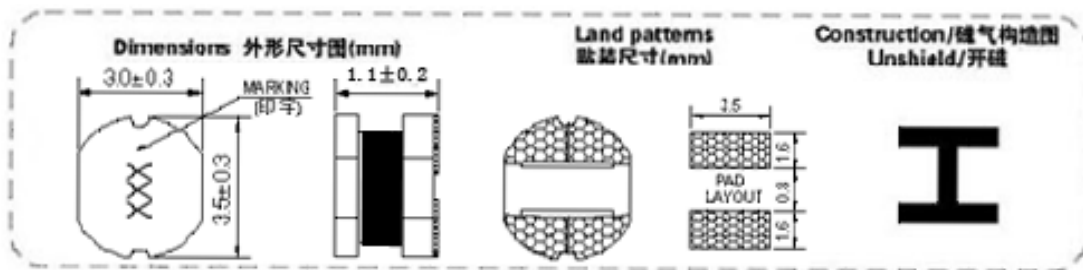


YKCD3011C



特征:

FEATURES:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 同等尺寸，额定电流特性较传统电感高出 30% 以上
- 省空间，更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备
- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

Inductance Range/电感范围: 1.0μH~33μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max (Ω)	Rated Current 额定电流(A)
YKCD3011C-1R0	1.0	100kHz,1.0	±20	0.045	1.60
YKCD3011C-1R5	1.5	100kHz,1.0	±20	0.060	1.55
YKCD3011C-2R2	2.2	100kHz,1.0	±20	0.076	1.47
YKCD3011C-3R3	3.3	100kHz,1.0	±20	0.122	1.34
YKCD3011C-3R9	3.9	100kHz,1.0	±20	0.136	1.24
YKCD3011C-4R7	4.7	100kHz,1.0	±20	0.152	1.22
YKCD3011C-5R6	5.6	100kHz,1.0	±20	0.182	1.09
YKCD3011C-6R8	6.8	100kHz,1.0	±20	0.210	0.96
YKCD3011C-8R2	8.2	100kHz,1.0	±20	0.232	0.84
YKCD3011C-100	10	100kHz,1.0	±20	0.302	0.70
YKCD3011C-120	12	100kHz,1.0	±20	0.369	0.65
YKCD3011C-150	15	100kHz,1.0	±20	0.462	0.59
YKCD3011C-180	18	100kHz,1.0	±20	0.512	0.54
YKCD3011C-220	22	100kHz,1.0	±20	0.652	0.48
YKCD3011C-270	27	100kHz,1.0	±20	0.770	0.43
YKCD3011C-330	33	100kHz,1.0	±20	1.021	0.37

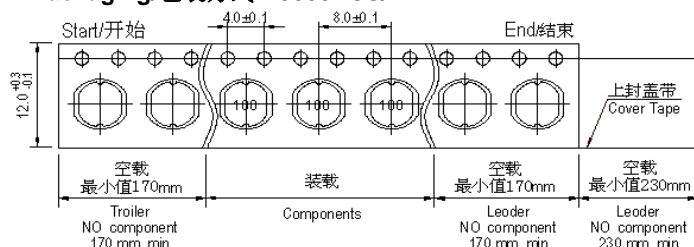
Sans Plomb (SGS Certified Result)
 本产品满足环境保护要求(有害物质限用)



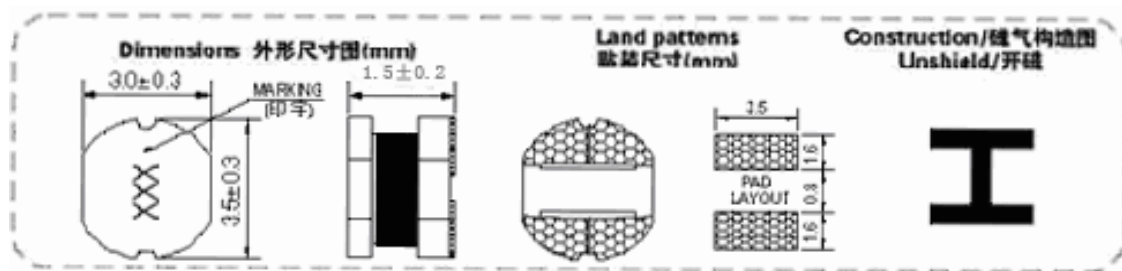
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100kHz.
 - 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 5000PCS/REEL



