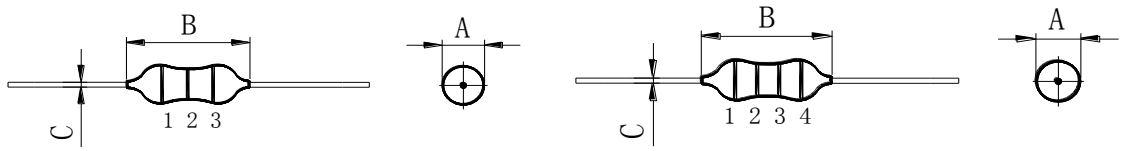
色环电感规格参数系列

产品特点:1. 色环电感结构坚固，成本低廉，适合自动化生产.
2. 特殊磁芯芯材质，高Q和SRF值及自共振频率.
3. 环氧树脂涂装固化封装，电感量稳定确度高。
4. 感量范围宽，尺寸小，重量轻。
5. 产品品质安全可靠，编带包装适应自动插件安装，使用寿命长。
6.无铅环保

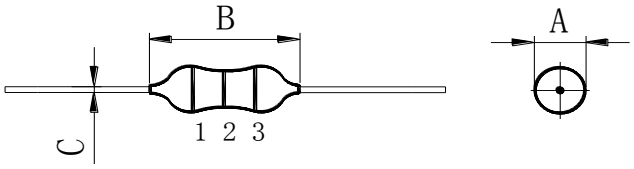
色环电感的应用：
色环电感主要应用在手机、数字机顶盒、蓝牙耳机、液晶电视、汽车电子、工业控制等领域。

● **Appearance Dimensions 色环电感封装尺寸**



规格型号	封装尺寸(mm)			图形
	A(Max)	B(Max)	C(±0.1)	
CKL0204	Ø2.8	4.8	Ø0.45	1
CKL0307	Ø3.0/Ø3.2	7.0	Ø0.50	2
CKL0410	Ø4.0	10.5	Ø0.60	2
CKL0412	Ø4.5/5.0	12.7	Ø0.65	2
CKL0510	Ø5.0	11.0	Ø0.60	2
CKL0512	Ø5.0	12.0	Ø0.60	2
CKL0514	Ø5.0/5.5	14.0/15.0	Ø0.65	2

