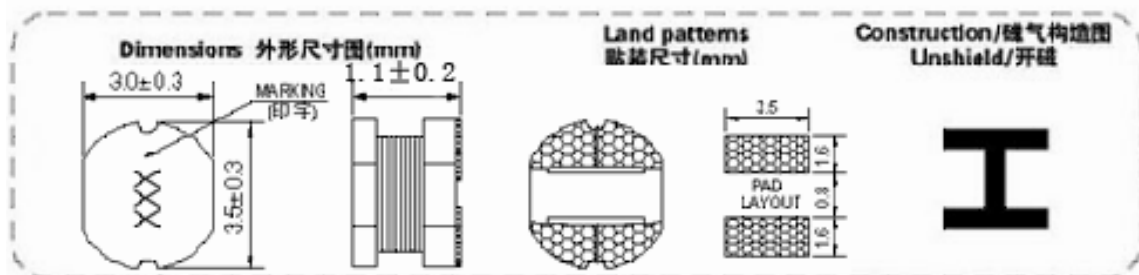


YKCD3511



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降压转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

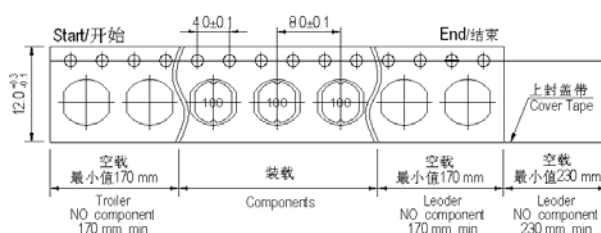
Inductance Range/电感范围:1.0μH~180μH.

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)
YKCD3511-1R0	1.0	100KHz,0.25	±20	0.048	1.60
YKCD3511-1R5	1.5	100KHz,0.25	±20	0.100	1.55
YKCD3511-2R2	2.2	100KHz,0.25	±20	0.078	1.47
YKCD3511-3R3	3.3	100KHz,0.25	±20	0.126	1.34
YKCD3511-3R9	3.9	100KHz,0.25	±20	0.140	1.24
YKCD3511-4R7	4.7	100KHz,0.25	±20	0.158	1.22
YKCD3511-5R6	5.6	100KHz,0.25	±20	0.186	1.09
YKCD3511-6R8	6.8	100KHz,0.25	±20	0.213	0.96
YKCD3511-8R2	8.2	100KHz,0.25	±20	0.238	0.84
YKCD3511-100	10	10KHz,0.25	±20	0.307	0.70
YKCD3511-120	12	10KHz,0.25	±20	0.372	0.65
YKCD3511-150	15	10KHz,0.25	±20	0.466	0.59
YKCD3511-180	18	10KHz,0.25	±20	0.515	0.54
YKCD3511-220	22	10KHz,0.25	±20	0.656	0.48
YKCD3511-270	27	10KHz,0.25	±20	0.774	0.43
YKCD3511-330	33	10KHz,0.25	±20	1.021	0.37
YKCD3511-390	39	10KHz,0.25	±20	1.122	0.32
YKCD3511-470	47	10KHz,0.25	±20	1.509	0.26
YKCD3511-560	56	10KHz,0.25	±20	1.675	0.24
YKCD3511-680	68	10KHz,0.25	±20	1.919	0.23
YKCD3511-820	82	10KHz,0.25	±20	2.644	0.21
YKCD3511-101	100	1KHz,0.25	±20	2.870	0.19
YKCD3511-121	120	1KHz,0.25	±20	0.084	0.17
YKCD3511-151	150	1KHz,0.25	±20	4.774	0.16
YKCD3511-181	180	1KHz,0.25	±20	5.699	0.14

Packaging/包装方式 5000PCS/REEL



FEATURES:

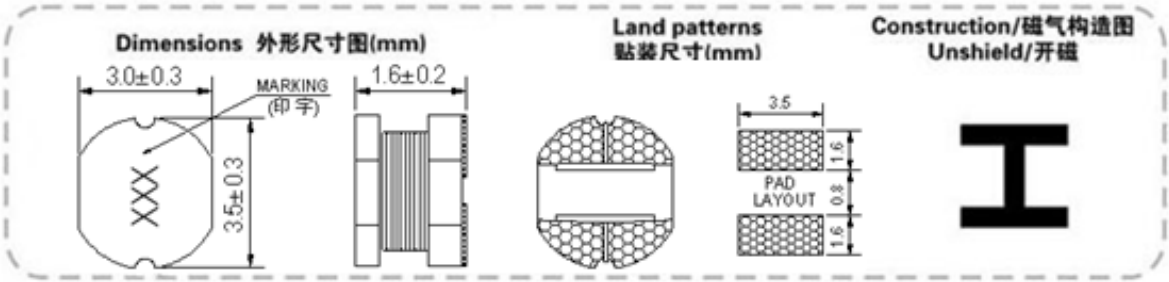
- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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 100 kHz/1KHz.
 - 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/1KHz。
 - 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℃)



YKCD3516



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降压转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

FEATURES:

- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

Inductance Range/电感范围:2.2μH~27μH.

Temperature Range/使用温度: -30℃~100℃.