YKCD3015C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 同等尺寸，额定电流特性较传统电感高出 30% 以上
- 省空间，更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

Inductance Range/电感范围: 1.0μH~39μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD3015C-1R0	1.0	100kHz,1.0	±20	0.042	2.35
YKCD3015C-1R2	1.2	100kHz,1.0	±20	0.047	2.10
YKCD3015C-1R5	1.5	100kHz,1.0	±20	0.052	1.70
YKCD3015C-1R8	1.8	100kHz,1.0	±20	0.068	1.65
YKCD3015C-2R2	2.2	100kHz,1.0	±20	0.083	1.60
YKCD3015C-3R3	3.3	100kHz,1.0	±20	0.117	1.40
YKCD3015C-3R9	3.9	100kHz,1.0	±20	0.122	1.00
YKCD3015C-4R7	4.7	100kHz,1.0	±20	0.132	1.00
YKCD3015C-5R6	5.6	100kHz,1.0	±20	0.142	0.95
YKCD3015C-6R8	6.8	100kHz,1.0	±20	0.197	0.95
YKCD3015C-8R2	8.2	100kHz,1.0	±20	0.248	0.92
YKCD3015C-100	10	100kHz,1.0	±20	0.318	0.90
YKCD3015C-120	12	100kHz,1.0	±20	0.345	0.85
YKCD3015C-150	15	100kHz,1.0	±20	0.457	0.75
YKCD3015C-180	18	100kHz,1.0	±20	0.515	0.70
YKCD3015C-220	22	100kHz,1.0	±20	0.640	0.60
YKCD3015C-270	27	100kHz,1.0	±20	0.735	0.55
YKCD3015C-330	33	100kHz,1.0	±20	0.900	0.50
YKCD3015C-390	39	100kHz,1.0	±20	1.020	0.48

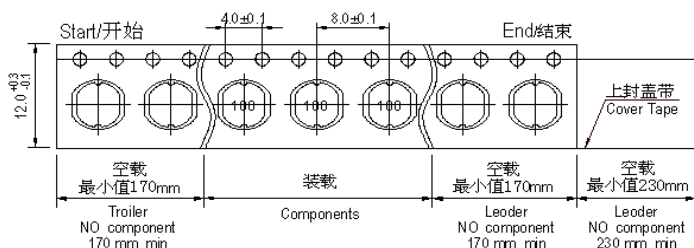
Sans Plomb (SGS Certified Result)
本产品满足环境保护要求(有害物质限用)



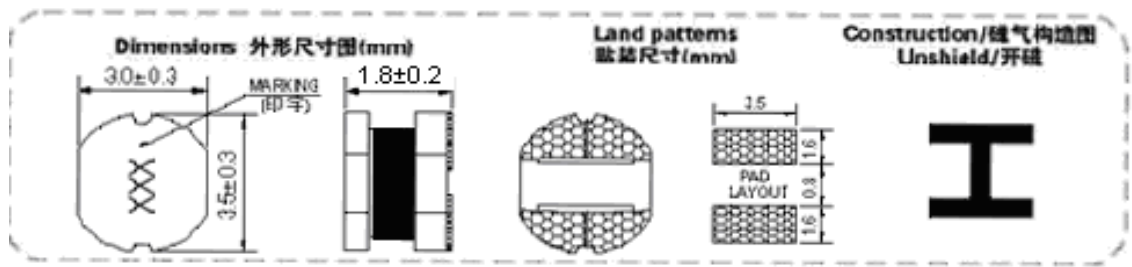
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz/。
 - 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 3000PCS/REEL



