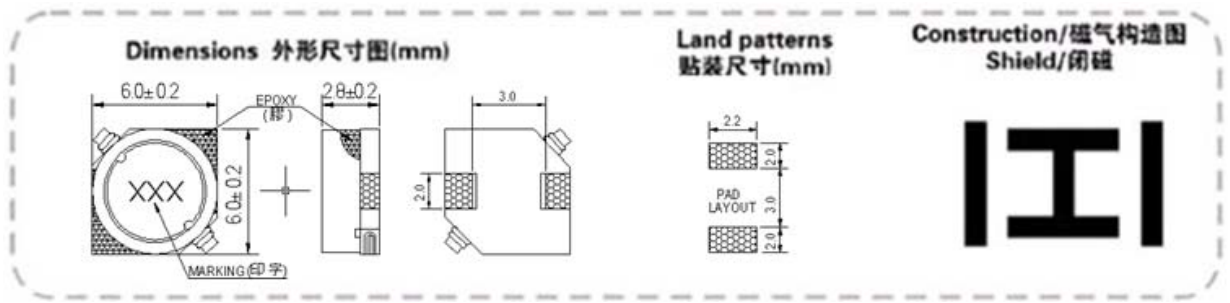


YKCDS0628



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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。

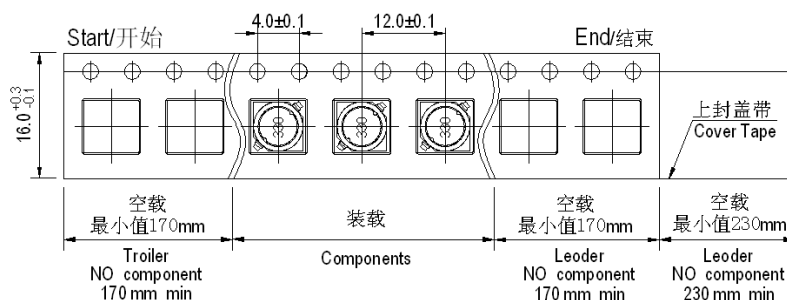
Inductance Range/电感范围:4.7μH~100μH.

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 Resutance 直流电阻Max (Ω)	Rated Current 额定电流(A)
YKCDS0628-4R7N	4.7	1KHz,0.5	±30	0.036	1.60
YKCDS0628-6R8N	6.8	1KHz,0.5	±30	0.052	1.50
YKCDS0628-100N	10	1KHz,0.5	±30	0.068	1.30
YKCDS0628-150N	15	1KHz,0.5	±30	0.100	1.00
YKCDS0628-220N	22	1KHz,0.5	±30	0.120	0.77
YKCDS0628-330N	33	1KHz,0.5	±30	0.180	0.69
YKCDS0628-470N	47	1KHz,0.5	±30	0.270	0.59
YKCDS0628-680N	68	1KHz,0.5	±30	0.390	0.50
YKCDS0628-101N	100	1KHz,0.5	±30	0.620	0.42

Packaging/包装方式 1000PCS/REEL



FEATURES:

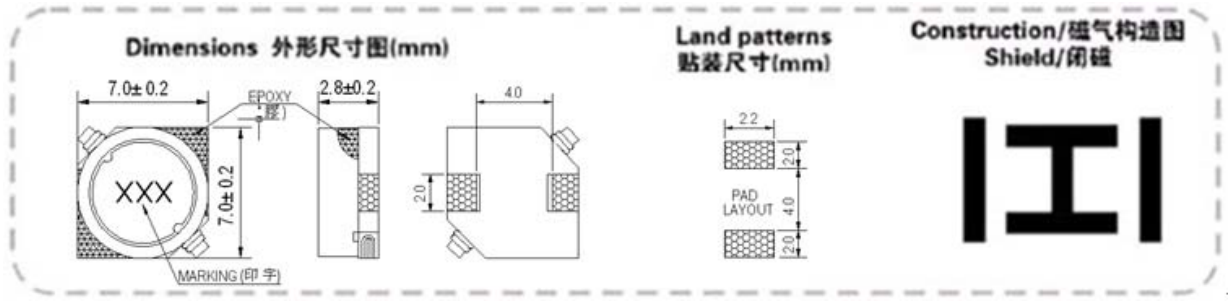
- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV Notebook/PDA/MP3-MP4player/Digitalcamera /Portable CDR-W etc.

