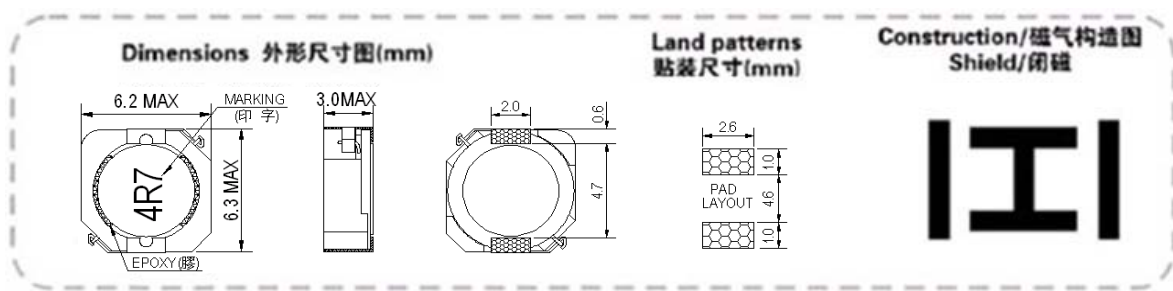


YKCDRH5D28R



特征:

- 具有抗电磁干扰。
- 直接连接电极在铁氧体磁心上。
- 具有高功率，强力高饱和电感器。
- 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.
- Directly connected electrode on ferrite core.
- High power, High saturation inductors.
- 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:2.5μH~100μH.

Temperature Range/使用温度: -30℃~100℃.

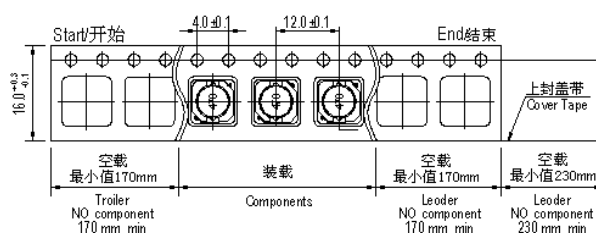
Electrical Characteristics/电气特性

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)
YKCDRH5D28R-2R5N	2.5	100KHz,0.1	±30	0.017	2.60
YKCDRH5D28R-3R3N	3.3	100KHz,0.1	±30	0.020	2.30
YKCDRH5D28R-4R0N	4.0	100KHz,0.1	±30	0.027	2.10
YKCDRH5D28R-5R0N	5.0	100KHz,0.1	±30	0.031	1.85
YKCDRH5D28R-6R0N	6.0	100KHz,0.1	±30	0.041	1.70
YKCDRH5D28R-8R0N	8.0	100KHz,0.1	±30	0.049	1.50
YKCDRH5D28R-100N	10	100KHz,0.1	±30	0.054	1.30
YKCDRH5D28R-120N	12	100KHz,0.1	±30	0.071	1.20
YKCDRH5D28R-150N	15	100KHz,0.1	±30	0.082	1.10
YKCDRH5D28R-180N	18	100KHz,0.1	±30	0.101	1.05
YKCDRH5D28R-220N	22	100KHz,0.1	±30	0.119	0.95
YKCDRH5D28R-270N	27	100KHz,0.1	±30	0.146	0.85
YKCDRH5D28R-330N	33	100KHz,0.1	±30	0.182	0.76
YKCDRH5D28R-390N	39	100KHz,0.1	±30	0.209	0.68
YKCDRH5D28R-470N	47	100KHz,0.1	±30	0.229	0.60
YKCDRH5D28R-560N	56	100KHz,0.1	±30	0.305	0.55
YKCDRH5D28R-680N	68	100KHz,0.1	±30	0.351	0.48
YKCDRH5D28R-820N	82	100KHz,0.1	±30	0.418	0.45
YKCDRH5D28R-101N	100	100KHz,0.1	±30	0.520	0.40

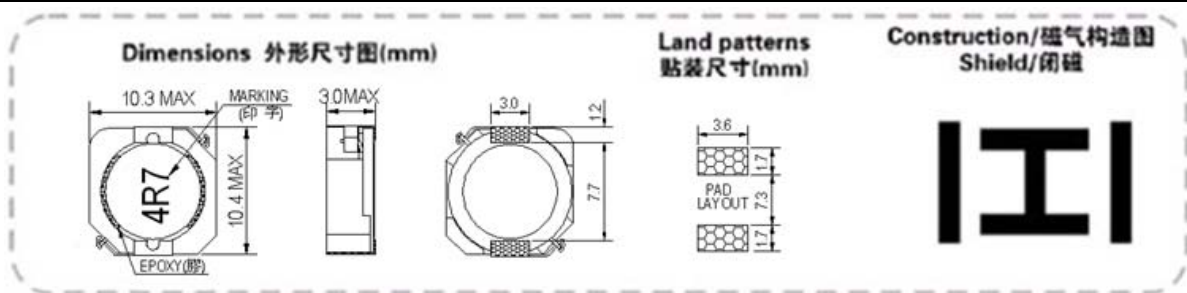
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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 750 PCS/REEL



YKCDRH103R



特征:

- 具有抗电磁干扰。
- 直接连接电极在铁氧体磁心上。
- 具有高功率，强力高饱和电感器。
- 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.
- Directly connected electrode on ferrite core.
- High power, High saturation inductors.
- 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:0.8μH~150μH.