■CKL0204色环电感

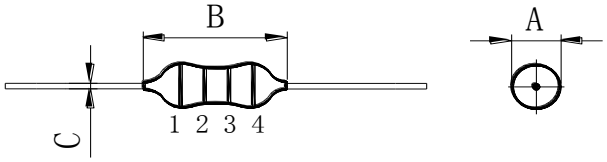


A	B	C
Ø2.8 Max	4.8 Max	Ø0.45±0.1

PART NUMBER 品名	Inductance (uH) 电感	Q (Min) Q值	Frequency (MHz) 测试频率	DCR (Max) (Ω) 直流电阻	SRF (Min) (MHz) 自谐频率	Rated Current (Max) (mA) 额定电流
CKL0204-0.22uH/M	0.22±20%	35	25.2	0.4	150	400
CKL0204-0.27uH/M	0.27±20%	35	25.2	0.43	150	380
CKL0204-0.33uH/M	0.33±20%	35	25.2	0.48	150	370
CKL0204-0.39uH/M	0.39±20%	35	25.2	0.51	150	350
CKL0204-0.47uH/M	0.47±20%	35	25.2	0.56	150	330
CKL0204-0.56uH/M	0.56±20%	35	25.2	0.61	150	320
CKL0204-0.68uH/M	0.68±20%	35	25.2	0.67	150	310
CKL0204-0.82uH/M	0.82±20%	35	25.2	0.74	150	290
CKL0204-1.0uH/K	1.0±10%	35	25.2	0.8	150	270
CKL0204-1.2uH/K	1.2±10%	40	7.96	0.9	110	260
CKL0204-1.5uH/K	1.5±10%	40	7.96	1	80	250
CKL0204-1.8uH/K	1.8±10%	40	7.96	1.1	60	240
CKL0204-2.2uH/K	2.2±10%	40	7.96	1.2	45	230
CKL0204-2.7uH/K	2.7±10%	40	7.96	1.3	40	220
CKL0204-3.3uH/K	3.3±10%	40	7.96	1.4	38	210
CKL0204-3.9uH/K	3.9±10%	40	7.96	1.5	36	200
CKL0204-4.7uH/K	4.7±10%	40	7.96	1.7	32	190
CKL0204-5.6uH/K	5.6±10%	40	7.96	1.9	30	180
CKL0204-6.8uH/K	6.8±10%	40	7.96	2	28	175
CKL0204-8.2uH/K	8.2±10%	40	7.96	2.2	26	165
CKL0204-10uH/K	10±10%	40	7.96	2.5	24	160
CKL0204-12uH/K	12±10%	40	2.52	2.5	22	150
CKL0204-15uH/K	15±10%	40	2.52	2.8	20	145
CKL0204-18uH/K	18±10%	40	2.52	3.1	18	140
CKL0204-22uH/K	22±10%	40	2.52	3.4	17	130
CKL0204-27uH/K	27±10%	40	2.52	4.3	16	80
CKL0204-33uH/K	33±10%	40	2.52	4.7	14	76
CKL0204-39uH/K	39±10%	40	2.52	5.2	13	74
CKL0204-47uH/K	47±10%	40	2.52	5.8	12	70
CKL0204-56uH/K	56±10%	40	2.52	6.4	11	68
CKL0204-68uH/K	68±10%	40	2.52	7.2	10	64
CKL0204-82uH/K	82±10%	40	2.52	11	9.5	46
CKL0204-100uH/K	100±10%	40	2.52	12	9	44
CKL0204-120uH/K	120±10%	40	0.796	13	8	42
CKL0204-150uH/K	150±10%	40	0.796	16	6	39
CKL0204-180uH/K	180±10%	40	0.796	18	5.5	37
CKL0204-220uH/K	220±10%	40	0.796	20	4.5	35
CKL0204-270uH/K	270±10%	30	0.796	20	3.5	25
CKL0204-330uH/K	330±10%	30	0.796	20	3	25

Special inquiries besides the above common used types can be met on your requirement.
超出以上规格的特殊要求也可满足。