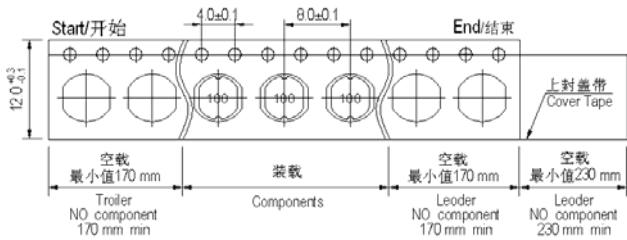
Electrical Characteristics/电气特性

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)
YKCD3516-2R2	2.2	100KHz,0.25	± 20	0.24	1.20
YKCD3516-3R3	3.3	100KHz,0.25	± 20	0.27	1.08
YKCD3516-4R7	4.7	100KHz,0.25	± 20	0.3	1.00
YKCD3516-6R6	6.8	100KHz,0.25	± 20	0.47	0.80
YKCD3516-8R2	8.2	100KHz,0.25	± 20	0.52	0.76
YKCD3516-100	10	10KHz,0.25	± 20	0.55	0.70
YKCD3516-120	12	10KHz,0.25	± 20	0.75	0.60
YKCD3516-150	15	10KHz,0.25	± 20	0.91	0.50
YKCD3516-220	22	10KHz,0.25	± 20	1.2	0.40
YKCD3516-270	27	10KHz,0.25	± 20	1.5	0.36

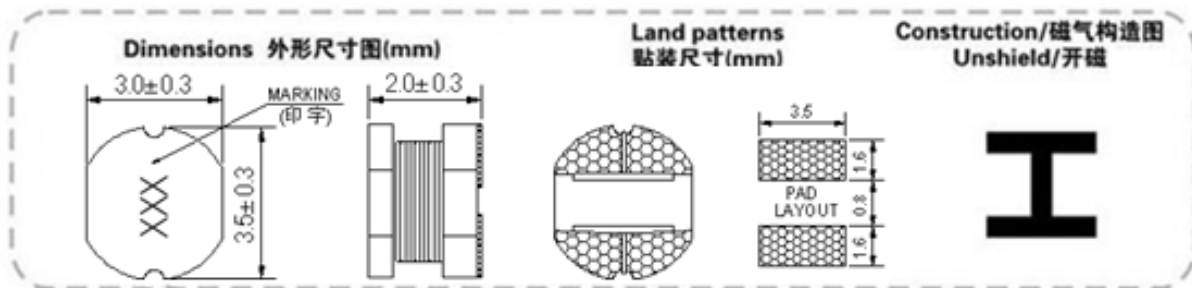
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求 (有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100 kHz/1KHz.
- 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/1KHz。
- 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



YKCD32



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降压转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

FEATURES:

- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

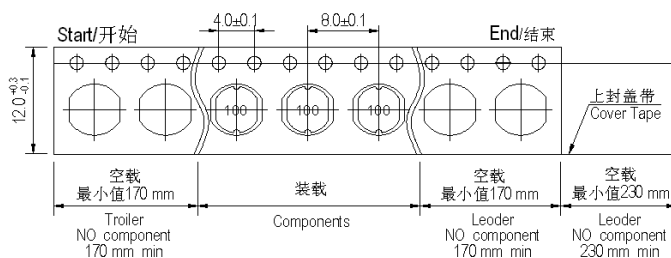
Inductance Range/电感范围:1.0μH~68μH.

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)
YKCD32-1R0	1.0	100KHz,0.25	±20	0.045	2.20
YKCD32-1R2	1.2	100KHz,0.25	±20	0.050	2.10
YKCD32-1R5	1.5	100KHz,0.25	±20	0.055	1.70
YKCD32-1R8	1.8	100KHz,0.25	±20	0.070	1.65
YKCD32-2R2	2.2	100KHz,0.25	±20	0.085	1.60
YKCD32-3R3	3.3	100KHz,0.25	±20	0.120	1.04
YKCD32-3R9	3.9	100KHz,0.25	±20	0.125	1.00
YKCD32-4R7	4.7	100KHz,0.25	±20	0.135	1.00
YKCD32-5R6	5.6	100KHz,0.25	±20	0.145	0.95
YKCD32-6R8	6.8	100KHz,0.25	±20	0.200	0.95
YKCD32-8R2	8.2	100KHz,0.25	±20	0.250	0.92
YKCD32-100	10	10KHz,0.25	±20	0.320	0.90
YKCD32-120	12	10KHz,0.25	±20	0.350	0.85
YKCD32-150	15	10KHz,0.25	±20	0.460	0.75
YKCD32-180	18	10KHz,0.25	±20	0.520	0.70
YKCD32-220	22	10KHz,0.25	±20	0.650	0.60
YKCD32-270	27	10KHz,0.25	±20	0.750	0.55
YKCD32-330	33	10KHz,0.25	±20	0.920	0.50
YKCD32-390	39	10KHz,0.25	±20	1.120	0.48
YKCD32-470	47	10KHz,0.25	±20	1.270	0.45
YKCD32-560	56	10KHz,0.25	±20	1.500	0.30
YKCD32-680	68	10KHz,0.25	±20	2.000	0.26

Packaging/包装方式 3000PCS/REEL

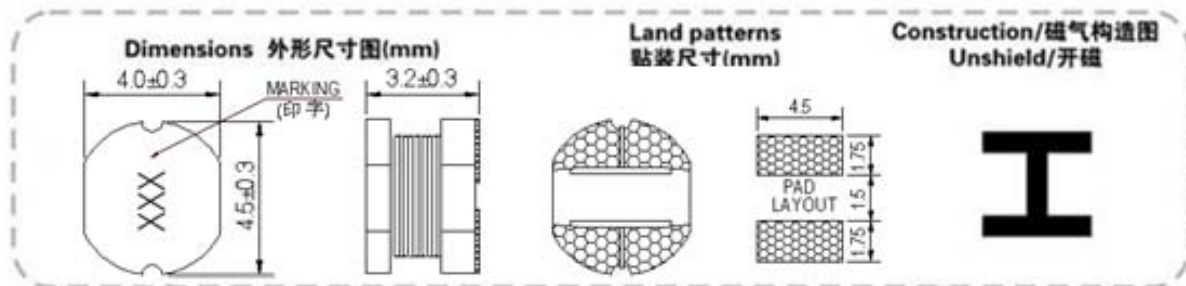


Sans Plomb (SGS Certified Result) 本产品满足环境保护要求 (有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

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



YKCD43



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

FEATURES:

- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

Inductance Range/电感范围:1.0μH~68μH.