YKCD3018C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极, 抗跌落冲击强, 经久耐用
- 闭合磁路结构设计, 漏磁少, 抗 EMI 能力强
- 同等尺寸, 额定电流特性较传统电感高出 30% 以上
- 省空间, 更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
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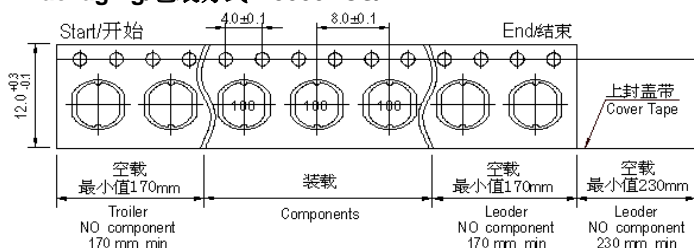
Inductance Range/电感范围: 1.0μH~39μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD3018C-1R0	1.0	100kHz,1.0	±20	0.040	2.38
YKCD3018C-1R2	1.2	100kHz,1.0	±20	0.042	2.15
YKCD3018C-1R5	1.5	100kHz,1.0	±20	0.050	1.71
YKCD3018C-1R8	1.8	100kHz,1.0	±20	0.065	1.62
YKCD3018C-2R2	2.2	100kHz,1.0	±20	0.081	1.60
YKCD3018C-3R3	3.3	100kHz,1.0	±20	0.110	1.42
YKCD3018C-3R9	3.9	100kHz,1.0	±20	0.116	1.03
YKCD3018C-4R7	4.7	100kHz,1.0	±20	0.125	0.98
YKCD3018C-5R6	5.6	100kHz,1.0	±20	0.136	0.97
YKCD3018C-6R8	6.8	100kHz,1.0	±20	0.182	0.95
YKCD3018C-8R2	8.2	100kHz,1.0	±20	0.230	0.94
YKCD3018C-100	10	100kHz,1.0	±20	0.300	0.92
YKCD3018C-120	12	100kHz,1.0	±20	0.320	0.88
YKCD3018C-150	15	100kHz,1.0	±20	0.425	0.78
YKCD3018C-180	18	100kHz,1.0	±20	0.500	0.72
YKCD3018C-220	22	100kHz,1.0	±20	0.600	0.62
YKCD3018C-270	27	100kHz,1.0	±20	0.700	0.58
YKCD3018C-330	33	100kHz,1.0	±20	0.850	0.52
YKCD3018C-390	39	100kHz,1.0	±20	1.000	0.50

Packaging/包装方式 3000PCS/REEL

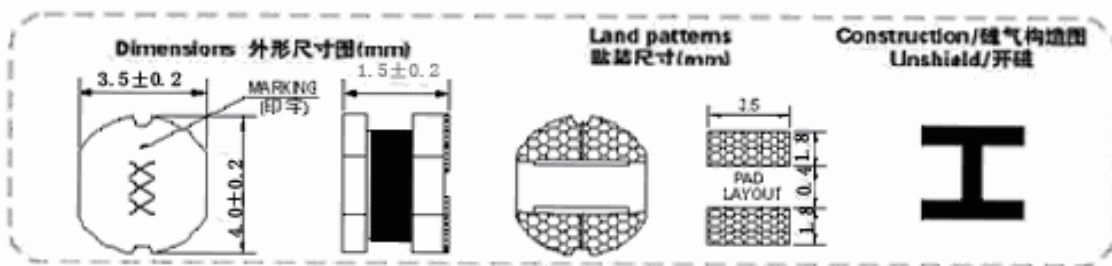


Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100kHz/。
 - 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℃)。



YKCD3815C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 同等尺寸，额定电流特性较传统电感高出 30% 以上
- 省空间，更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

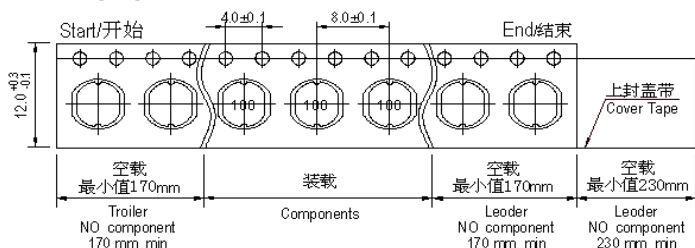
Inductance Range/电感范围: 1.0μH~68μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resutance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD3815C-1R0	1.0	100KHz,1.0	±20	0.060	2.50
YKCD3815C-1R2	1.2	100KHz,1.0	±20		
YKCD3815C-1R4	1.4	100KHz,1.0	±20	0.055	2.48
YKCD3815C1R5	1.5	100KHz,1.0	±20		
YKCD3815C-1R8	1.8	100KHz,1.0	±20	0.061	1.90
YKCD3815C-2R2	2.2	100KHz,1.0	±20	0.070	1.71
YKCD3815C-2R7	2.7	100KHz,1.0	±20	0.070	1.52
YKCD3815C-3R3	3.3	100KHz,1.0	±20	0.080	1.41
YKCD3815C-3R9	3.9	100KHz,1.0	±20	0.090	1.30
YKCD3815C-4R7	4.7	100KHz,1.0	±20	0.100	1.10
YKCD3815C-5R6	5.6	100KHz,1.0	±20	0.120	0.99
YKCD3815C-6R8	6.8	100KHz,1.0	±20	0.130	0.95
YKCD3815C-8R2	8.2	100KHz,1.0	±20	0.140	0.84
YKCD3815C-100	10	100KHz,1.0	±20	0.180	0.84
YKCD3815C-120	12	100KHz,1.0	±20	0.210	0.82
YKCD3815C-150	15	100KHz,1.0	±20	0.230	0.80
YKCD3815C-180	18	100KHz,1.0	±20	0.330	0.74
YKCD3815C-220	22	100KHz,1.0	±20	0.370	0.68
YKCD3815C-270	27	100KHz,1.0	±20	0.520	0.62
YKCD3815C-330	33	100KHz,1.0	±20	0.540	0.56
YKCD3815C-390	39	100KHz,1.0	±20	0.580	0.52
YKCD3815C-470	47	100KHz,1.0	±20	0.840	0.44
YKCD3815C-560	56	100KHz,1.0	±20	0.930	0.42
YKCD3815C-680	68	100KHz,1.0	±20	1.110	0.37