■CKL0307色环电感参数

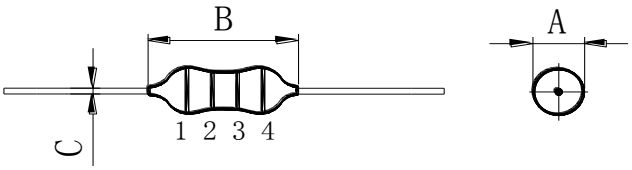


A	B	C
Ø3.0/3.2 Max	7.0 Max	Ø0.5±0.1

PART NUMBER 品名	Inductance (uH) 电感	Q (Min) Q值	Frequency (MHz) 测试频率	DCR (Max) (Ω) 直流电阻	SRF (Min) (MHz) 自谐频率	Rated Current (Max) (mA) 额定电流
CKL0307-0.22uH/M	0.22±20%	40	25.2	0.08	150	740
CKL0307-0.27uH/M	0.27±20%	40	25.2	0.085	150	740
CKL0307-0.33uH/M	0.33±20%	40	25.2	0.095	150	740
CKL0307-0.39uH/M	0.39±20%	40	25.2	0.1	150	740
CKL0307-0.47uH/M	0.47±20%	40	25.2	0.11	150	740
CKL0307-0.56uH/M	0.56±20%	40	25.2	0.12	150	740
CKL0307-0.68uH/M	0.68±20%	40	25.2	0.13	150	740
CKL0307-0.82uH/M	0.82±20%	40	25.2	0.14	150	740
CKL0307-1.0uH/K	1.0±10%	40	25.2	0.15	150	740
CKL0307-1.2uH/K	1.2±10%	40	7.96	0.18	150	740
CKL0307-1.5uH/K	1.5±10%	40	7.96	0.2	150	700
CKL0307-1.8uH/K	1.8±10%	50	7.96	0.23	125	655
CKL0307-2.2uH/K	2.2±10%	50	7.96	0.27	110	630
CKL0307-2.7uH/K	2.7±10%	50	7.96	0.28	95	595
CKL0307-3.3uH/K	3.3±10%	50	7.96	0.3	70	575
CKL0307-3.9uH/K	3.9±10%	50	7.96	0.32	65	555
CKL0307-4.7uH/K	4.7±10%	50	7.96	0.35	50	530
CKL0307-5.6uH/K	5.6±10%	50	7.96	0.4	32	500
CKL0307-6.8uH/K	6.8±10%	50	7.96	0.48	28	470
CKL0307-8.2uH/K	8.2±10%	50	7.96	0.56	23	425
CKL0307-10uH/K	10±10%	50	7.96	0.75	22	370
CKL0307-12uH/K	12±10%	50	2.52	0.8	20	350
CKL0307-15uH/K	15±10%	50	2.52	0.93	16	335
CKL0307-18uH/K	18±10%	50	2.52	1	15	315
CKL0307-22uH/K	22±10%	50	2.52	1.2	13	285
CKL0307-27uH/K	27±10%	50	2.52	1.8	11	270
CKL0307-33uH/K	33±10%	50	2.52	2.1	10	255
CKL0307-39uH/K	39±10%	50	2.52	2.3	9.5	240
CKL0307-47uH/K	47±10%	50	2.52	2.6	8.5	205
CKL0307-56uH/K	56±10%	50	2.52	2.9	7.5	195
CKL0307-68uH/K	68±10%	50	2.52	3.3	6.5	185
CKL0307-82uH/K	82±10%	50	2.52	3.8	6	175
CKL0307-100uH/K	100±10%	50	2.52	4.2	5.5	165
CKL0307-120uH/K	120±10%	60	0.796	4.7	5.4	160
CKL0307-150uH/K	150±10%	60	0.796	5.4	4.7	150
CKL0307-180uH/K	180±10%	60	0.796	6	4.3	140
CKL0307-220uH/K	220±10%	60	0.796	7	4	130
CKL0307-270uH/K	270±10%	60	0.796	7.7	3.7	120

Special inquiries besides the above common used types can be met on your requirement.
超出以上规格的特殊要求也可满足。