Temperature Range/使用温度: -30℃~100℃.

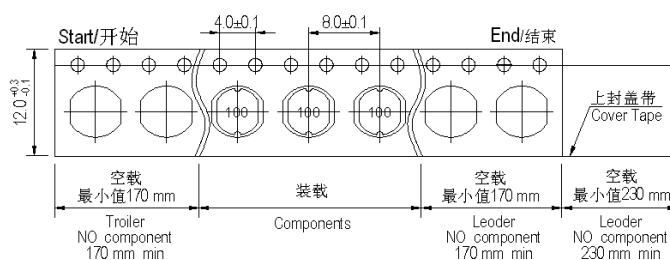
Electrical Characteristics/电气特性

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)
YKCD43-1R0	1.0	100KHz,0.25	±20	0.0487	2.56
YKCD43-1R2	1.2	100KHz,0.25	±20		
YKCD43-1R4	1.4	100KHz,0.25	±20	0.0562	2.52
YKCD43-1R5	1.5	100KHz,0.25	±20		
YKCD43-1R8	1.8	100KHz,0.25	±20	0.0637	1.95
YKCD43-2R2	2.2	100KHz,0.25	±20	0.0712	1.75
YKCD43-2R7	2.7	100KHz,0.25	±20	0.0787	1.58
YKCD43-3R3	3.3	100KHz,0.25	±20	0.0862	1.44
YKCD43-3R9	3.9	100KHz,0.25	±20	0.0937	1.33
YKCD43-4R7	4.7	100KHz,0.25	±20	0.1087	1.15
YKCD43-5R6	5.6	100KHz,0.25	±20	0.1257	0.99
YKCD43-6R8	6.8	100KHz,0.25	±20	0.1312	0.95
YKCD43-8R2	8.2	100KHz,0.25	±20	0.1462	0.84
YKCD43-100	10	10KHz,0.25	±20	0.182	1.04
YKCD43-120	12	10KHz,0.25	±20	0.210	0.97
YKCD43-150	15	10KHz,0.25	±20	0.235	0.85
YKCD43-180	18	10KHz,0.25	±20	0.338	0.74
YKCD43-220	22	10KHz,0.25	±20	0.378	0.68
YKCD43-270	27	10KHz,0.25	±20	0.522	0.62
YKCD43-330	33	10KHz,0.25	±20	0.540	0.56
YKCD43-390	39	10KHz,0.25	±20	0.587	0.52
YKCD43-470	47	10KHz,0.25	±20	0.844	0.44
YKCD43-560	56	10KHz,0.25	±20	0.937	0.42
YKCD43-680	68	10KHz,0.25	±20	1.117	0.37

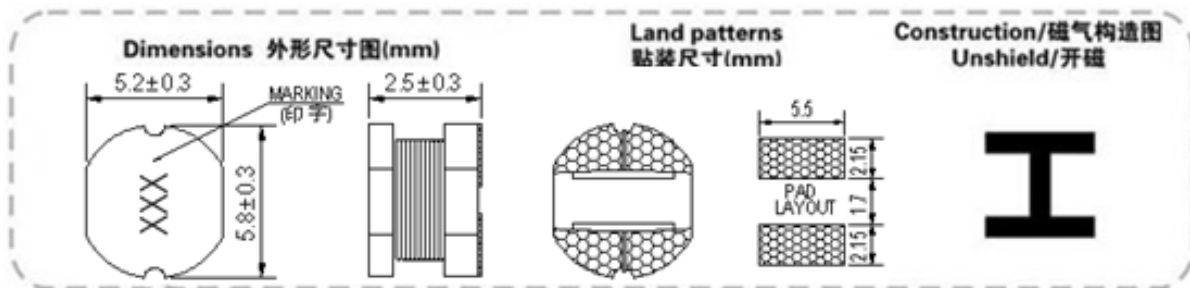
Packaging/包装方式 2000PCS/REEL

Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
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 100 kHz/1KHz.
 - 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/1KHz。
 - 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℃)



YKCD52



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

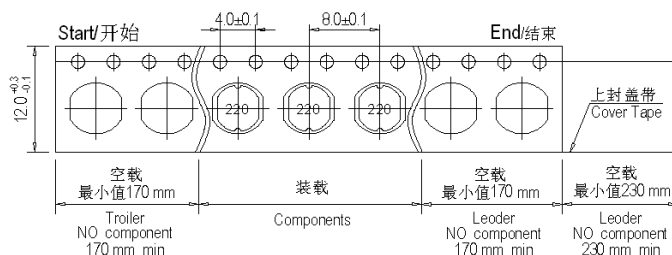
Inductance Range/电感范围: 1.2μH~470μH.

