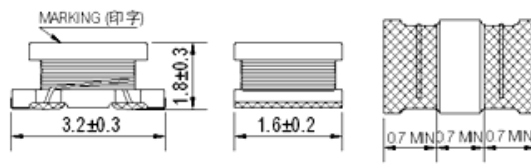


YKSR321618C



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:

- YKSR321618C 具有高 Q 值、高频、直流电阻。
- 产品小型化，方形 3.2mm*1.6mm,高度 2.1MAX。
- 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。

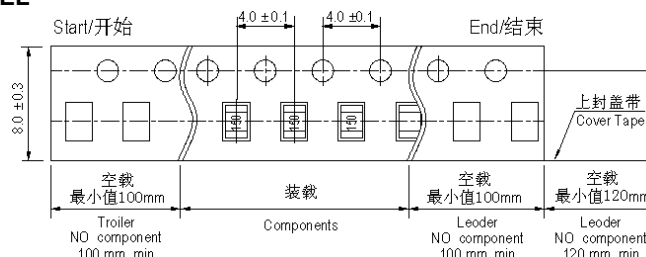
Inductance Range/电感范围:1.0μH~220μH.

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)
YKSR321618C-1R0	1.0	100KHz,0.25	±20	0.49	0.175
YKSR321618C-1R5	1.5	100KHz,0.25	±20	0.52	0.155
YKSR321618C-1R8	1.8	100KHz,0.25	±20	0.53	0.150
YKSR321618C-2R2	2.2	100KHz,0.25	±20	0.54	0.140
YKSR321618C-2R7	2.7	100KHz,0.25	±20	0.55	0.135
YKSR321618C-3R3	3.3	100KHz,0.25	±20	0.61	0.130
YKSR321618C-4R7	4.7	100KHz,0.25	±20	1.70	0.120
YKSR321618C-5R6	5.6	100KHz,0.25	±20	1.80	0.115
YKSR321618C-6R8	6.8	100KHz,0.25	±20	2.00	0.110
YKSR321618C-8R2	8.2	100KHz,0.25	±20	2.20	0.105
YKSR321618C-100	10	10KHz,0.25	±20	2.50	0.100
YKSR321618C-150	15	10KHz,0.25	±20	2.90	0.090
YKSR321618C-180	18	10KHz,0.25	±20	3.00	0.085
YKSR321618C-220	22	10KHz,0.25	±20	3.10	0.085
YKSR321618C-270	27	10KHz,0.25	±20	3.40	0.080
YKSR321618C-330	33	10KHz,0.25	±20	3.80	0.075
YKSR321618C-390	39	10KHz,0.25	±20	4.50	0.075
YKSR321618C-470	47	10KHz,0.25	±20	6.30	0.055
YKSR321618C-560	56	10KHz,0.25	±20	7.10	0.050
YKSR321618C-680	68	10KHz,0.25	±20	7.90	0.045
YKSR321618C-820	82	10KHz,0.25	±20	8.70	0.045
YKSR321618C-101	100	1KHz,0.25	±20	11.57	0.045
YKSR321618C-121	120	10KHz,0.25	±20	14.20	0.020
YKSR321618C-151	150	10KHz,0.25	±20	15.03	0.015
YKSR321618C-181	180	10KHz,0.25	±20	16.60	0.013
YKSR321618C-221	220	10KHz,0.25	±20	26.46	0.012

Packaging/包装方式 2000PCS/REEL



FEATURES:

- YKSR321618C are high Q value at high frequencies and low DC resistance.
- Small product, quadrate 3.2mm*1.6mm Height 2.1mm MAX
- Carrier tape packing, use for SMT.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDAMP3-MP4player/Digitalcamera /Portable CDR-W et