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。
 - 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℃)



YKCDS0728



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:3.3μH~47μH.

Temperature Range/使用温度: -30℃~100℃.

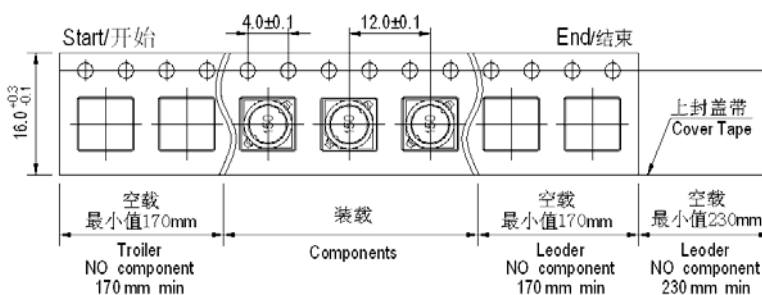
Electrical Characteristics/电气特性

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)
YKCDS0728-3R3N	3.3	1KHz,0.5	±30	0.037	1.60
YKCDS0728-4R7N	4.7	1KHz,0.5	±30	0.045	1.50
YKCDS0728-6R8N	6.8	1KHz,0.5	±30	0.590	1.30
YKCDS0728-100N	10	1KHz,0.5	±30	0.083	1.10
YKCDS0728-150N	15	1KHz,0.5	±30	0.130	0.88
YKCDS0728-220N	22	1KHz,0.5	±30	0.180	0.75
YKCDS0728-330N	33	1KHz,0.5	±30	0.240	0.65
YKCDS0728-470N	47	1KHz,0.5	±30	0.340	0.54

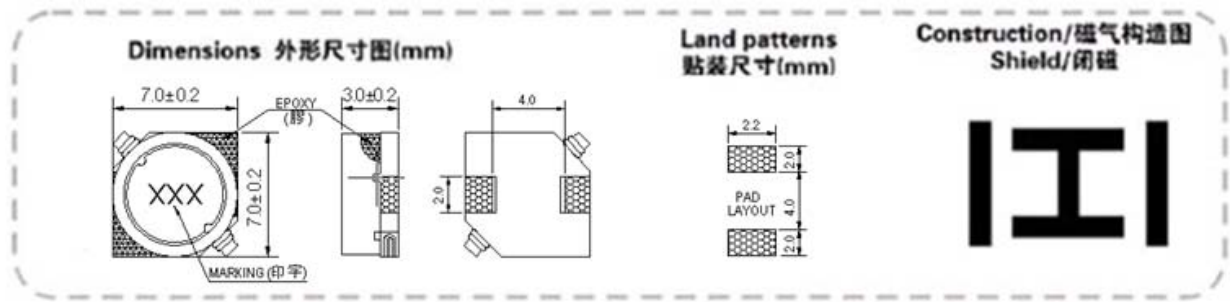
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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。
 - 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 1000PCS/REEL



YKCDS0730



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:3.3μH~100μH.

Temperature Range/使用温度: -30℃~100℃.