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)
YKCD52-1R2	1.2	100kHz, 0.25	±20	0.05	4.2
YKCD52-2R2	2.2	100kHz, 0.25	±20	0.07	3.5
YKCD52-3R3	3.3	100kHz, 0.25	±20	0.10	2.7
YKCD52-3R9	3.9	100kHz, 0.25	±20	0.12	2.4
YKCD52-4R7	4.7	100kHz, 0.25	±20	0.14	2.0
YKCD52-5R6	5.6	100kHz, 0.25	±20	0.15	1.8
YKCD52-6R8	6.8	100kHz, 0.25	±20	0.16	1.5
YKCD52-8R2	8.2	100kHz, 0.25	±20	0.18	1.4
YKCD52-100	10	10kHz, 0.25	±20	0.20	1.3
YKCD52-120	12	10kHz, 0.25	±20	0.23	1.1
YKCD52-150	15	10kHz, 0.25	±20	0.25	1.05
YKCD52-180	18	10kHz, 0.25	±20	0.30	1.00
YKCD52-220	22	10kHz, 0.25	±20	0.35	0.90
YKCD52-270	27	10kHz, 0.25	±20	0.40	0.85
YKCD52-330	33	10kHz, 0.25	±20	0.50	0.75
YKCD52-390	39	10kHz, 0.25	±20	0.55	0.70
YKCD52-470	47	10kHz, 0.25	±20	0.65	0.60
YKCD52-560	56	10kHz, 0.25	±20	0.75	0.55
YKCD52-680	68	10kHz, 0.25	±20	0.95	0.50
YKCD52-820	82	10kHz, 0.25	±20	1.20	0.45
YKCD52-101	100	1kHz, 0.25	±20	1.40	0.40
YKCD52-121	120	1kHz, 0.25	±20	1.75	0.35
YKCD52-151	150	1kHz, 0.25	±20	2.00	0.25
YKCD52-181	180	1kHz, 0.25	±20	2.60	0.22
YKCD52-221	220	1kHz, 0.25	±20	3.00	0.20
YKCD52-271	270	1kHz, 0.25	±20	3.70	0.18
YKCD52-331	330	1kHz, 0.25	±20	4.30	0.17
YKCD52-391	390	1kHz, 0.25	±20	6.00	0.16
YKCD52-471	470	1kHz, 0.25	±20	6.70	0.15

Packaging/包装方式 2500PCS/REEL



FEATURES:

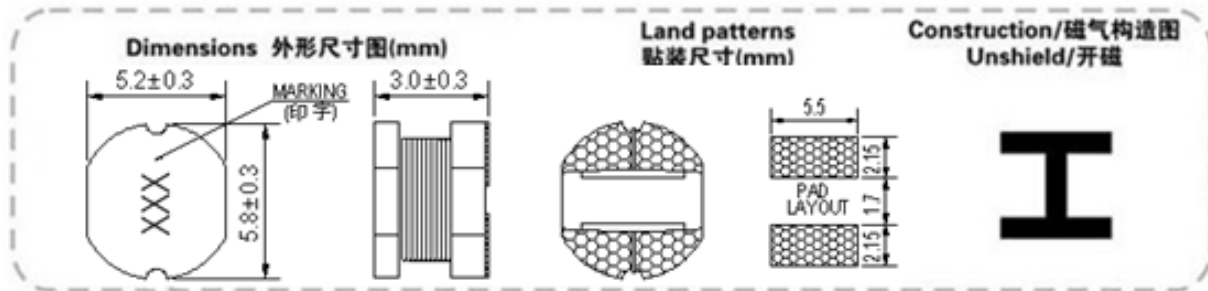
- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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 100 kHz/1KHz.
 - 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/1KHz.
 - 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℃)



YKCD53



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降转换器、液晶显示、笔记本电脑、个人掌上记事本、

MP3/MP4 播放器、数码相机、便携式光碟机等。

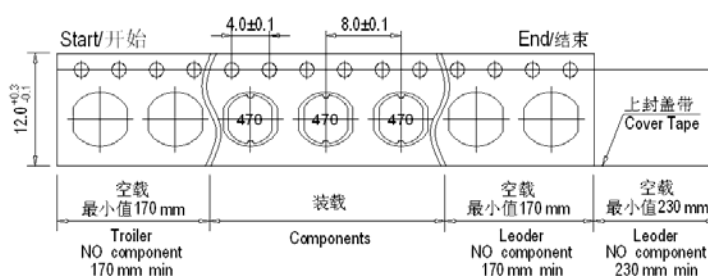
Inductance Range/电感范围:1.0μH~470μH.

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)
YKCD53-1R0	1.0	100KHz,0.25	±20	0.03	4.5
YKCD53-2R2	2.2	100KHz,0.25	±20	0.03	3.5
YKCD53-3R3	3.3	100KHz,0.25	±20	0.05	2.8
YKCD53-3R9	3.9	100KHz,0.25	±20	0.06	2.6
YKCD53-4R7	4.7	100KHz,0.25	±20	0.07	2.5
YKCD53-5R6	5.6	100KHz,0.25	±20	0.08	2.4
YKCD53-6R8	6.8	100KHz,0.25	±20	0.09	2.2
YKCD53-8R2	8.2	100KHz,0.25	±20	0.10	2.0
YKCD53-100	10	10KHz,0.25	±20	0.13	1.8
YKCD53-120	12	10KHz,0.25	±20	0.16	1.75
YKCD53-150	15	10KHz,0.25	±20	0.19	1.70
YKCD53-180	18	10KHz,0.25	±20	0.21	1.60
YKCD53-220	22	10KHz,0.25	±20	0.28	1.50
YKCD53-270	27	10KHz,0.25	±20	0.32	1.40
YKCD53-330	33	10KHz,0.25	±20	0.38	1.10
YKCD53-390	39	10KHz,0.25	±20	0.42	1.00
YKCD53-470	47	10KHz,0.25	±20	0.52	0.90
YKCD53-560	56	10KHz,0.25	±20	0.56	0.85
YKCD53-680	68	10KHz,0.25	±20	0.68	0.80
YKCD53-820	82	10KHz,0.25	±20	0.82	0.65
YKCD53-101	100	1KHz,0.25	±20	1.10	0.60
YKCD53-121	120	1KHz,0.25	±20	1.20	0.58
YKCD53-151	150	1KHz,0.25	±20	1.50	0.43
YKCD53-181	180	1KHz,0.25	±20	1.80	0.41
YKCD53-221	220	1KHz,0.25	±20	2.00	0.37
YKCD53-271	270	1KHz,0.25	±20	2.90	0.35
YKCD53-331	330	1KHz,0.25	±20	3.30	0.28
YKCD53-391	390	1KHz,0.25	±20	3.70	0.26
YKCD53-471	470	1KHz,0.25	±20	4.90	0.20