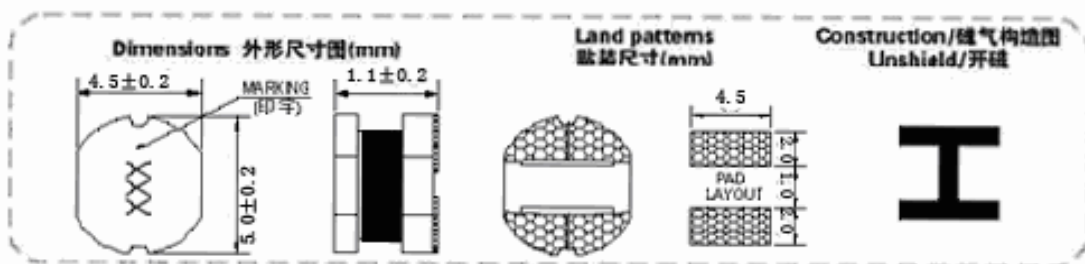
Packaging/包装方式 3000PCS/REEL



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 PEDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz。
 - 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: VR1153 LCR+DCR 或同等 LCR Meter.测试频率 100KHz/。
 - 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℃)。

YKCD5011C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极, 抗跌落冲击强, 经久耐用
- 闭合磁路结构设计, 漏磁少, 抗 EMI 能力强
- 同等尺寸, 额定电流特性较传统电感高出 30% 以上
- 省空间, 更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

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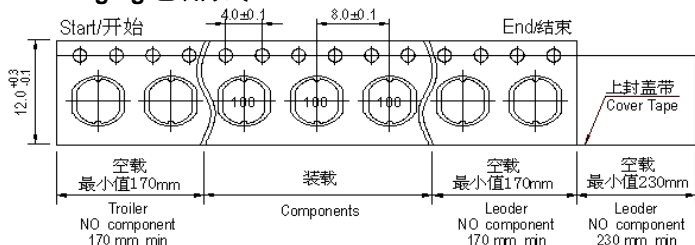
Inductance Range/电感范围: 1.0μH~68μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD5011C-1R0	1.0	100kHz,1.0	±20	0.056	2.55
YKCD5011C-1R2	1.2	100kHz,1.0	±20		
YKCD5011C-1R4	1.4	100kHz,1.0	±20	0.052	2.50
YKCD5011C1R5	1.5	100kHz,1.0	±20		
YKCD5011C-1R8	1.8	100kHz,1.0	±20	0.059	1.95
YKCD5011C-2R2	2.2	100kHz,1.0	±20	0.066	1.76
YKCD5011C-2R7	2.7	100kHz,1.0	±20	0.066	1.57
YKCD5011C-3R3	3.3	100kHz,1.0	±20	0.078	1.46
YKCD5011C-3R9	3.9	100kHz,1.0	±20	0.087	1.50
YKCD5011C-4R7	4.7	100kHz,1.0	±20	0.096	1.15
YKCD5011C-5R6	5.6	100kHz,1.0	±20	0.115	1.10
YKCD5011C-6R8	6.8	100kHz,1.0	±20	0.126	1.00
YKCD5011C-8R2	8.2	100kHz,1.0	±20	0.132	0.89
YKCD5011C-100	10	100kHz,1.0	±20	0.168	0.89
YKCD5011C-120	12	100kHz,1.0	±20	0.198	0.86
YKCD5011C-150	15	100kHz,1.0	±20	0.206	0.84
YKCD5011C-180	18	100kHz,1.0	±20	0.300	0.79
YKCD5011C-220	22	100kHz,1.0	±20	0.340	0.73
YKCD5011C-270	27	100kHz,1.0	±20	0.500	0.67
YKCD5011C-330	33	100kHz,1.0	±20	0.510	0.61
YKCD5011C-390	39	100kHz,1.0	±20	0.560	0.57
YKCD5011C-470	47	100kHz,1.0	±20	0.810	0.49
YKCD5011C-560	56	100kHz,1.0	±20	0.900	0.47
YKCD5011C-680	68	100kHz,1.0	±20	1.06	0.42