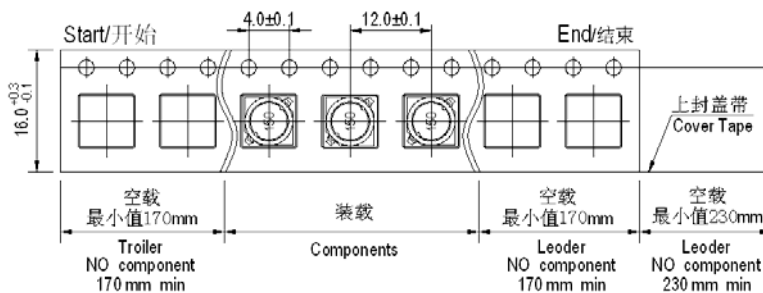
Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resutance 直流电阻Max (Ω)	Rated Current 额定电流(A)
YKCDS0730-3R3N	3.3	1KHz,0.5	±30	0.023	1.80
YKCDS0730-4R7N	4.7	1KHz,0.5	±30	0.036	1.60
YKCDS0730-6R8N	6.8	1KHz,0.5	±30	0.041	1.50
YKCDS0730-100N	10	1KHz,0.5	±30	0.053	1.30
YKCDS0730-150N	15	1KHz,0.5	±30	0.084	1.00
YKCDS0730-220N	22	1KHz,0.5	±30	0.110	0.86
YKCDS0730-330N	33	1KHz,0.5	±30	0.160	0.65
YKCDS0730-470N	47	1KHz,0.5	±30	0.240	0.57
YKCDS0730-680N	68	1KHz,0.5	±30	0.310	0.49
YKCDS0730-101N	100	1KHz,0.5	±30	0.450	0.35

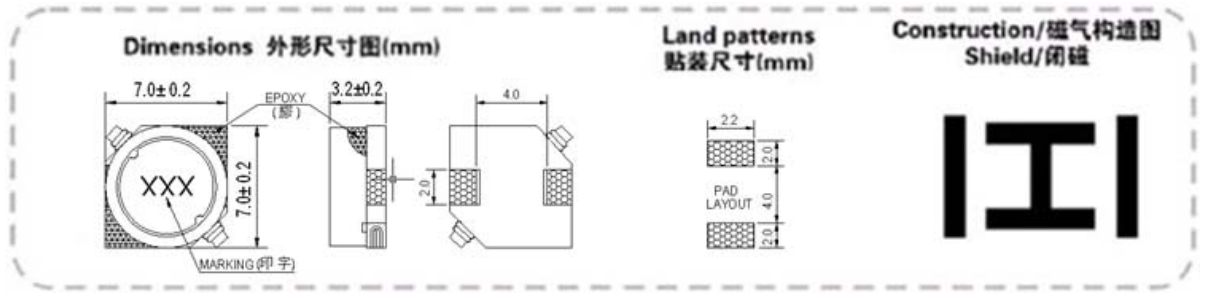
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 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。
 - 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 1000PCS/REEL



YKCDS0732



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:3.3μH~1000μH.

Temperature Range/使用温度: -30℃~100℃.

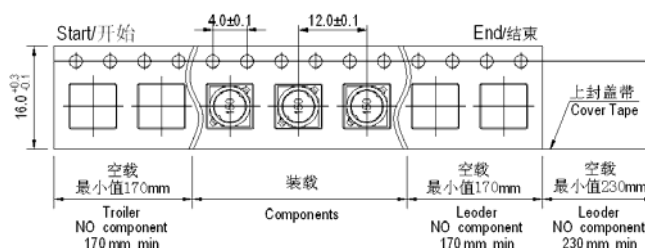
Electrical Characteristics/电气特性

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)
YKCDS0732-3R3N	3.3	1KHz,0.5	±30	0.023	1.9
YKCDS0732-4R7N	4.7	1KHz,0.5	±30	0.036	1.7
YKCDS0732-6R8N	6.8	1KHz,0.5	±30	0.041	1.6
YKCDS0732-100N	10	1KHz,0.5	±30	0.053	1.4
YKCDS0732-150N	15	1KHz,0.5	±30	0.075	1.1
YKCDS0732-220N	22	1KHz,0.5	±30	0.11	0.96
YKCDS0732-330N	33	1KHz,0.5	±30	0.16	0.75
YKCDS0732-470N	47	1KHz,0.5	±30	0.24	0.67
YKCDS0732-680N	68	1KHz,0.5	±30	0.31	0.59
YKCDS0732-101N	100	1KHz,0.5	±30	0.45	0.45
YKCDS0732-151N	150	1KHz,0.5	±30	0.65	0.37
YKCDS0732-221N	220	1KHz,0.5	±30	1.05	0.29
YKCDS0732-331N	330	1KHz,0.5	±30	1.67	0.22
YKCDS0732-471N	470	1KHz,0.5	±30	2.05	0.20
YKCDS0732-681N	680	1KHz,0.5	±30	3.15	0.16
YKCDS0732-102N	1000	1KHz,0.5	±30	4.78	0.13