Packaging/包装方式 1500PCS/REEL



FEATURES:

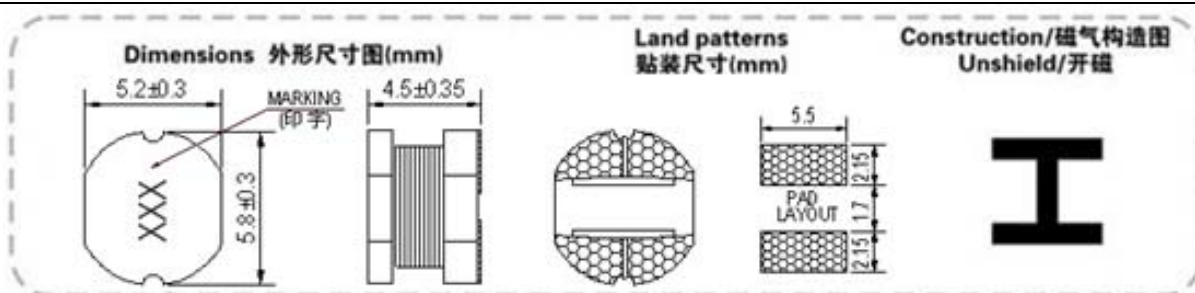
- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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 100 kHz/1KHz.
 - 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/1KHz.
 - 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℃)



YKCD54



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

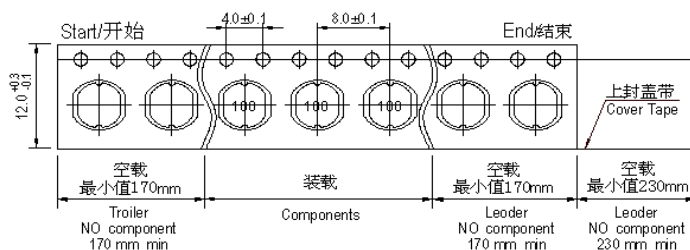
Inductance Range/电感范围:1.0μH~220μH.

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)
YKCD54-1R0	1.0	100KHz,0.25	±20	0.020	5.0
YKCD54-2R2	2.2	100KHz,0.25	±20	0.025	4.8
YKCD54-3R3	3.3	100KHz,0.25	±20	0.017	4.5
YKCD54-3R9	3.9	100KHz,0.25	±20	0.030	3.5
YKCD54-4R7	4.7	100KHz,0.25	±20	0.040	3.0
YKCD54-5R6	5.6	100KHz,0.25	±20	0.04	2.8
YKCD54-6R8	6.8	100KHz,0.25	±20	0.08	2.5
YKCD54-100	10	10KHz,0.25	±20	0.10	1.44
YKCD54-120	12	10KHz,0.25	±20	0.12	1.40
YKCD54-150	15	10KHz,0.25	±20	0.14	1.30
YKCD54-180	18	10KHz,0.25	±20	0.15	1.23
YKCD54-220	22	10KHz,0.25	±20	0.18	1.11
YKCD54-270	27	10KHz,0.25	±20	0.20	0.97
YKCD54-330	33	10KHz,0.25	±20	0.23	0.88
YKCD54-390	39	10KHz,0.25	±20	0.32	0.80
YKCD54-470	47	10KHz,0.25	±20	0.37	0.72
YKCD54-560	56	10KHz,0.25	±20	0.42	0.68
YKCD54-680	68	10KHz,0.25	±20	0.46	0.61
YKCD54-820	82	10KHz,0.25	±20	0.60	0.58
YKCD54-101	100	1KHz,0.25	±20	0.70	0.52
YKCD54-121	120	1KHz,0.25	±20	0.93	0.48
YKCD54-151	150	1KHz,0.25	±20	1.10	0.40
YKCD54-181	180	1KHz,0.25	±20	1.83	0.38
YKCD54-221	220	1KHz,0.25	±20	1.57	0.35

Packaging/包装方式 1500PCS/REEL



FEATURES:

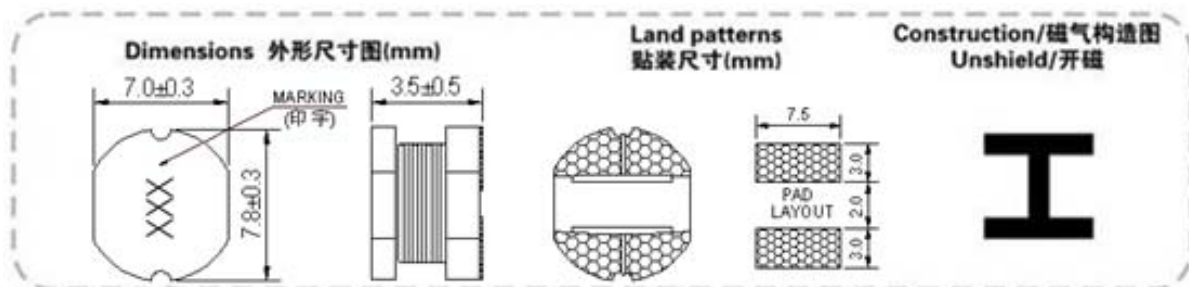
- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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 100 kHz/1KHz.
 - 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/1KHz.
 - 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℃)



YKCD73



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降压转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

Inductance Range/电感范围: 1.0 μ H~330 μ H.

