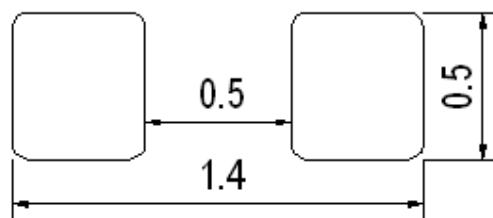
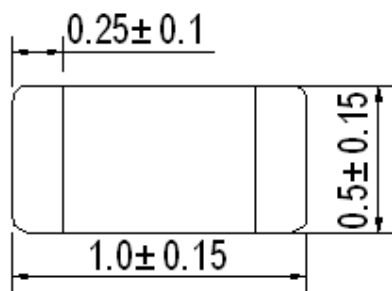


## YKFL1005



### 特征:

- 迭层独石结构、高度可靠性
- 体积小
- 良好的磁屏蔽，无交叉耦合
- 无引线结构，适合表面安装
- 良好的可焊性和耐焊性、适合于流焊和回流焊
- 可用来抑制电子设备中的电磁干扰，广泛的运用于通讯、视频/音频、计算机、遥控器等领域

### FEATURES:

- Monolithic structure for high reliability.
- Compact size inductor possible
- No cross coupling due to magnetic shield
- Perfect shape for mounting with no directionality
- Excellent solderability and high heat resistance for either flow or re-flow soldering
- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

Inductance Range/电感范围:0.047uH~10uH.

Temperature Range/使用温度: -30℃~100℃.

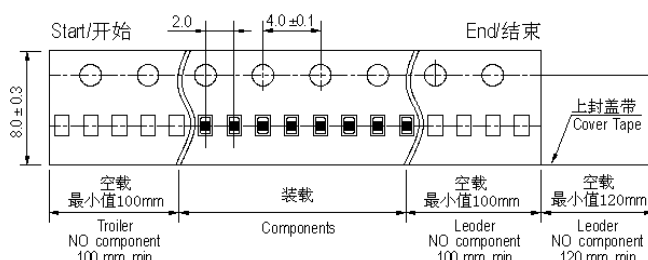
Electrical Characteristics/电气特性

Part No 名称	Inductance 电感(μH)	Min. Quality Factor 品质因子	L,Q Test Freq L/Q 测试频率(MHz)	Min. Self-resonant Frequency 自谐频率	Max DC Resistance 直流电阻 (Ω)	Max Rated Current 额定电流(mA)
YKFL1005L47N□	0.047	10	50	220	0.45	25
YKFL1005LR10□	0.10	10	25	200	0.80	25
YKFL1005LR15□	0.15	10	25	140	0.90	25
YKFL1005LR27□	0.27	15	25	95	1.20	25
YKFL1005QR39□	0.39	20	10	85	0.60	15
YKFL1005QR47□	0.47	20	10	80	0.70	15
YKFL1005QR68□	0.68	20	10	70	0.90	15
YKFL1005P1R0□	1.0	20	10	60	1.00	15
YKFL1005Q2R7□	2.7	20	10	22	2.00	10
YKFL1005Q3R3□	3.3	20	10	20	2.35	10
YKFL1005T3R9□	3.9	10	1	18	1.60	3
YKFL1005T4R7□	4.7	10	1	15	1.80	3
YKFL1005T6R8□	6.8	20	1	11	2.35	2
YKFL1005T8R2□	8.2	20	1	10	2.55	2
YKFL1005T100□	10	20	1	9	3.15	2

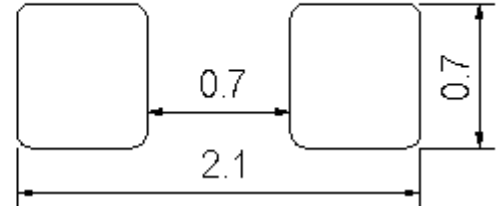
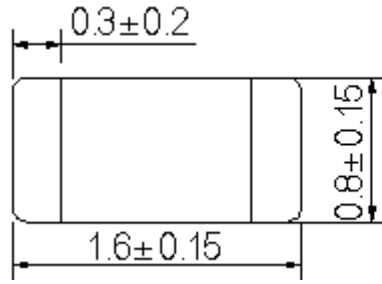
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: Agilent 4287 or equivalent. Test frequency at 50MHz-1MHz.
  - 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℃, whichever is smaller. (At ambient reference temperature: 20℃).
- 1、电感值测试仪: Agilent 4287 或同等 LCR Meter. 测试频率 50MHz-1MHz。
  - 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℃时取其小值作为最大容许电流。(周围环境温度 20℃)

Packaging/包装方式 10000 PCS/REEL



## YKFL1608



### 特征:

- 透层独石结构、高度可靠性
- 体积小
- 良好的磁屏蔽，无交叉耦合
- 无引线结构，适合表面安装
- 良好的可焊性和耐焊性、适合于流焊和回流焊
- 可用来抑制电子设备中的电磁干扰，广泛的运用于通讯、视频/音频、计算机、遥控器等领域