■CKL0410色环电感参数

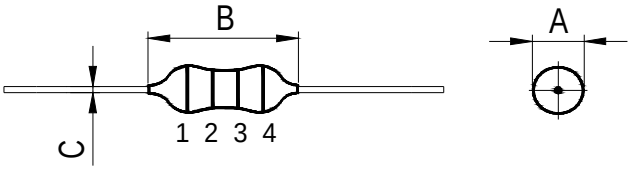


A	B	C
Ø4.0 Max	10.5 Max	Ø0.6±0.1

PART NUMBER 品名	Inductance (uH) 电感	Q (Min) Q值	Frequency (MHz) 测试频率	DCR (Max) (Ω) 直流电阻	SRF (Min) (MHz) 自谐频率	Rated Current (Max) (mA) 额定电流
CKL0410-0.27uH/M	0.27±20%	45	25.2	0.09	270	980
CKL0410-0.33uH/M	0.33±20%	45	25.2	0.1	250	980
CKL0410-0.39uH/M	0.39±20%	45	25.2	0.12	230	980
CKL0410-0.47uH/M	0.47±20%	45	25.2	0.13	220	980
CKL0410-0.56uH/M	0.56±20%	45	25.2	0.14	200	980
CKL0410-0.68uH/M	0.68±20%	45	25.2	0.15	190	980
CKL0410-0.82uH/M	0.82±20%	45	25.2	0.16	172	980
CKL0410-1.0uH/K	1.0±10%	45	25.2	0.17	157	920
CKL0410-1.2uH/K	1.2±10%	50	7.96	0.18	144	880
CKL0410-1.5uH/K	1.5±10%	50	7.96	0.2	110	830
CKL0410-1.8uH/K	1.8±10%	55	7.96	0.22	121	790
CKL0410-2.2uH/K	2.2±10%	55	7.96	0.24	110	750
CKL0410-2.7uH/K	2.7±10%	60	7.96	0.25	100	720
CKL0410-3.3uH/K	3.3±10%	65	7.96	0.3	94	670
CKL0410-3.9uH/K	3.9±10%	65	7.96	0.35	80	640
CKL0410-4.7uH/K	4.7±10%	70	7.96	0.4	80	620
CKL0410-5.6uH/K	5.6±10%	70	7.96	0.43	74	590
CKL0410-6.8uH/K	6.8±10%	75	7.96	0.48	68	550
CKL0410-8.2uH/K	8.2±10%	80	7.96	0.52	53	530
CKL0410-10uH/K	10±10%	80	7.96	0.58	40	500
CKL0410-12uH/K	12±10%	75	2.52	0.63	34	480
CKL0410-15uH/K	15±10%	70	2.52	0.72	20	460
CKL0410-18uH/K	18±10%	70	2.52	0.77	14	430
CKL0410-22uH/K	22±10%	50	2.52	0.84	9.9	410
CKL0410-27uH/K	27±10%	50	2.52	0.94	7.6	390
CKL0410-33uH/K	33±10%	50	2.52	1.03	6.3	370
CKL0410-39uH/K	39±10%	50	2.52	1.12	6.3	350
CKL0410-47uH/K	47±10%	45	2.52	1.22	6.3	340
CKL0410-56uH/K	56±10%	40	2.52	1.34	6.2	320
CKL0410-68uH/K	68±10%	40	2.52	1.47	5.7	305
CKL0410-82uH/K	82±10%	35	2.52	1.62	5.3	290
CKL0410-100uH/K	100±10%	30	2.52	1.8	4.8	275
CKL0410-120uH/K	120±10%	70	0.796	3	3.8	185
CKL0410-150uH/K	150±10%	70	0.796	4.2	3.5	175
CKL0410-180uH/K	180±10%	70	0.796	4.6	3.3	165
CKL0410-220uH/K	220±10%	70	0.796	5.1	3	155
CKL0410-270uH/K	270±10%	65	0.796	6	2.8	145

Special inquiries besides the above common used types can be met on your requirement.
超出以上规格的特殊要求也可满足。