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

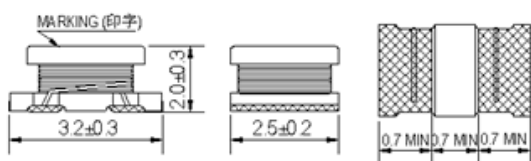
- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100 kHz/1KHz.
 - 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
 - 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial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



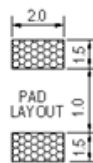
YKSR322520C



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:

- YKSR322520C 具有高 Q 值、高频、直流电阻。
- 产品小型化，方形 3.2mm*2.5mm,高度 2.3MAX。
- 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。

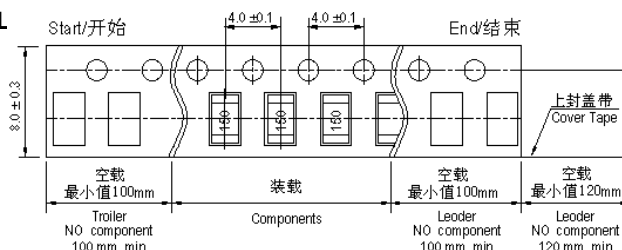
Inductance Range/电感范围:1.0μH~560μH.

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	Rated Current 额定电流(A)
YKSR322520C-1R0	1.0	100KHz,0.25	±20	0.50	0.450
YKSR322520C-1R5	1.5	100KHz,0.25	±20	0.60	0.400
YKSR322520C-1R8	1.8	100KHz,0.25	±20	0.70	0.390
YKSR322520C-2R2	2.2	100KHz,0.25	±20	0.80	0.370
YKSR322520C-2R7	2.7	100KHz,0.25	±20	0.90	0.320
YKSR322520C-3R3	3.3	100KHz,0.25	±20	1.00	0.300
YKSR322520C-4R7	4.7	100KHz,0.25	±20	1.20	0.270
YKSR322520C-5R6	5.6	100KHz,0.25	±20	1.30	0.250
YKSR322520C-6R8	6.8	100KHz,0.25	±20	1.50	0.240
YKSR322520C-8R2	8.2	100KHz,0.25	±20	1.60	0.225
YKSR322520C-100	10	10KHz,0.25	±20	1.80	0.190
YKSR322520C-150	15	10KHz,0.25	±20	2.20	0.170
YKSR322520C-180	18	10KHz,0.25	±20	2.50	0.165
YKSR322520C-220	22	10KHz,0.25	±20	2.80	0.150
YKSR322520C-270	27	10KHz,0.25	±20	3.10	0.125
YKSR322520C-330	33	10KHz,0.25	±20	3.50	0.115
YKSR322520C-390	39	10KHz,0.25	±20	3.90	0.110
YKSR322520C-470	47	10KHz,0.25	±20	4.30	0.100
YKSR322520C-560	56	10KHz,0.25	±20	4.90	0.085
YKSR322520C-680	68	10KHz,0.25	±20	5.50	0.080
YKSR322520C-820	82	10KHz,0.25	±20	6.20	0.070
YKSR322520C-101	100	10KHz,0.25	±20	7.00	0.080
YKSR322520C-121	120	10KHz,0.25	±20	8.00	0.075
YKSR322520C-151	150	10KHz,0.25	±20	9.30	0.070
YKSR322520C-181	180	10KHz,0.25	±20	10.2	0.065
YKSR322520C-221	220	10KHz,0.25	±20	11.8	0.065
YKSR322520C-271	270	10KHz,0.25	±20	12.5	0.065
YKSR322520C-331	330	10KHz,0.25	±20	13.0	0.065
YKSR322520C-391	390	10KHz,0.25	±20	22.0	0.050
YKSR322520C-471	470	10KHz,0.25	±20	25.0	0.045
YKSR322520C-561	560	10KHz,0.25	±20	28.0	0.040

Packaging/包装方式 2000PCS/REEL



FEATURES:

- YKSR322520C are high Q value at high frequencies and low DC resistance.
- Small product, quadrate 3.2mm*2.5mm Height 2.3mm MAX
- Carrier tape packing, use for SMT.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDAMP3-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