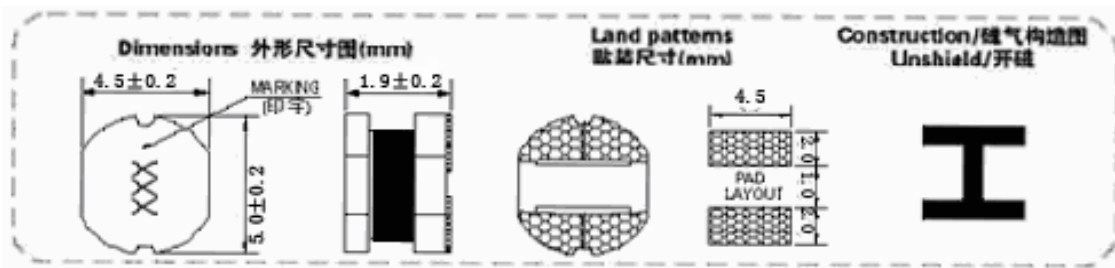
Packaging/包装方式 3000PCS/REEL



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: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz.
 - 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℃).

YKCD5019C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极, 抗跌落冲击强, 经久耐用
- 闭合磁路结构设计, 漏磁少, 抗 EMI 能力强
- 同等尺寸, 额定电流特性较传统电感高出 30% 以上
- 省空间, 更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

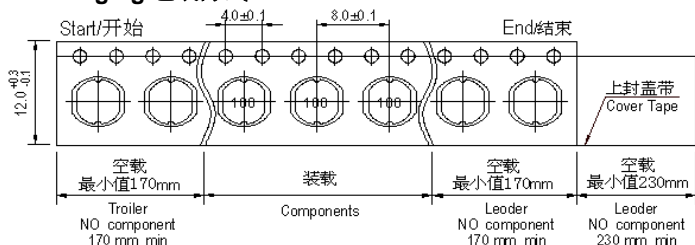
Inductance Range/电感范围: 1.2μH~68μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD5019C-1R2	1.2	100KHz,1.0	±20	0.05	2.71
YKCD5019C-2R2	2.2	100KHz,1.0	±20	0.07	2.52
YKCD5019C-3R3	3.3	100KHz,1.0	±20	0.1	1.98
YKCD5019C-3R9	3.9	100KHz,1.0	±20	0.12	1.92
YKCD5019C-4R7	4.7	100KHz,1.0	±20	0.14	1.82
YKCD5019C-5R6	5.6	100KHz,1.0	±20	0.15	1.70
YKCD5019C-6R8	6.8	100KHz,1.0	±20	0.16	1.61
YKCD5019C-8R2	8.2	100KHz,1.0	±20	0.18	1.52
YKCD5019C-100	10	10KHz,0.25	±20	0.2	1.30
YKCD5019C-120	12	100KHz,1.0	±20	0.23	1.10
YKCD5019C-150	15	100KHz,1.0	±20	0.25	1.05
YKCD5019C-180	18	100KHz,1.0	±20	0.3	0.98
YKCD5019C-220	22	100KHz,1.0	±20	0.35	0.87
YKCD5019C-270	27	100KHz,1.0	±20	0.4	0.82
YKCD5019C-330	33	100KHz,1.0	±20	0.5	0.73
YKCD5019C-390	39	100KHz,1.0	±20	0.55	0.68
YKCD5019C-470	47	100KHz,1.0	±20	0.65	0.57
YKCD5019C-560	56	100KHz,1.0	±20	0.75	0.52
YKCD5019C-680	68	100KHz,1.0	±20	0.95	0.47

