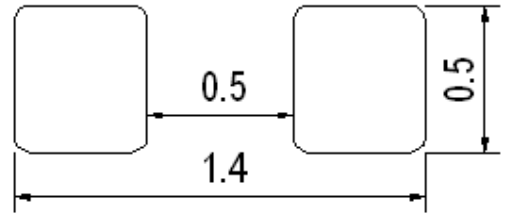
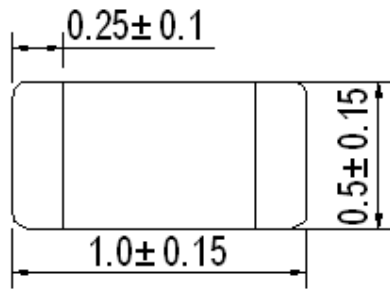


YKCL1005



特征:

- 迭层独石结构、高度可靠性
- 高自谐频率
- 良好的可焊性和耐焊性、适合于流焊和再流焊
- 移动电话、寻呼机、家用电器、计算机数字无绳电话、对讲机。

FEATURES:

- Monolithic structure for high reliability.
- High self-resonant frequency
- Excellent solderability and high heat resistance
- For high frequency applications including cellular phone, pager, computer, digital wireless phone

Inductance Range/电感范围: 1.0nH~100nH.

Temperature Range/使用温度: -30°C~100°C.

Electrical Characteristics/电气特性

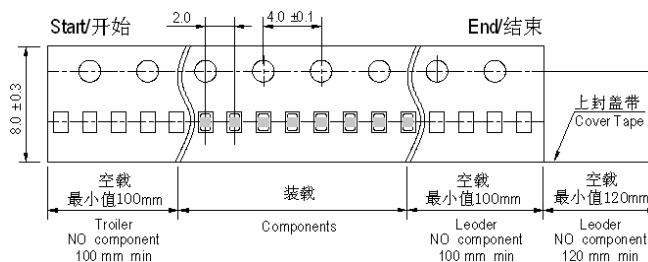
Part No 名称	Inductance 电感(nH)	Tolerance 公差	Typical Q @ Freq		Min. Self-resonant Frequency 自谐频率	Max DC Resutance 直流电阻 (Ω)	Max Rated Current 额定电流(mA)
			100MHz	800MHz			
YKCL1005C1N0S	1.0	S	11	33	6000	0.1	400
YKCL1005C1N5S	1.5	S	11	33	6000	0.13	400
YKCL1005C2N2S	2.2	S	10	28	6000	0.16	400
YKCL1005C3N3S	3.3	S	10	28	5500	0.19	400
YKCL1005C4N7S	4.7	S	10	28	4800	0.24	400
YKCL1005C6N8□	6.8	J	10	26	4000	0.32	300
YKCL1005C10N□	10	J	10	26	3200	0.42	300
YKCL1005C15N□	15	J	10	23	2500	0.55	300
YKCL1005C22N□	22	J	10	22	2000	0.8	200
YKCL1005C27N□	27	J	10	21	1600	0.9	200
YKCL1005C33N□	33	J	10	21	1300	1.0	200
YKCL1005C39N□	39	J	10	20	1200	1.2	150
YKCL1005C47N□	47	J	10	18	1000	1.3	150
YKCL1005C56N□	56	J	10	13	900	1.6	150
YKCL1005C68N□	68	J	10	13	900	2.1	150
YKCL1005C82N□	82	J	10	13	900	2.4	150
YKCL1005CR10□	100	J	10	13	900	2.6	150

Sans Plomb (SGS Certified Result) 本产品满足环境保护要求 (有害物质限用)					
sans plomb					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