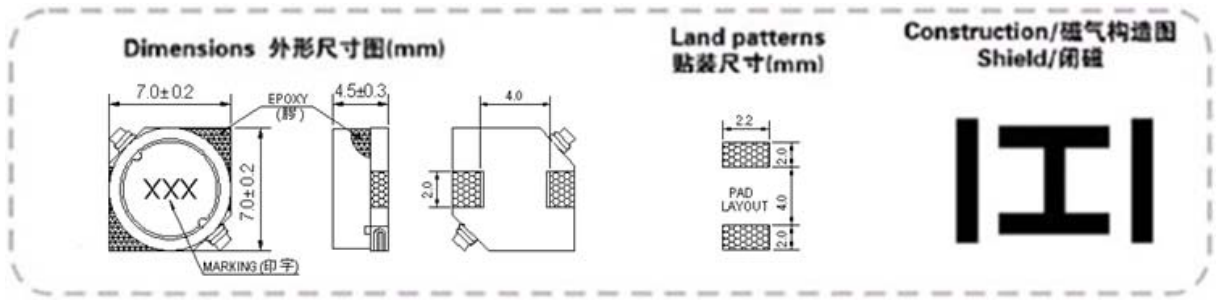
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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。
 - 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 1000PCS/REEL



YKCDS0745



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:3.3μH~1000μH.

Temperature Range/使用温度: -30℃~100℃.

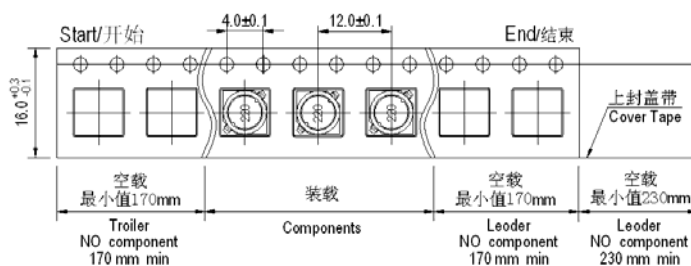
Electrical Characteristics/电气特性

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)
YKCDS0745-3R3N	3.3	1KHz,0.5	±30	0.200	2.50
YKCDS0745-4R7N	4.7	1KHz,0.5	±30	0.030	2.00
YKCDS0745-6R8N	6.8	1KHz,0.5	±30	0.039	1.70
YKCDS0745-100N	10	1KHz,0.5	±30	0.036	1.30
YKCDS0745-150N	15	1KHz,0.5	±30	0.052	1.10
YKCDS0745-220N	22	1KHz,0.5	±30	0.061	0.90
YKCDS0745-330N	33	1KHz,0.5	±30	0.096	0.82
YKCDS0745-470N	47	1KHz,0.5	±30	0.125	0.75
YKCDS0745-680N	68	1KHz,0.5	±30	0.175	0.60
YKCDS0745-101N	100	1KHz,0.5	±30	0.250	0.50
YKCDS0745-151N	150	1KHz,0.5	±30	0.340	0.40
YKCDS0745-221N	220	1KHz,0.5	±30	0.520	0.33
YKCDS0745-331N	330	1KHz,0.5	±30	0.740	0.25
YKCDS0745-471N	470	1KHz,0.5	±30	1.050	0.22
YKCDS07045681N	680	1KHz,0.5	±30	1.480	0.20
YKCDS0745102N	1000	1KHz,0.5	±30	2.280	0.14