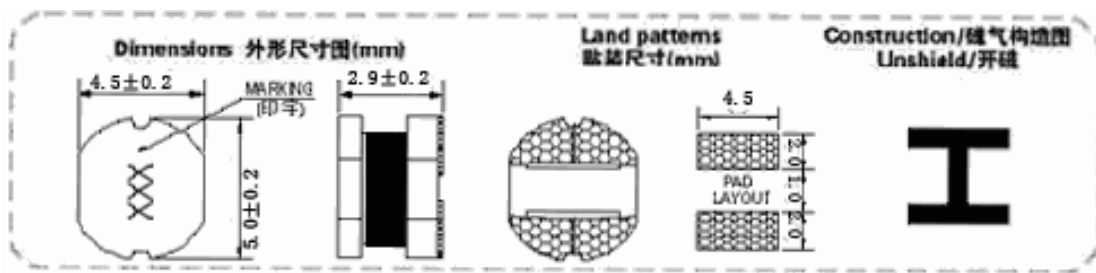
Packaging/包装方式 2500PCS/REEL



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: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz.
 - 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℃).

YKCD5029C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极, 抗跌落冲击强, 经久耐用
- 闭合磁路结构设计, 漏磁少, 抗 EMI 能力强
- 同等尺寸, 额定电流特性较传统电感高出 30% 以上
- 省空间, 更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecomm base stations

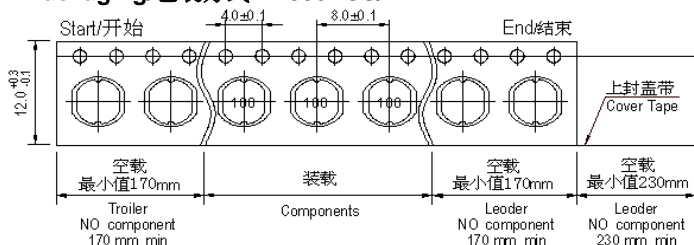
Inductance Range/电感范围: 1.2μH~68μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD5029C-1R2	1.2	100kHz,1.0	±20	0.042	3.05
YKCD5029C-2R2	2.2	100kHz,1.0	±20	0.055	2.46
YKCD5029C-3R3	3.3	100kHz,1.0	±20	0.78	2.08
YKCD5029C-3R9	3.9	100kHz,1.0	±20	0.96	2.00
YKCD5029C-4R7	4.7	100kHz,1.0	±20	0.126	1.85
YKCD5029C-5R6	5.6	100kHz,1.0	±20	0.14	1.78
YKCD5029C-6R8	6.8	100kHz,1.0	±20	0.15	1.66
YKCD5029C-8R2	8.2	100kHz,1.0	±20	0.158	1.58
YKCD5029C-100	10	100kHz,1.0	±20	0.17	1.36
YKCD5029C-120	12	100kHz,1.0	±20	0.196	1.15
YKCD5029C-150	15	100kHz,1.0	±20	0.22	1.08
YKCD5029C-180	18	100kHz,1.0	±20	0.257	1.00
YKCD5029C-220	22	100kHz,1.0	±20	0.31	0.93
YKCD5029C-270	27	100kHz,1.0	±20	0.34	0.88
YKCD5029C-330	33	100kHz,1.0	±20	0.41	0.79
YKCD5029C-390	39	100kHz,1.0	±20	0.48	0.74
YKCD5029C-470	47	100kHz,1.0	±20	0.62	0.62
YKCD5029C-560	56	100kHz,1.0	±20	0.72	0.59
YKCD5029C-680	68	100kHz,1.0	±20	0.78	0.54

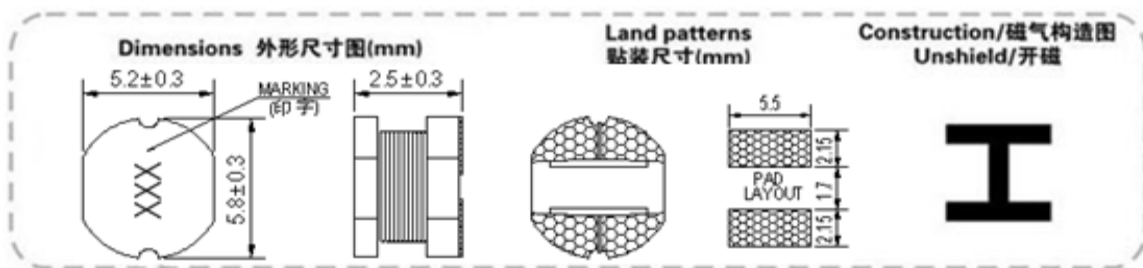
Packaging/包装方式 2000PCS/REEL



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: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz.
 - 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℃).