■CKL0410 Series

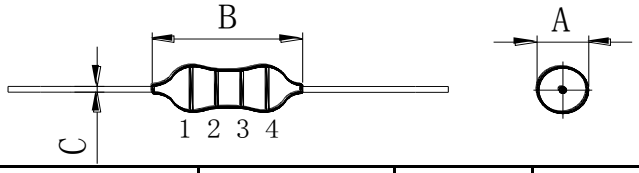


A	B	C
Ø4.0 Max	10.5 Max	Ø0.6±0.1

PART NUMBER 品名	Inductance (uH) 电感	Q (Min) Q值	Frequency (MHz) 测试频率	DCR (Max) (Ω) 直流电阻	SRF (Min) (MHz) 自谐频率	Rated Current (Max) (mA) 额定电流
CKL0410-120uH/K	120±10%	70	0.796	3	3.8	185
CKL0410-150uH/K	150±10%	70	0.796	4.2	3.5	175
CKL0410-180uH/K	180±10%	70	0.796	4.6	3.3	165
CKL0410-220uH/K	220±10%	70	0.796	5.1	3	155
CKL0410-270uH/K	270±10%	65	0.796	6	2.8	145
CKL0410-330uH/K	330±10%	65	0.796	6.4	2.6	137
CKL0410-390uH/K	390±10%	65	0.796	7	2.4	133
CKL0410-470uH/K	470±10%	60	0.796	7.7	2.25	126
CKL0410-560uH/K	560±10%	60	0.796	8.5	2.1	120
CKL0410-680uH/K	680±10%	55	0.796	9.4	1.9	113
CKL0410-820uH/K	820±10%	55	0.796	12	1.85	105
CKL0410-1.0mH/K	1000±10%	50	0.796	17.4	1.4	100
CKL0410-1.2mH/K	1200±10%	50	0.252	20	1.2	90
CKL0410-1.5mH/K	1500±10%	30	0.252	25	1	85
CKL0410-1.8mH/K	1800±10%	30	0.252	30	0.9	80
CKL0410-2.2mH/K	2200±10%	30	0.252	35	0.8	75
CKL0410-2.7mH/K	2700±10%	30	0.252	40	0.7	70
CKL0410-3.3mH/K	3300±10%	30	0.252	65	0.65	65
CKL0410-3.9mH/K	3900±10%	30	0.252	71	0.65	50
CKL0410-4.7mH/K	4700±10%	30	0.252	78	0.6	50
CKL0410-5.6mH/K	5600±10%	30	0.252	100	0.56	45
CKL0410-6.8mH/K	6800±10%	30	0.252	125	0.54	40

Special inquiries besides the above common used types can be met on your requirement.
超出以上规格的特殊要求也可满足。

■CKL0510色环电感规格参数

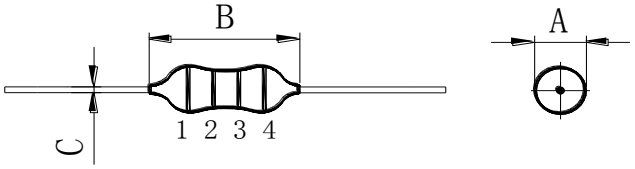


A	B	C
Ø5.0 Max	11.0 Max	Ø0.6±0.1

PART NUMBER 品名	Inductance (uH) 电感	Q (Min) Q值	Frequency (MHz) 测试频率	DCR (Max) (Ω) 直流电阻	SRF (Min) (MHz) 自谐频率	Rated Current (Max) (mA) 额定电流
CKL0510-4.7uH/K	4.7±10%	20	7.96	0.06	50	900
CKL0510-10uH/K	10±10%	15	7.96	0.45	30	750
CKL0510-22uH/K	22±10%	30	2.52	0.65	8	450
CKL0510-82uH/K	82±10%	20	2.52	0.82	3.8	330
CKL0510-100uH/K	100±10%	20	2.52	0.75	3.5	300
CKL0510-120uH/K	120±10%	20	0.796	1.2	3.3	250
CKL0510-150uH/K	150±10%	20	0.796	1.8	3.2	225
CKL0510-180uH/K	180±10%	20	0.796	2	2.8	200
CKL0510-220uH/K	220±10%	30	0.796	2.1	2.6	180
CKL0510-270uH/K	270±10%	30	0.796	2.5	2.4	170
CKL0510-330uH/K	330±10%	30	0.796	3	2.2	160
CKL0510-390uH/K	390±10%	30	0.796	3.5	2	150
CKL0510-470uH/K	470±10%	30	0.796	4	1.9	140
CKL0510-560uH/K	560±10%	30	0.796	5.4	1.8	130
CKL0510-680uH/K	680±10%	40	0.796	6	1.5	120
CKL0510-820uH/K	820±10%	50	0.796	7.5	1.2	110
CKL0510-1.0mH/K	1000±10%	50	0.252	8	1	100
CKL0510-1.2mH/K	1200±10%	60	0.252	14.5	0.95	95
CKL0510-1.5mH/K	1500±10%	60	0.252	16.5	0.9	90
CKL0510-1.8mH/K	1800±10%	60	0.252	19	0.9	85
CKL0510-2.2mH/K	2200±10%	60	0.252	27.5	0.8	80
CKL0510-2.7mH/K	2700±10%	60	0.252	40	0.75	75
CKL0510-3.3mH/K	3300±10%	50	0.252	50	0.7	62
CKL0510-3.9mH/K	3900±10%	50	0.252	53	0.65	59
CKL0510-4.7mH/K	4700±10%	50	0.252	60	0.6	55
CKL0510-5.6mH/K	5600±10%	50	0.252	64	0.5	40
CKL0510-6.8mH/K	6800±10%	50	0.252	73	0.45	35
CKL0510-8.2mH/K	8200±10%	30	0.252	80	0.4	30
CKL0510-10mH/K	10000±10%	25	79.6k	132	0.35	25
CKL0510-12mH/K	12000±10%	25	79.6k	143	0.3	20
CKL0510-15mH/K	15000±10%	25	79.6k	166	0.25	18
CKL0510-18mH/K	18000±10%	25	79.6k	185	0.2	15
CKL0510-22mH/K	22000±10%	20	79.6k	330	0.15	12
CKL0510-27mH/K	27000±10%	20	79.6k	370	0.1	10
CKL0510-30mH/K	30000±10%	40	79.6k	240	0.25	10