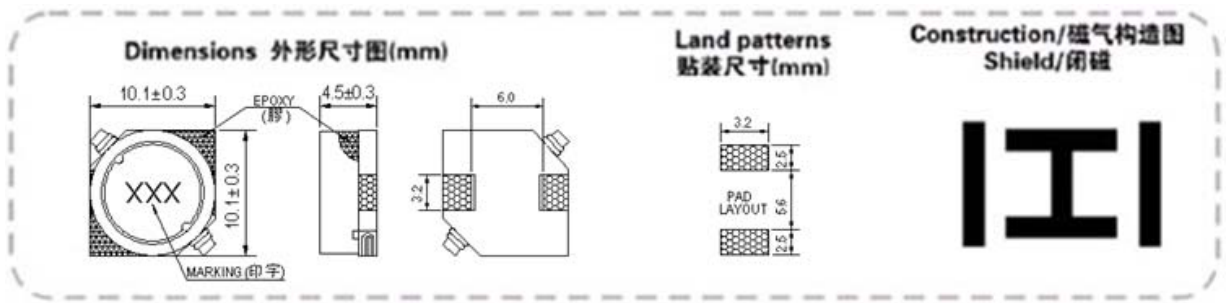
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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。
 - 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 1000PCS/REEL



YKCDS1045



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:10μH~1500μH.

Temperature Range/使用温度: -30℃~100℃.

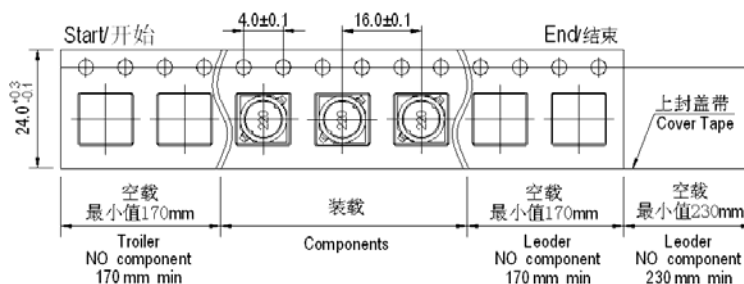
Electrical Characteristics/电气特性

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)
YKCDS1045-100N	10	1KHz,0.5	±30	0.036	3.00
YKCDS1045-150N	15	1KHz,0.5	±30	0.047	2.40
YKCDS1045-220N	22	1KHz,0.5	±30	0.059	2.10
YKCDS1045-330N	33	1KHz,0.5	±30	0.082	1.60
YKCDS1045-470N	47	1KHz,0.5	±30	0.10	1.40
YKCDS1045-680N	68	1KHz,0.5	±30	0.14	1.20
YKCDS1045-101N	100	1KHz,0.5	±30	0.20	1.00
YKCDS1045-151N	150	1KHz,0.5	±30	0.35	0.79
YKCDS1045-221N	220	1KHz,0.5	±30	0.47	0.65
YKCDS1045-331N	330	1KHz,0.5	±30	0.68	0.54
YKCDS1045-471N	470	1KHz,0.5	±30	1.03	0.47
YKCDS1045-681N	680	1KHz,0.5	±30	1.60	0.38
YKCDS1045-102N	1000	1KHz,0.5	±30	2.80	0.32
YKCDS1045-152N	1500	1KHz,0.5	±30	2.40	0.22