### FEATURES:

- Monolithic structure for high reliability.
- Compact size inductor possible
- No cross coupling due to magnetic shield
- Perfect shape for mounting with no directionality
- Excellent solderability and high heat resistance for either flow or re-flow soldering
- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

**Inductance Range/电感范围:0.047uH~33uH.**

**Temperature Range/使用温度: -30℃~100℃.**

**Electrical Characteristics/电气特性**

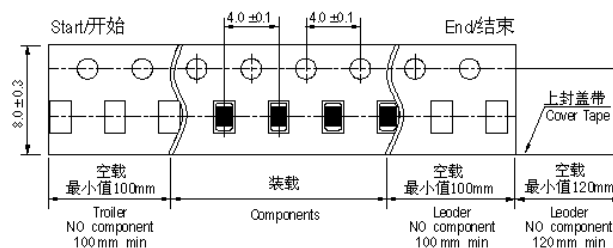
Part No 名称	Inductance 电感(μH)	Min. Quality Factor 品质因子	L,Q Test Freq L/Q 测试频率(MHz)	Min. Self-resonant Frequency 自谐频率	Max DC Resutance 直流电阻 (Ω)	Max Rated Current 额定电流(mA)
YKFL1608L47N□	0.047	10	50	260	0.3	50
YKFL1608LR10□	0.10	15	25	240	0.5	50
YKFL1608LR27□	0.27	15	25	136	0.8	50
YKFL1608LR39□	0.39	15	25	110	1.0	35
YKFL1608LR47□	0.47	15	25	105	1.35	35
YKFL1608LR68□	0.68	15	25	90	1.70	35
YKFL1608LR82□	0.82	15	25	85	2.10	35
YKFL1608P1R0□	1.00	35	10	90	0.60	25
YKFL1608P2R2□	2.20	35	10	70	1.15	15
YKFL1608Q1R0□	1.00	35	10	75	0.60	25
YKFL1608Q2R2□	2.20	35	10	50	1.15	15
YKFL1608Q3R9□	3.90	35	10	35	1.70	15
YKFL1608Q4R7□	4.70	35	10	33	2.10	15
YKFL1608S8R2□	8.20	35	4	18	2.10	5
YKFL1608S100□	10	30	2	17	1.85	3
YKFL1608T270□	27	20	1	10	2.75	1
YKFL1608T330□	33	20	1	9	2.95	1

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

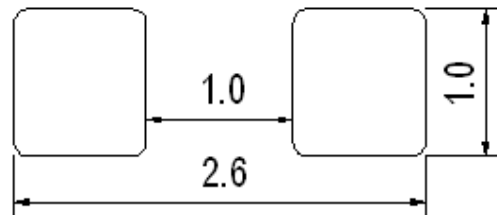
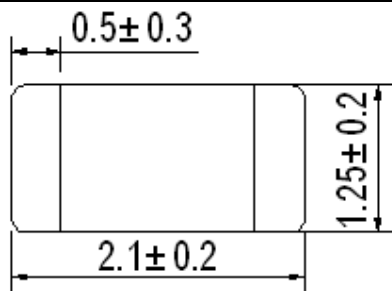
- 1、Inductance is measured with a LCR meter: Agilent 4287 or equivalent. Test frequency at 50MHz-1MHz.
- 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
- 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial inductance to decrease by 25%. or temperature to rise by 40℃, whichever is smaller. (At ambient reference temperature: 20℃).

- 1、电感值测试仪: Agilent 4287 或同等 LCR Meter.测试频率 50MHz-1MHz。
- 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℃时取其小值作为最大容许电流。(周围环境温度 20℃)

**Packaging/包装方式 4000 PCS/REEL**



## YKFL2012



### 特征:

- 透层独石结构、高度可靠性
- 体积小
- 良好的磁屏蔽，无交叉耦合
- 无引线结构，适合表面安装
- 良好的可焊性和耐焊性、适合于流焊和回流焊
- 可用来抑制电子设备中的电磁干扰，广泛的运用于通讯、视频/音频、计算机、遥控器等领域

### FEATURES:

- Monolithic structure for high reliability.
- Compact size inductor possible
- No cross coupling due to magnetic shield
- Perfect shape for mounting with no directionality
- Excellent solderability and high heat resistance for either flow or re-flow soldering
- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