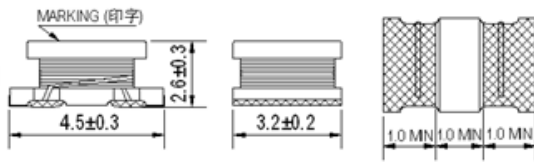
- 1、Inductance is measured with a LCR meter: VR1153 LCR +DCR or equivalent. Test frequency at 100 kHz/1KHz.
 - 2、DC resistance is measured with a Digital Multimeter VR1153 LCR+DCR or equivalent.
 - 3、The DC Bias test with VR1153 & VR7210, The maximum allowable current is a DC current which causes initial inductance to decrease by 25%. or temperature to rise by 40°C, whichever is smaller. (At ambient reference temperature: 20°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°C时取其小值作为最大容许电流。(周围环境温度 20°C)



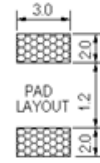
YKSR453226C



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:

- YKSR453226C 具有高 Q 值、高频、直流电阻。
- 产品小型化，方形 4.5mm*3.2mm,高度 2.9MAX。
- 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:1.0μH~2200μH.

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)
YKSR453226C-1R0	1.0	100KHz,0.25	±20	0.20	0.50
YKSR453226C-2R2	2.2	100KHz,0.25	±20	0.30	0.50
YKSR453226C-2R7	2.7	100KHz,0.25	±20	0.32	0.50
YKSR453226C-3R3	3.3	100KHz,0.25	±20	0.35	0.50
YKSR453226C-4R7	4.7	100KHz,0.25	±20	0.40	0.50
YKSR453226C-5R6	5.6	100KHz,0.25	±20	0.47	0.50
YKSR453226C-6R8	6.8	100KHz,0.25	±20	0.50	0.45
YKSR453226C-100	10	10KHz,0.25	±20	0.56	0.40
YKSR453226C-150	15	10KHz,0.25	±20	0.73	0.36
YKSR453226C-220	22	10KHz,0.25	±20	0.94	0.32
YKSR453226C-330	33	10KHz,0.25	±20	1.20	0.27
YKSR453226C-470	47	10KHz,0.25	±20	1.50	0.22
YKSR453226C-560	56	10KHz,0.25	±20	1.70	0.20
YKSR453226C-680	68	10KHz,0.25	±20	1.90	0.18
YKSR453226C-820	82	10KHz,0.25	±20	2.20	0.17
YKSR453226C-101	100	1KHz,0.25	±20	2.50	0.16
YKSR453226C-151	150	1KHz,0.25	±20	3.70	0.13
YKSR453226C-221	220	1KHz,0.25	±20	5.40	0.11
YKSR453226C-331	330	1KHz,0.25	±20	8.20	0.095
YKSR453226C-471	470	1KHz,0.25	±20	11.8	0.080
YKSR453226C-561	560	1KHz,0.25	±20	14.5	0.070
YKSR453226C-681	680	1KHz,0.25	±20	17.0	0.065
YKSR453226C-821	820	1KHz,0.25	±20	20.5	0.060
YKSR453226C-102	1000	1KHz,0.25	±20	25.0	0.050
YKSR453226C-122	1200	1KHz,0.25	±20	30.0	0.045
YKSR453226C-152	1500	1KHz,0.25	±20	37.0	0.040
YKSR453226C-182	1800	1KHz,0.25	±20	45.0	0.035
YKSR453226C-222	2200	1KHz,0.25	±20	50.0	0.030

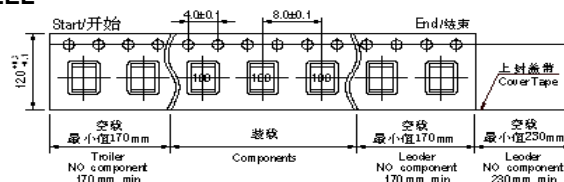
FEATURES:

- YKSR453226C are high Q value at high frequencies and low DC resistance.
- Small product, quadrate 4.5mm*3.2mm Height 2.9mm MAX
- 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/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℃)

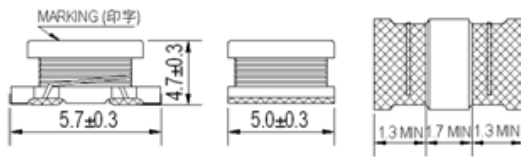
Packaging/包装方式 1000PCS/REEL



YKSR575047C



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:

- YKSR575047C 具有高 Q 值、高频、直流电阻。
- 产品小型化，方形 5.7mm*5.0mm,高度 5.0MAX。
- 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。

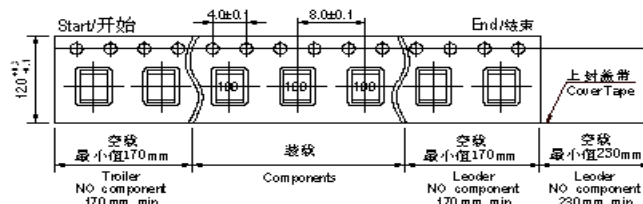
Inductance Range/电感范围:0.12μH~10000μH.

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)
YKSR575047C-R12	0.12	100KHz,0.25	±20	0.0098	6.00
YKSR575047C-R27	0.27	100KHz,0.25	±20	0.0140	5.30
YKSR575047C-R47	0.47	100KHz,0.25	±20	0.0182	4.80
YKSR575047C-1R0	1.0	100KHz,0.25	±20	0.0270	4.00
YKSR575047C-1R5	1.5	100KHz,0.25	±20	0.0310	3.70
YKSR575047C-2R2	2.2	100KHz,0.25	±20	0.0410	3.20
YKSR575047C-3R3	3.3	100KHz,0.25	±20	0.0500	2.90
YKSR575047C-4R7	4.7	100KHz,0.25	±20	0.0574	2.70
YKSR575047C-6R8	6.8	100KHz,0.25	±20	0.1040	2.00
YKSR575047C-100	10	10KHz,0.25	±20	0.130	1.70
YKSR575047C-150	15	10KHz,0.25	±20	0.210	1.40
YKSR575047C-220	22	10KHz,0.25	±20	0.266	1.20
YKSR575047C-330	33	10KHz,0.25	±20	0.448	0.90
YKSR575047C-470	47	10KHz,0.25	±20	0.560	0.80
YKSR575047C-680	68	10KHz,0.25	±20	0.938	0.64
YKSR575047C-101	100	1KHz,0.25	±20	1.204	0.56
YKSR575047C-151	150	1KHz,0.25	±20	2.660	0.42
YKSR575047C-221	220	1KHz,0.25	±20	3.360	0.32
YKSR575047C-331	330	1KHz,0.25	±20	6.160	0.27
YKSR575047C-471	470	1KHz,0.25	±20	7.560	0.24
YKSR575047C-681	680	1KHz,0.25	±20	11.34	0.19
YKSR575047C-102	1000	1KHz,0.25	±20	14.42	0.15
YKSR575047C-222	2200	1KHz,0.25	±20	30.10	0.10
YKSR575047C-472	4700	1KHz,0.25	±20	61.04	0.07
YKSR575047C-103	10000	1KHz,0.25	±20	140.0	0.05

Packaging/包装方式 500PCS/REEL



FEATURES:

- YKSR575047C are high Q value at high frequencies and low DC resistance.
- Small product, quadrate 5.7mm*5.0mm Height 5.0mm MAX
- Carrier tape packing, use for SMT.
- Suitable for reflow soldering.
- Widely use in DC-DC converter /LCD TV/ Notebook/PDAMP3-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℃)