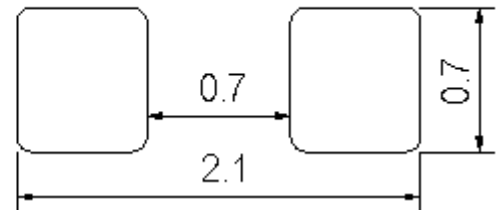
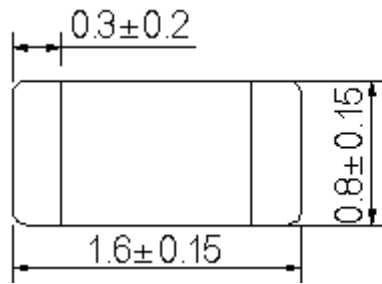
- 1、Inductance is measured with a LCR meter: Agilent 4287 or equivalent. Test frequency at 100MHz.
- 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
- 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial inductance to decrease by 25%. or temperature to rise by 40°C, whichever is smaller. (At ambient reference temperature: 20°C).

- 1、电感值测试仪: Agilent 4287 或同等 LCR Meter. 测试频率 100MHz.
- 2、直流电阻测试仪: VR1153 LCR+DCR 或同等的 DCR 测试设备。
- 3、最大容许电流测试: VR1153 & VR7210; 最大容许电流定义: 电感下降 25%或温度上升 40°C时取其小值作为最大容许电流。(周围环境温度 20°C)

Packaging/包装方式 10000 PCS/REEL



YKCL1608



特征:

- 迭层独石结构、高度可靠性
- 高自谐频率
- 良好的可焊性和耐焊性、适合于流焊和再流焊
- 移动电话、寻呼机、家用电器、计算机数字无绳电话、对讲机。

FEATURES:

- Monolithic structure for high reliability.
- High self-resonant frequency
- Excellent solderability and high heat resistance
- For high frequency applications including cellular phone, pager, computer, digital wireless phone

Inductance Range/电感范围: 1.5nH~100nH.

Temperature Range/使用温度: -30°C~100°C.

Electrical Characteristics/电气特性

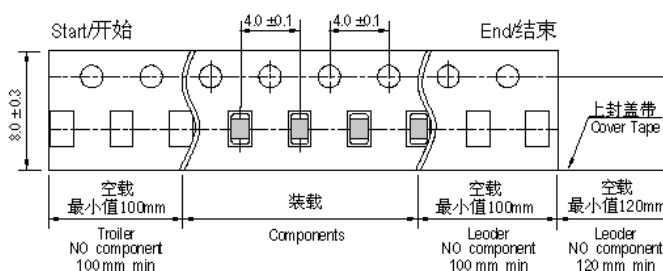
Part No 名称	Inductance 电感(nH)	Tolerance 公差	Typical Q @ Freq		Min. Self-resonant Frequency 自谐频率	Max DC Resutance 直流电阻 (Ω)	Max Rated Current 额定电流(mA)
			100MHz	800MHz			
YKCL1608C1N5S	1.5	s	12	38	6000	0.1	500
YKCL1608C2N7S	2.7	s	12	37	6000	0.2	500
YKCL1608C3N9S	3.9	s	12	38	6000	0.2	500
YKCL1608C4N7S	4.7	s	12	38	6000	0.2	500
YKCL1608C5N6S	5.6	s	12	35	5000	0.3	500
YKCL1608C6N8□	6.8	J	12	35	4500	0.3	500
YKCL1608C8N2□	8.2	J	12	33	4000	0.3	500
YKCL1608C10N□	10	J	14	38	3500	0.5	300
YKCL1608C18N□	18	J	14	35	2200	0.6	300
YKCL1608C27N□	27	J	15	36	1700	0.8	300
YKCL1608C39N□	39	J	15	28	1300	0.8	300
YKCL1608C47N□	47	J	15	30	1200	1	300
YKCL1608C82N□	82	J	15	22	800	1	300
YKCL1608CR10□	100	J	15	16	700	1.2	300

Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

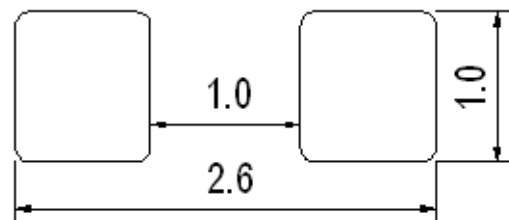
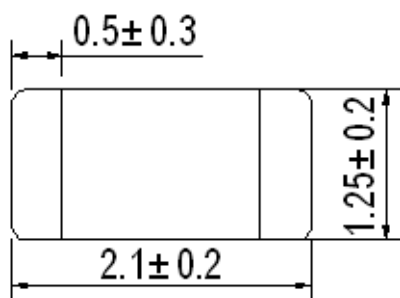
- 1、Inductance is measured with a LCR meter: Agilent 4287 or equivalent. Test frequency at 100MHz.
- 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
- 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial inductance to decrease by 25%. or temperature to rise by 40°C, whichever is smaller. (At ambient reference temperature: 20°C).

- 1、电感值测试仪: Agilent 4287 或同等 LCR Meter. 测试频率 100MHz.
- 2、直流电阻测试仪: VR1153 LCR+DCR 或同等的 DCR 测试设备.
- 3、最大容许电流测试: VR1153 & VR7210; 最大容许电流定义: 电感下降 25% 或温度上升 40°C 时取其小值作为最大容许电流。(周围环境温度 20°C)

Packaging/包装方式 4000 PCS/REEL



YKCL2012



特征:

- 迭层独石结构、高度可靠性
- 高自谐频率
- 良好的可焊性和耐焊性、适合于流焊和再流焊
- 移动电话、寻呼机、家用电器、计算机数字无绳电话、对讲机。

FEATURES:

- Monolithic structure for high reliability.
- High self-resonant frequency
- Excellent solderability and high heat resistance
- For high frequency applications including cellular phone, pager, computer, digital wireless phone

Inductance Range/电感范围: 1.5nH-470nH.

Temperature Range/使用温度: -30°C~100°C.

Electrical Characteristics/电气特性

Part No 名称	Inductance 电感(nH)	Tolerance 公差	Typical Q @ Freq		Min. Self-resonant Frequency 自谐频率	Max DC Resistance 直流电阻 (Ω)	Max Rated Current 额定电流(mA)
			100MHz	800MHz			
YKCL2012C1N5S	1.5	s	10	54	6000	0.1	600
YKCL2012C2N7S	2.7	s	13	45	6000	0.1	600
YKCL2012C3N9S	3.9	s	15	55	5400	0.15	600
YKCL2012C4N7S	4.7	s	15	53	4500	0.20	400
YKCL2012C8N2□	8.2	J	15	45	3000	0.28	400
YKCL2012C10N□	10	J	15	45	2500	0.30	300
YKCL2012C27N□	27	J	17	45	1550	0.55	300
YKCL2012C39N□	39	J	17	31	1300	0.65	300
YKCL2012C47N□	47	J	17	31	1200	0.70	300
YKCL2012C82N□	82	J	17	27	850	0.9	300
YKCL2012CR10□	100	J	17		600	1.0	300
YKCL2012CR18□	180	J	17		400	2.1	300
YKCL2012CR27□	270	J	17		300	3.0	200
YKCL2012CR39□	390	J	17		250	3.5	200
YKCL2012CR47□	470	J	17		200	3.5	200

Sans Plomb (SGS Certified Result) 本产品满足环境保护要求 (有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: Agilent 4287 or equivalent. Test frequency at 100MHz.
- 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
- 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial inductance to decrease by 25%. or temperature to rise by 40°C, whichever is smaller. (At ambient reference temperature: 20°C).

- 1、电感值测试仪: Agilent 4287 或同等 LCR Meter. 测试频率 100MHz。
- 2、直流电阻测试仪: VR1153 LCR+DCR 或同等的 DCR 测试设备。
- 3、最大容许电流测试: VR1153 & VR7210; 最大容许电流定义: 电感下降 25% 或温度上升 40°C 时取其小值作为最大容许电流。(周围环境温度 20°C)

Packaging/包装方式 4000 PCS/REEL