Special inquiries besides the above common used types can be met on your requirement.
超出以上规格的特殊要求也可满足。

■CKL0512色环电感规格参数



A	B	C
Ø5.0 Max	12.0 Max	Ø0.6±0.1

PART NUMBER 品名	Inductance (uH) 电感	Q (Min) Q值	Frequency (MHz) 测试频率	DCR (Max) (Ω) 直流电阻	SRF (Min) (MHz) 自谐频率	Rated Current (Max) (mA) 额定电流
CKL0512-22uH/K	22±10%	30	2.52	0.35	8	550
CKL0512-100uH/K	100±10%	10	2.52	0.5	3.5	300
CKL0512-220uH/K	220±10%	10	0.796	2.1	2.6	160
CKL0512-330uH/K	330±10%	30	0.796	2.5	2.2	130
CKL0512-390uH/K	390±10%	30	0.796	2.8	2	125
CKL0512-470uH/K	470±10%	30	0.796	3	1.9	120
CKL0512-560uH/K	560±10%	30	0.796	4.5	1.8	115
CKL0512-680uH/K	680±10%	30	0.796	4.6	1.5	110
CKL0512-820uH/K	820±10%	30	0.796	5	1.2	105
CKL0512-1.0mH/K	1000±10%	50	0.252	5	1	100
CKL0512-1.2mH/K	1200±10%	60	0.252	14.5	0.95	90
CKL0512-1.5mH/K	1500±10%	60	0.252	16.5	0.9	85
CKL0512-1.8mH/K	1800±10%	60	0.252	19	0.9	80
CKL0512-2.2mH/K	2200±10%	60	0.252	27.5	0.8	70
CKL0512-2.7mH/K	2700±10%	60	0.252	40	0.75	65
CKL0512-3.3mH/K	3300±10%	50	0.252	50	0.7	60
CKL0512-3.9mH/K	3900±10%	50	0.252	53	0.65	55
CKL0512-4.7mH/K	4700±10%	50	0.252	60	0.6	50
CKL0512-5.6mH/K	5600±10%	50	0.252	64	0.5	45
CKL0512-6.8mH/K	6800±10%	40	0.252	73	0.45	40
CKL0512-8.2mH/K	8200±10%	30	0.252	80	0.4	30
CKL0512-10mH/K	10000±10%	30	79.6k	132	0.35	25

Special inquiries besides the above common used types can be met on your requirement.
超出以上规格的特殊要求也可满足。