YKCD5828C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 同等尺寸，额定电流特性较传统电感高出 30% 以上
- 省空间，更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

Inductance Range/电感范围: 1.2μH~120μH.

Temperature Range/使用温度: -30℃~100℃.

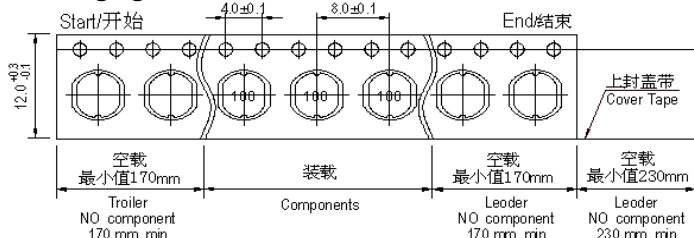
Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD5828C-1R2	1.2	100KHz,1.0	±20	0.017	3.6
YKCD5828C-2R2	2.2	100KHz,1.0	±20	0.022	3.1
YKCD5828C-3R3	3.3	100KHz,1.0	±20	0.032	2.7
YKCD5828C-3R9	3.9	100KHz,1.0	±20	0.039	2.4
YKCD5828C-4R7	4.7	100KHz,1.0	±20	0.043	2.2
YKCD5828C-5R6	5.6	100KHz,1.0	±20	0.048	2
YKCD5828C-6R8	6.8	100KHz,1.0	±20	0.055	1.8
YKCD5828C-8R2	8.2	100KHz,1.0	±20	0.062	1.7
YKCD5828C-100	10	100KHz,1.0	±20	0.071	1.5
YKCD5828C-120	12	100KHz,1.0	±20	0.076	1.3
YKCD5828C-150	15	100KHz,1.0	±20	0.081	1.2
YKCD5828C-180	18	100KHz,1.0	±20	0.112	1
YKCD5828C-220	22	100KHz,1.0	±20	0.144	0.9
YKCD5828C-270	27	100KHz,1.0	±20	0.267	0.85
YKCD5828C-330	33	100KHz,1.0	±20	0.338	0.75
YKCD5828C-390	39	100KHz,1.0	±20	0.393	0.7
YKCD5828C-470	47	100KHz,1.0	±20	0.486	0.6
YKCD5828C-560	56	100KHz,1.0	±20	0.588	0.55
YKCD5828C-680	68	100KHz,1.0	±20	0.715	0.5
YKCD5828C-820	82	100KHz,1.0	±20	0.936	0.45
YKCD5828C-101	100	100KHz,1.0	±20	1.16	0.4
YKCD5828C-121	120	100KHz,1.0	±20	1.32	0.35

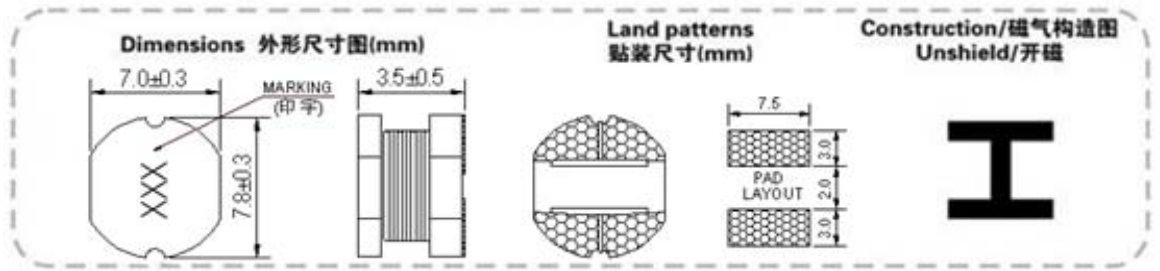
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz.
 - 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 1500PCS/REEL



YKCD7838C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 同等尺寸，额定电流特性较传统电感高出 30% 以上
- 省空间，更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