Temperature Range/使用温度: -30℃~100℃.

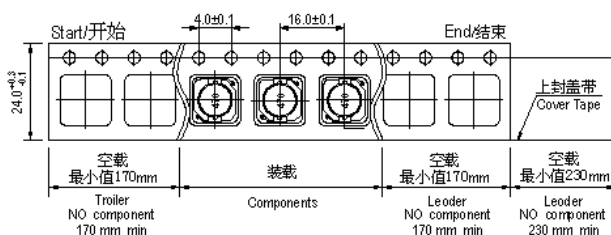
Electrical Characteristics/电气特性

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)
YKCDRH103R-0R8N	0.8	100KHz,0.1	±30	0.005	8.30
YKCDRH103R-1R5N	1.5	100KHz,0.1	±30	0.011	5.80
YKCDRH103R-2R2N	2.2	100KHz,0.1	±30	0.016	5.10
YKCDRH103R-3R3N	3.3	100KHz,0.1	±30	0.021	4.70
YKCDRH103R-4R7N	4.7	100KHz,0.1	±30	0.030	4.00
YKCDRH103R-6R8N	6.8	100KHz,0.1	±30	0.035	3.60
YKCDRH103R-8R2N	8.2	100KHz,0.1	±30	0.050	3.00
YKCDRH103R-100N	10	100KHz,0.1	±30	0.058	2.70
YKCDRH103R-120N	12	100KHz,0.1	±30	0.072	2.25
YKCDRH103R-150N	15	100KHz,0.1	±30	0.086	2.22
YKCDRH103R-180N	18	100KHz,0.1	±30	0.116	1.90
YKCDRH103R-220N	22	100KHz,0.1	±30	0.145	1.78
YKCDRH103R-270N	27	100KHz,0.1	±30	0.175	1.63
YKCDRH103R-330N	33	100KHz,0.1	±30	0.213	1.16
YKCDRH103R-390N	39	100KHz,0.1	±30	0.268	1.32
YKCDRH103R-470N	47	100KHz,0.1	±30	0.298	1.18
YKCDRH103R-560N	56	100KHz,0.1	±30	0.335	1.10
YKCDRH103R-680N	68	100KHz,0.1	±30	0.451	1.04
YKCDRH103R-820N	82	100KHz,0.1	±30	0.513	0.94
YKCDRH103R-101N	100	100KHz,0.1	±30	0.700	0.84
YKCDRH103R-121N	120	100KHz,0.1	±30	0.765	0.76
YKCDRH103R-151N	150	100KHz,0.1	±30	0.876	0.70

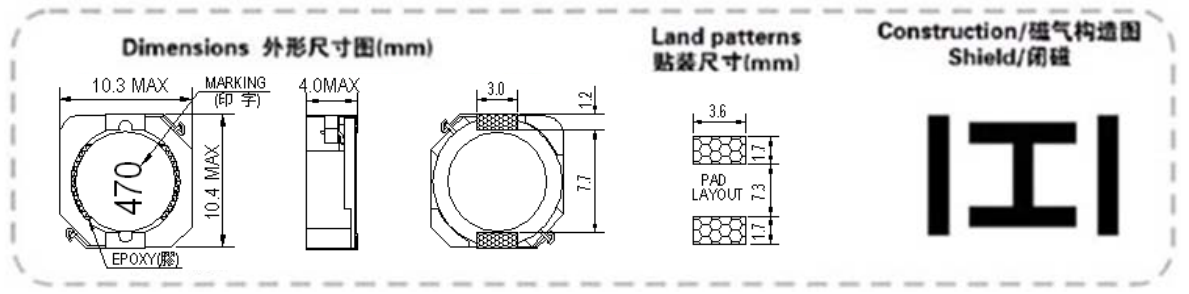
Sans Plomb (SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
pb 铅	Cd 镉	Cd 汞	六价铬 Cr+6	多溴联苯 PBBs	多溴联醚 PBDEs
<1000PPm	Nd	Nd	Nd	Nd	Nd

- 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 750 PCS/REEL



YKCDRH104R



特征:

- 具有抗电磁干扰。
- 直接连接电极在铁氧体磁心上。
- 具有高功率，强力高饱和电感器。
- 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.
- Directly connected electrode on ferrite core.
- High power, High saturation inductors.
- 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: 1.5μH~330μH.

Temperature Range/使用温度: -30℃~100℃.