Temperature Range/使用温度: -30 $^{\circ}$ C~100 $^{\circ}$ C.

Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μ H)	Test Condition 测试条件	Tolerance 公差(%)	DC Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCD73-1R0	1.0	100KHz,0.25	± 20	0.018	7.0
YKCD73-1R5	1.5	100KHz,0.25	± 20	0.020	6.0
YKCD73-2R2	2.2	100KHz,0.25	± 20	0.023	5.0
YKCD73-3R3	3.3	100KHz,0.25	± 20	0.025	4.0
YKCD73-4R7	4.7	100KHz,0.25	± 20	0.039	3.5
YKCD73-6R8	6.8	100KHz,0.25	± 20	0.04	2.8
YKCD73-100	10	10KHz,0.25	± 20	0.08	1.44
YKCD73-120	12	10KHz,0.25	± 20	0.09	1.39
YKCD73-150	15	10KHz,0.25	± 20	0.10	1.24
YKCD73-180	18	10KHz,0.25	± 20	0.11	1.12
YKCD73-220	22	10KHz,0.25	± 20	0.13	1.07
YKCD73-270	27	10KHz,0.25	± 20	0.15	0.94
YKCD73-330	33	10KHz,0.25	± 20	0.17	0.85
YKCD73-390	39	10KHz,0.25	± 20	0.22	0.74
YKCD73-470	47	10KHz,0.25	± 20	0.25	0.68
YKCD73-560	56	10KHz,0.25	± 20	0.28	0.64
YKCD73-680	68	10KHz,0.25	± 20	0.33	0.59
YKCD73-820	82	10KHz,0.25	± 20	0.41	0.54
YKCD73-101	100	1KHz,0.25	± 20	0.48	0.51
YKCD73-121	120	1KHz,0.25	± 20	0.54	0.49
YKCD73-151	150	1KHz,0.25	± 20	0.76	0.40
YKCD73-181	180	1KHz,0.25	± 20	1.02	0.36
YKCD73-221	220	1KHz,0.25	± 20	1.20	0.31
YKCD73-271	270	1KHz,0.25	± 20	1.31	0.29
YKCD73-331	330	1KHz,0.25	± 20	1.50	0.28

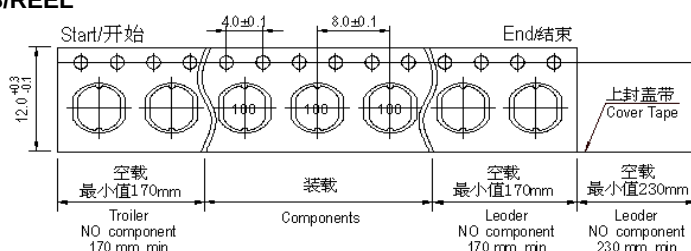
FEATURES:

- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

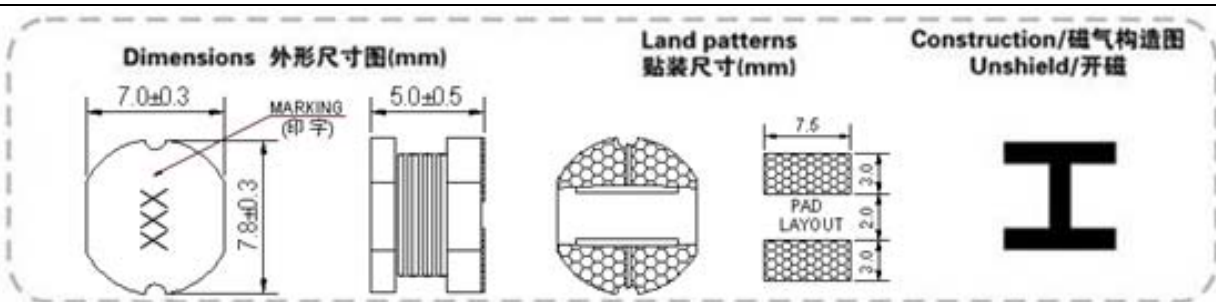
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求 (有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100 kHz/1KHz.
 - 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 $^{\circ}$ C, whichever is smaller. (At ambient reference temperature: 20 $^{\circ}$ C).
- 1、电感值测试仪: VR1153 LCR+DCR 或同等 LCR Meter. 测试频率 100KHz/1KHz.
 - 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 $^{\circ}$ C时取其小值作为最大容许电流。(周围环境温度 20 $^{\circ}$ C)

Packaging/包装方式 1000PCS/REEL



YKCD75



特征:

- 镀银型，低成本的设计。
- 具有高功率，强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降压转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

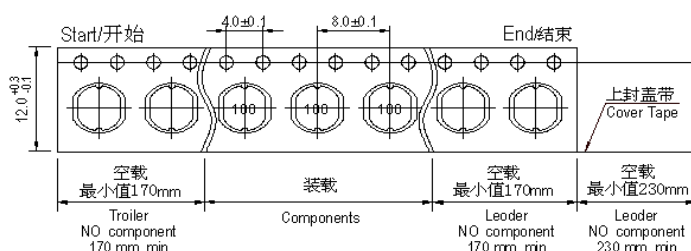
Inductance Range/电感范围: 1.0μH~470μH.