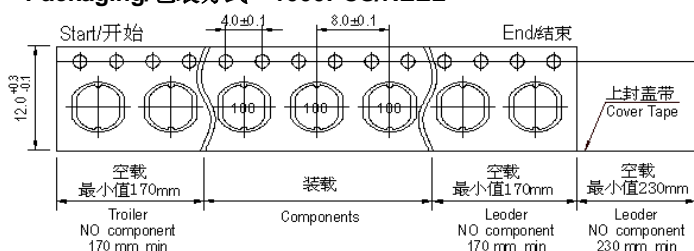
Inductance Range/电感范围: 1.8μH~100μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD7838C-1R8N	1.8	100KHz,1.0	±20	0.015	6.00
YKCD7838C-2R5N	2.5	100KHz,1.0	±20	0.017	5.60
YKCD7838C-3R5N	3.5	100KHz,1.0	±20	0.024	5.00
YKCD7838C-4R7N	4.7	100KHz,1.0	±20	0.029	4.40
YKCD7838C-6R0N	6.0	100KHz,1.0	±20	0.032	4.00
YKCD7838C-100N	10	100KHz,1.0	±20	0.048	3.00
YKCD7838C-150N	15	100KHz,1.0	±20	0.067	2.50
YKCD7838C-220N	22	100KHz,1.0	±20	0.105	2.00
YKCD7838C-330N	33	100KHz,1.0	±20	0.157	1.60
YKCD7838C-470N	47	100KHz,1.0	±20	0.189	1.42
YKCD7838C-680N	68	100KHz,1.0	±20	0.290	1.08
YKCD7838C-101N	100	100KHz,1.0	±20	0.410	0.88

Packaging/包装方式 1000PCS/REEL



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: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz.
 - 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℃).



YKCD7858C



特征:

- 磁性胶水涂敷结构极大减少了蜂鸣声
- 直接在磁芯上金属化电极，抗跌落冲击强，经久耐用
- 闭合磁路结构设计，漏磁少，抗 EMI 能力强
- 同等尺寸，额定电流特性较传统电感高出 30% 以上
- 省空间，更省电
- 广泛应用于 LED 照明、平板电视、蓝光 DVD 机顶盒、笔记本电脑、台式电脑、服务器、显卡、便携式游戏机、个人导航系统、多媒体、汽车产品、通信设备

FEATURES:

- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels
- Metallization on Ferrite Core results in excellent shock resistance and damage-free durability
- Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI)
- 30% higher current rating than conventional inductors of equal size
- Takes up less PCB real estate and save more power
- LED Lighting、Flat-screen TVs, blue-ray disc recorders, set top box、Notebooks, desktop computers, servers, graphic cards、Portable gaming devices, personal navigation systems, personal multimedia devices, Automotive systems Telecom base stations

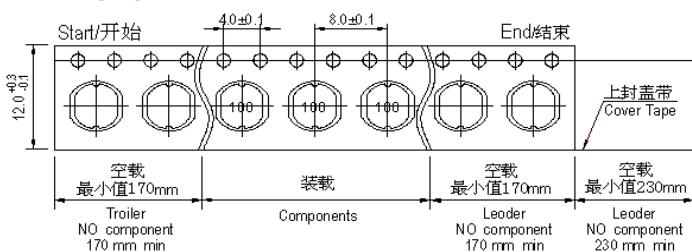
Inductance Range/电感范围: 1.8μH~100μH.

Temperature Range/使用温度: -30℃~100℃.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD7838C-1R8N	1.8	100kHz, 1.0	±20	0.015	6.00
YKCD7838C-2R5N	2.5	100kHz, 1.0	±20	0.017	5.60
YKCD7838C-3R5N	3.5	100kHz, 1.0	±20	0.024	5.00
YKCD7838C-4R7N	4.7	100kHz, 1.0	±20	0.029	4.40
YKCD7838C-6R0N	6.0	100kHz, 1.0	±20	0.032	4.00
YKCD7838C-100N	10	100kHz, 1.0	±20	0.048	3.00
YKCD7838C-150N	15	100kHz, 1.0	±20	0.067	2.50
YKCD7838C-220N	22	100kHz, 1.0	±20	0.105	2.00
YKCD7838C-330N	33	100kHz, 1.0	±20	0.157	1.60
YKCD7838C-470N	47	100kHz, 1.0	±20	0.189	1.42
YKCD7838C-680N	68	100kHz, 1.0	±20	0.290	1.08
YKCD7838C-101N	100	100kHz, 1.0	±20	0.410	0.88

Packaging/包装方式 1000PCS/REEL



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: VR1153 LCR +DCR or equivalent. Test frequency at 100kHz.
 - 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: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz.
 - 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℃).