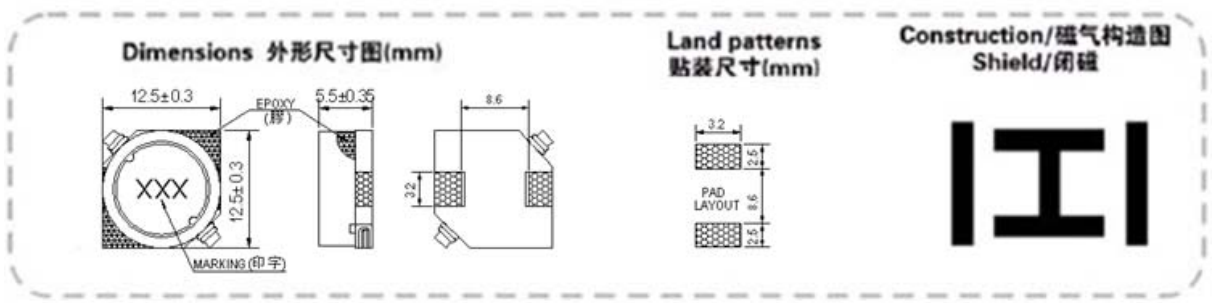
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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。
 - 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 750PCS/REEL



YKCDS1255



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:10μH~1500μH.

Temperature Range/使用温度: -30℃~100℃.

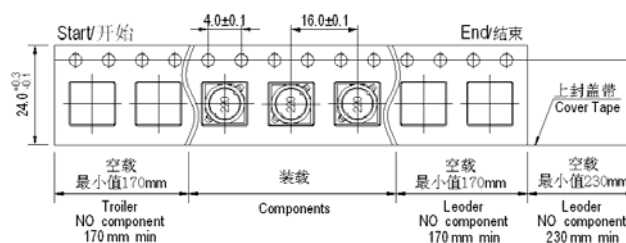
Electrical Characteristics/电气特性

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)
YKCDS1255-100N	10	1KHz,0.5	±30	0.021	3.4
YKCDS1255-152N	15	1KHz,0.5	±30	0.025	2.8
YKCDS1255-220N	22	1KHz,0.5	±30	0.033	2.3
YKCDS1255-330N	33	1KHz,0.5	±30	0.041	1.9
YKCDS1255-470N	47	1KHz,0.5	±30	0.061	1.6
YKCDS1255-680N	68	1KHz,0.5	±30	0.083	1.3
YKCDS1255-101N	100	1KHz,0.5	±30	0.117	1.1
YKCDS1255-151N	150	1KHz,0.5	±30	0.190	0.88
YKCDS1255-221N	220	1KHz,0.5	±30	0.270	0.72
YKCDS1255-331N	330	1KHz,0.5	±30	0.410	0.59
YKCDS1255-471N	470	1KHz,0.5	±30	0.520	0.49
YKCDS1255-681N	380	1KHz,0.5	±30	0.760	0.43
YKCDS1255-102N	1000	1KHz,0.5	±30	1.120	0.34
YKCDS1255-152N	1500	1KHz,0.5	±30	1.730	0.29

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。
 - 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℃)

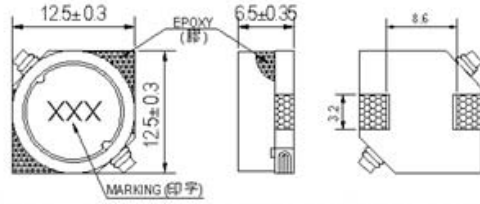
Packaging/包装方式 500 PCS/REEL



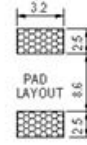
YKCDS1265



Dimensions 外形尺寸图(mm)



Land patterns 贴装尺寸(mm)



Construction/磁气构造图 Shield/闭磁



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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~220μH.

Temperature Range/使用温度: -30℃~100℃.