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)
YKCD75-1R0	1.0	100KHz, 0.25	±20	0.013	7.5
YKCD75-2R2	2.2	100KHz, 0.25	±20	0.023	5.3
YKCD75-3R3	3.3	100KHz, 0.25	±20	0.028	4.5
YKCD75-4R7	4.7	100KHz, 0.25	±20	0.045	4.0
YKCD75-6R8	6.8	100KHz, 0.25	±20	0.058	3.2
YKCD75-8R2	8.2	100KHz, 0.25	±20	0.07	2.8
YKCD75-100	10	10KHz, 0.25	±20	0.07	2.3
YKCD75-120	12	10KHz, 0.25	±20	0.08	2.0
YKCD75-150	15	10KHz, 0.25	±20	0.09	1.8
YKCD75-180	18	10KHz, 0.25	±20	0.10	1.6
YKCD75-220	22	10KHz, 0.25	±20	0.11	1.5
YKCD75-270	27	10KHz, 0.25	±20	0.12	1.3
YKCD75-330	33	10KHz, 0.25	±20	0.13	1.2
YKCD75-390	39	10KHz, 0.25	±20	0.16	1.1
YKCD75-470	47	10KHz, 0.25	±20	0.18	1.1
YKCD75-560	56	10KHz, 0.25	±20	0.24	0.94
YKCD75-680	68	10KHz, 0.25	±20	0.28	0.85
YKCD75-820	82	10KHz, 0.25	±20	0.37	0.78
YKCD75-101	100	1KHz, 0.25	±20	0.43	0.72
YKCD75-121	120	1KHz, 0.25	±20	0.47	0.66
YKCD75-151	150	1KHz, 0.25	±20	0.64	0.58
YKCD75-181	180	1KHz, 0.25	±20	0.71	0.51
YKCD75-221	220	1KHz, 0.25	±20	0.96	0.49
YKCD75-271	270	1KHz, 0.25	±20	1.11	0.42
YKCD75-331	330	1KHz, 0.25	±20	1.26	0.40
YKCD75-391	390	1KHz, 0.25	±20	1.77	0.36
YKCD75-471	470	1KHz, 0.25	±20	1.96	0.34

Packaging/包装方式 1000PCS/REEL



FEATURES:

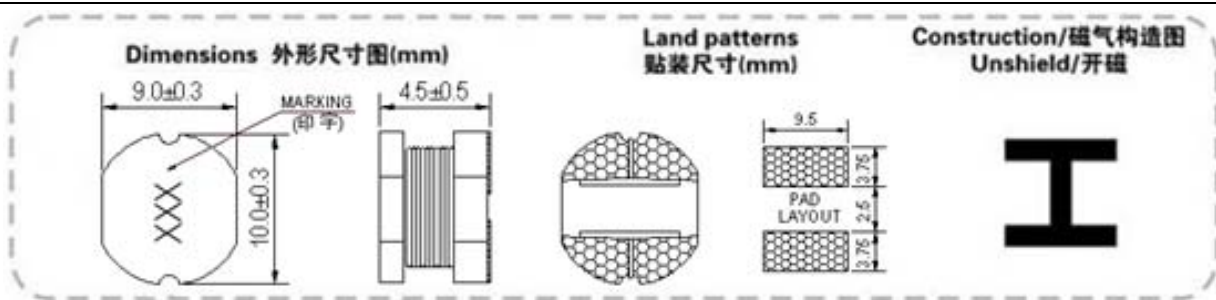
- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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 100 kHz/1KHz.
 - 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/1KHz.
 - 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℃)



YKCD104



特征:

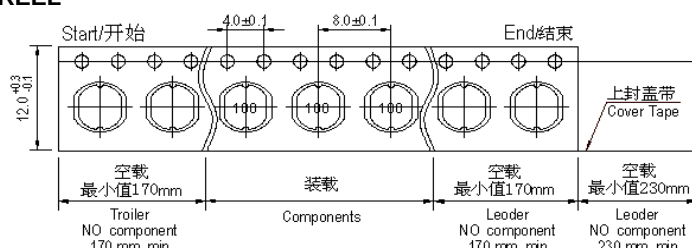
- 镀银型，低成本的设计。
 - 具有高功率，强力高饱和电流。
 - 适用于编带和自动电器表面安装。
 - 适用于回流焊 SMT 工艺。
 - 广泛应用于升降转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。
- Inductance Range/电感范围: 1.0μH~560μH.**