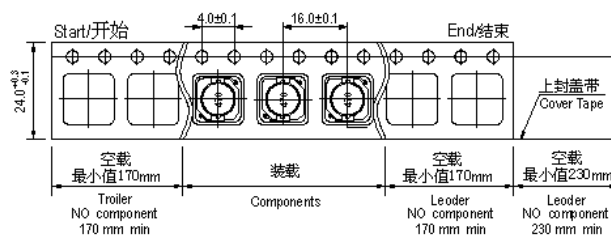
Electrical Characteristics/电气特性

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)
YKCDRH104R-1R5N	1.5	100KHz,0.1	±30	0.008	6.50
YKCDRH104R-2R5N	2.5	100KHz,0.1	±30	0.010	6.10
YKCDRH104R-3R8N	3.8	100KHz,0.1	±30	0.013	5.50
YKCDRH104R-5R2N	5.2	100KHz,0.1	±30	0.022	5.40
YKCDRH104R-100N	10	100KHz,0.1	±30	0.035	4.50
YKCDRH104R-150N	15	100KHz,0.1	±30	0.050	3.60
YKCDRH104R-220N	22	100KHz,0.1	±30	0.073	2.90
YKCDRH104R-330N	33	100KHz,0.1	±30	0.093	2.30
YKCDRH104R-470N	47	100KHz,0.1	±30	0.128	2.10
YKCDRH104R-680N	68	100KHz,0.1	±30	0.213	1.50
YKCDRH104R-101N	100	100KHz,0.1	±30	0.304	1.35
YKCDRH104R-151N	150	100KHz,0.1	±30	0.506	1.15
YKCDRH104R-221N	220	100KHz,0.1	±30	0.756	0.92
YKCDRH104R-331N	330	100KHz,0.1	±30	1.090	0.70

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℃)

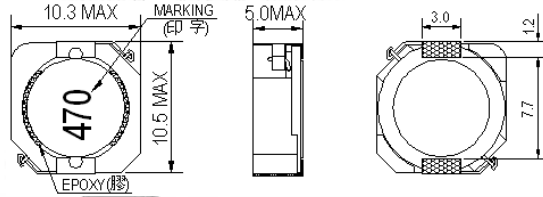
Packaging/包装方式 750 PCS/REEL



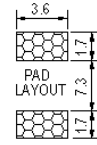
YKCDRH105R



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。
- 直接连接电极在铁氧体磁心上。
- 具有高功率，强力高饱和电感器。
- 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:10μH~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 Resistance 直流电阻Max(Ω)	Rated Current 额定电流(A)
YKCDRH105R-100N	10	100KHz,0.1	±30	0.250	3.45
YKCDRH105R-120N	12	100KHz,0.1	±30	0.032	3.40
YKCDRH105R-150N	15	100KHz,0.1	±30	0.040	2.83
YKCDRH105R-180N	18	100KHz,0.1	±30	0.046	2.62
YKCDRH105R-220N	22	100KHz,0.1	±30	0.058	2.44
YKCDRH105R-270N	27	100KHz,0.1	±30	0.650	2.24
YKCDRH105R-330N	33	100KHz,0.1	±30	0.810	1.88
YKCDRH105R-390N	39	100KHz,0.1	±30	0.103	1.70
YKCDRH105R-470N	47	100KHz,0.1	±30	0.122	1.56
YKCDRH105R-560N	56	100KHz,0.1	±30	0.144	1.39
YKCDRH105R-680N	68	100KHz,0.1	±30	0.193	1.36
YKCDRH105R-820N	82	100KHz,0.1	±30	0.219	1.20
YKCDRH105R-101N	100	100KHz,0.1	±30	0.247	1.09
YKCDRH105R-121N	120	100KHz,0.1	±30	0.298	1.00
YKCDRH105R-151N	150	100KHz,0.1	±30	0.355	0.91
YKCDRH105R-181N	180	100KHz,0.1	±30	0.393	0.84
YKCDRH105R-221N	220	100KHz,0.1	±30	0.483	0.75
YKCDRH105R-271N	270	100KHz,0.1	±30	0.632	0.68
YKCDRH105R-331N	330	100KHz,0.1	±30	0.780	0.60
YKCDRH105R-391N	390	100KHz,0.1	±30	0.957	0.57
YKCDRH105R-471N	470	100KHz,0.1	±30	1.220	0.50
YKCDRH105R-561N	560	100KHz,0.1	±30	1.352	0.47
YKCDRH105R-681N	680	100KHz,0.1	±30	1.519	0.43
YKCDRH105R-821N	820	100KHz,0.1	±30	1.694	0.39
YKCDRH105R-102N	1000	100KHz,0.1	±30	1.946	0.35

FEATURES:

- With magnetic shield against radiation.
- Directly connected electrode on ferrite core.
- High power ,High saturation inductors.
- 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℃)

Packaging/包装方式 750 PCS/REEL