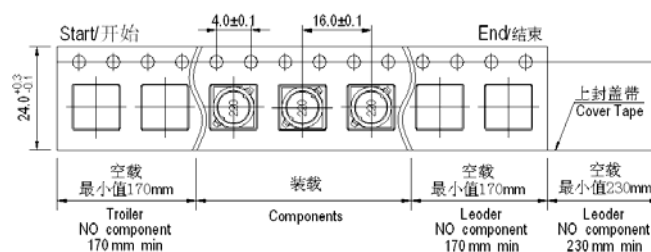
Electrical Characteristics/电气特性

Part No. 名称	Inductance 电感(μH)	Test Condition 测试条件	Tolerance 公差(%)	DC Resutance 直流电阻Max (Ω)	Rated Current 额定电流(A)
YKCDS1265-2R0N	2.0	1KHz,0.5	±30	0.011	10.0
YKCDS1265-4R2N	4.2	1KHz,0.5	±30	0.015	7.3
YKCDS1265-7R0N	7	1KHz,0.5	±30	0.017	5.7
YKCDS1265-100N	10	1KHz,0.5	±30	0.020	5.0
YKCDS1265-150N	15	1KHz,0.5	±30	0.023	4.2
YKCDS1265-220N	22	1KHz,0.5	±30	0.031	3.5
YKCDS1265-330N	33	1KHz,0.5	±30	0.040	2.8
YKCDS1265-470N	47	1KHz,0.5	±30	0.057	2.4
YKCDS1265-680N	68	1KHz,0.5	±30	0.078	2.0
YKCDS1265-101N	100	1KHz,0.5	±30	0.123	1.6
YKCDS1265-151N	150	1KHz,0.5	±30	0.273	1.0
YKCDS1265-221N	220	1KHz,0.5	±30	0.328	0.8

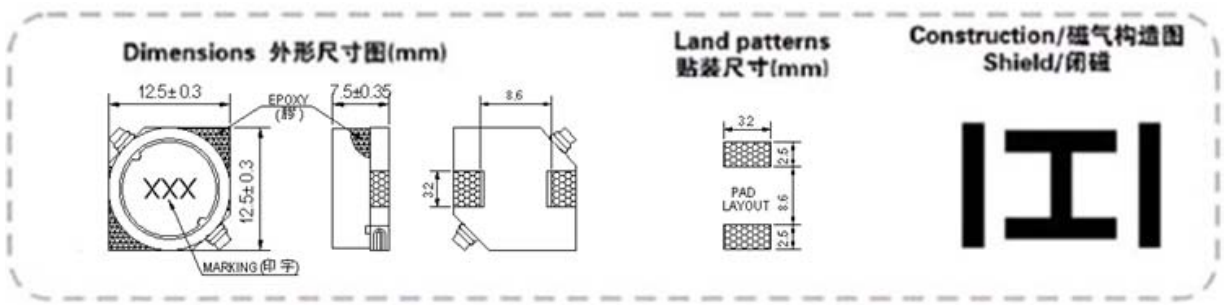
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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。
- 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 500 PCS/REEL



YKCDS1275



特征:

- 具有抗电磁干扰
- 大电流,低直流阻抗。
- 使用载带包装运用于 SMT。
- 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:

- With magnetic shield against radiation.
- High rated current & low DCR.
- Carrier tape packing, use for SMT.
- 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:1.2μH~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 Resutance 直流电阻Max (Ω)	Rated Current 额定电流(A)
YKCDS1275-1R2N	1.2	1KHz,0.5	±30	0.006	13.0
YKCDS1275-2R7N	2.7	1KHz,0.5	±30	0.009	10.0
YKCDS1275-3R9N	3.9	1KHz,0.5	±30	0.01	9.0
YKCDS1275-5R6N	5.6	1KHz,0.5	±30	0.011	7.8
YKCDS1275-6R8N	6.8	1KHz,0.5	±30	0.013	7.2
YKCDS1275-150N	15	1KHz,0.5	±30	0.018	4.7
YKCDS1275-220N	22	1KHz,0.5	±30	0.026	4.0
YKCDS1275-330N	33	1KHz,0.5	±30	0.039	3.2
YKCDS1275-470N	47	1KHz,0.5	±30	0.052	2.7
YKCDS1275-680N	68	1KHz,0.5	±30	0.077	2.0
YKCDS1275-101N	100	1KHz,0.5	±30	0.125	1.9
YKCDS1275-151N	150	1KHz,0.5	±30	0.175	1.5
YKCDS1275-221N	220	1KHz,0.5	±30	0.258	1.3

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。
 - 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 350 PCS/REEL