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)
YKCD104-1R0	1.0	100KHz, 0.25	±20	0.012	8.70
YKCD104-2R2	2.2	100KHz, 0.25	±20	0.020	5.40
YKCD104-3R3	3.3	100KHz, 0.25	±20	0.038	2.85
YKCD104-4R7	4.7	100KHz, 0.25	±20	0.040	2.75
YKCD104-5R6	5.6	100KHz, 0.25	±20	0.042	2.70
YKCD104-6R8	6.8	100KHz, 0.25	±20	0.05	2.65
YKCD104-8R2	8.2	100KHz, 0.25	±20	0.07	2.60
YKCD104-100	10	10KHz, 0.25	±20	0.05	2.38
YKCD104-120	12	10KHz, 0.25	±20	0.06	2.13
YKCD104-150	15	10KHz, 0.25	±20	0.07	1.87
YKCD104-180	18	10KHz, 0.25	±20	0.07	1.73
YKCD104-220	22	10KHz, 0.25	±20	0.09	1.60
YKCD104-270	27	10KHz, 0.25	±20	0.10	1.44
YKCD104-330	33	10KHz, 0.25	±20	0.12	1.26
YKCD104-390	39	10KHz, 0.25	±20	0.15	1.20
YKCD104-470	47	10KHz, 0.25	±20	0.17	1.10
YKCD104-560	56	10KHz, 0.25	±20	0.20	1.01
YKCD104-680	68	10KHz, 0.25	±20	0.22	0.91
YKCD104-820	82	10KHz, 0.25	±20	0.25	0.85
YKCD104-101	100	1KHz, 0.25	±20	0.34	0.74
YKCD104-121	120	1KHz, 0.25	±20	0.40	0.69
YKCD104-151	150	1KHz, 0.25	±20	0.54	0.61
YKCD104-181	180	1KHz, 0.25	±20	0.62	0.56
YKCD104-221	220	1KHz, 0.25	±20	0.72	0.53
YKCD104-271	270	1KHz, 0.25	±20	0.95	0.45
YKCD104-331	330	1KHz, 0.25	±20	1.10	0.42
YKCD104-391	390	1KHz, 0.25	±20	1.25	0.38
YKCD104-471	470	1KHz, 0.25	±20	1.53	0.35
YKCD104-561	560	1KHz, 0.25	±20	1.90	0.32

Packaging/包装方式 750PCS/REEL



FEATURES:

- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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

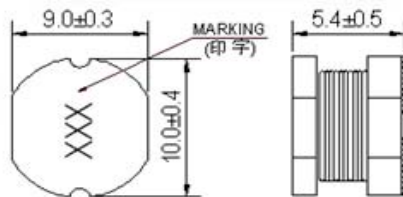
- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100 kHz/1KHz.
 - 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
 - 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial 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/1KHz。
 - 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℃)



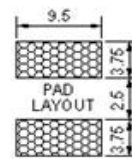
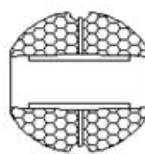
YKCD105



Dimensions 外形尺寸图(mm)



Land patterns 贴装尺寸(mm)

Construction/磁气构造图
Unshield/开磁

特征:

- 镀银型, 低成本的设计。
- 具有高功率, 强力高饱和电流。
- 适用于编带和自动电器表面安装。
- 适用于回流焊 SMT 工艺。
- 广泛应用于升降压转换器、液晶显示、笔记本电脑、个人掌上记事本、MP3/MP4 播放器、数码相机、便携式光碟机等。

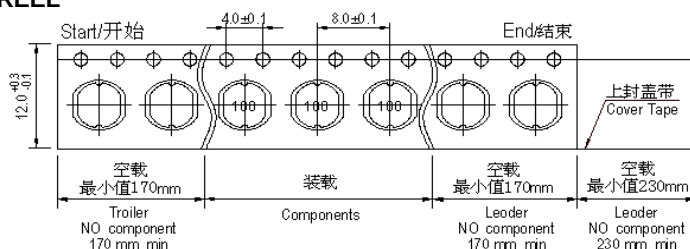
Inductance Range/电感范围: 1.0μH~820μH.

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)
YKCD105-1R0	1.0	100KHz, 0.25	±20	0.009	8.63
YKCD105-2R2	2.2	100KHz, 0.25	±20	0.016	7.20
YKCD105-3R3	3.3	100KHz, 0.25	±20	0.018	6.50
YKCD105-4R7	4.7	100KHz, 0.25	±20	0.02	5.50
YKCD105-6R8	6.8	100KHz, 0.25	±20	0.04	4.50
YKCD105-100	10	10KHz, 0.25	±20	0.06	2.60
YKCD105-120	12	10KHz, 0.25	±20	0.07	2.45
YKCD105-150	15	10KHz, 0.25	±20	0.08	2.27
YKCD105-180	18	10KHz, 0.25	±20	0.09	2.15
YKCD105-220	22	10KHz, 0.25	±20	0.10	1.95
YKCD105-270	27	10KHz, 0.25	±20	0.11	1.76
YKCD105-330	33	10KHz, 0.25	±20	0.12	1.50
YKCD105-390	39	10KHz, 0.25	±20	0.14	1.37
YKCD105-470	47	10KHz, 0.25	±20	0.17	1.28
YKCD105-560	56	10KHz, 0.25	±20	0.19	1.17
YKCD105-680	68	10KHz, 0.25	±20	0.22	1.11
YKCD105-820	82	10KHz, 0.25	±20	0.25	1.00
YKCD105-101	100	1KHz, 0.25	±20	0.35	0.97
YKCD105-121	120	1KHz, 0.25	±20	0.40	0.89
YKCD105-151	150	1KHz, 0.25	±20	0.47	0.78
YKCD105-181	180	1KHz, 0.25	±20	0.63	0.72
YKCD105-221	220	1KHz, 0.25	±20	0.73	0.66
YKCD105-271	270	1KHz, 0.25	±20	0.97	0.57
YKCD105-331	330	1KHz, 0.25	±20	1.15	0.52
YKCD105-391	390	1KHz, 0.25	±20	1.30	0.48
YKCD105-471	470	1KHz, 0.25	±20	1.48	0.42
YKCD105-561	560	1KHz, 0.25	±20	1.90	0.33
YKCD105-681	680	1KHz, 0.25	±20	2.25	0.28
YKCD105-821	820	1KHz, 0.25	±20	2.55	0.24

Packaging/包装方式 750PCS/REEL



FEATURES:

- Silver plated type, Low cost design.
- High power, high saturation inductors.
- Available on tape and reel for auto surface mounting.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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 100 kHz/1KHz.
 - 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/1KHz.
 - 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℃)