**Inductance Range/电感范围: 0.047uH~100uH.**

**Temperature Range/使用温度: -30°C~100°C.**

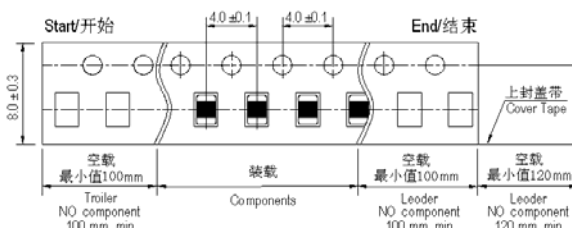
**Electrical Characteristics/电气特性**

Part No 名称	Inductance 电感(μH)	Min. Quality Factor 品质因子	L,Q Test Freq L/Q 测试频率(MHz)	Min. Self-resonant Frequency 自谐频率	Max DC Resutance 直流电阻(Ω)	Max Rated Current 额定电流(mA)
YKFL2012L47N□	0.047	15	50	320	0.2	300
YKFL2012LR10□	0.10	20	25	235	0.3	250
YKFL2012LR27□	0.27	20	25	150	0.5	250
YKFL2012LR39□	0.39	25	25	135	0.65	200
YKFL2012LR47□	0.47	25	25	125	0.65	200
YKFL2012LR82□	0.82	25	25	100	1	150
YKFL2012P1R0□	1.0	45	10	95	0.4	50
YKFL2012P2R2□	2.2	45	10	70	0.65	30
YKFL2012Q1R0□	1.0	45	10	75	0.4	50
YKFL2012Q2R2□	2.2	45	10	50	0.65	30
YKFL2012Q3R9□	3.9	45	10	38	0.90	30
YKFL2012Q4R7□	4.7	45	10	35	1.00	30
YKFL2012S8R2□	8.2	50	4	26	1.1	15
YKFL2012S100□	10	50	2	24	1.15	15
YKFL2012T270□	27	30	1	14	1.15	5
YKFL2012T330□	33	30	0.4	13	1.25	5
YKFL2012T470□	47	35	2	7.5	3	4
YKFL2012T820□	82	25	1	6	3	2
YKFL2012T101□	100	25	1	5.5	3.1	2

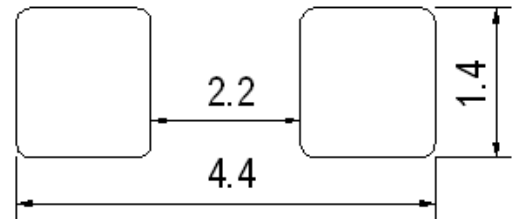
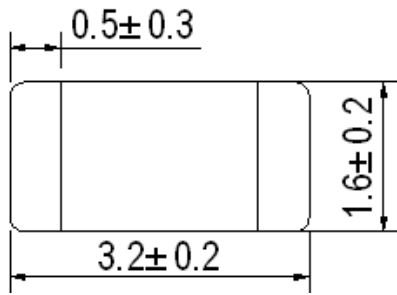
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: Agilent 4287 or equivalent. Test frequency at 50MHz-0.4MHz.
  - 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 50MHz-0.4MHz。
  - 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**



## YKFL3216



### 特征:

- 透层独石结构、高度可靠性
- 体积小
- 良好的磁屏蔽，无交叉耦合
- 无引线结构，适合表面安装
- 良好的可焊性和耐焊性、适合于流焊和回流焊
- 可用来抑制电子设备中的电磁干扰，广泛的运用于通讯、视频/音频、计算机、遥控器等领域

### FEATURES:

- Monolithic structure for high reliability.
- Compact size inductor possible
- No cross coupling due to magnetic shield
- Perfect shape for mounting with no directionality
- Excellent solderability and high heat resistance for either flow or re-flow soldering
- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

**Inductance Range/电感范围:0.047uH~100uH.**

**Temperature Range/使用温度: -30℃~100℃.**

**Electrical Characteristics/电气特性**

Part No 名称	Inductance 电感(μH)	Min. Quality Factor 品质因子	L,Q Test Freq L/Q 测试频率(MHz)	Min. Self-resonant Frequency 自谐频率	Max DC Resistance 直流电阻(Ω)	Max Rated Current 额定电流(mA)
YKFL3216L47N□	0.047	20	50	320	0.15	300
YKFL3216LR10□	0.10	20	25	235	0.25	250
YKFL3216LR27□	0.27	20	25	150	0.5	250
YKFL3216LR39□	0.39	25	25	135	0.5	200
YKFL3216LR47□	0.47	25	25	125	0.6	200
YKFL3216LR82□	0.82	25	25	100	0.9	150
YKFL3216Q1R0□	1.0	45	10	75	0.4	100
YKFL3216Q2R7□	2.7	45	10	45	0.6	50
YKFL3216Q3R9□	3.9	45	10	38	0.8	50
YKFL3216Q4R7□	4.7	45	10	35	0.9	50
YKFL3216S5R6□	5.6	50	4	32	0.7	25
YKFL3216S100□	10	50	2	24	1.0	25
YKFL3216T270□	27	35	1	14	0.9	5
YKFL3216T390□	39	40	2	11	3.0	5
YKFL3216T470□	47	40	2	10	3.4	5
YKFL3216T560□	56	40	2	9.5	3.8	4
YKFL3216T101□	100	40	1	8	3.8	4

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 50MHz-1MHz.
  - 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℃, whichever is smaller. (At ambient reference temperature: 20℃).
- 1、电感值测试仪: Agilent 4287 或同等 LCR Meter. 测试频率 50MHz-1MHz。
  - 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℃ 时取其小值作为最大容许电流。(周围环境温度 20℃)

**Packaging/包装方式 3000 PCS/REEL**

