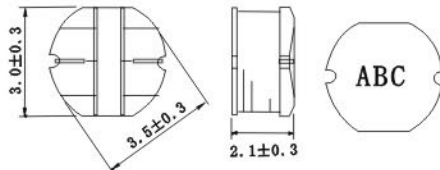


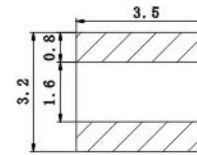
SD32



Dimensions 外形尺寸图(mm)



Land patterns 贴装尺寸(mm)



Construction/磁气构造图 Unshield/开磁



FEATURES:

- ▶ Quantity/reel:2,500PCS.
- ▶ Small product,rotundity 3.5mm type (3.8mm Maximum) Height 2.1mm TYP.
- ▶ Carrier tape packing, use for SMT.
- ▶ Suitable for reflow soldering.
- ▶ Widely use in DC-DC converter/LCD TV/Notebook/PDA/MP3-MP4 player/Digital camera/Portable CDR-W etc.

特长:

- ▶ 数量/卷: 2,500PCS。
- ▶ 产品小型化, 圆形3.5mm(3.8mm Max)高度2.1mm TYP。
- ▶ 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。

Electrical Characteristics/电气特性

Model No. 部品名	Test Condition 测试条件	Inductance 电感(μH)	Tolerance 公差(%)	DC resutance 直流电阻 MAX(Ω)	Rated current 额定电流(A)
SD32-1R0MC	100KHz,0.3V	1.0	±20	0.035	3.34
SD32-2R2MC	100KHz,0.3V	2.2	±20	0.059	2.35
SD32-3R3MC	100KHz,0.3V	3.3	±20	0.098	1.83
SD32-4R7MC	100KHz,0.3V	4.7	±20	0.137	1.50
SD32-5R6MC	100KHz,0.3V	5.6	±20	0.157	1.36
SD32-6R8MC	100KHz,0.3V	6.8	±20	0.196	1.22
SD32-8R2MC	100KHz,0.3V	8.2	±20	0.230	1.09
SD32-100MC	1KHz,0.3V	10.0	±20	0.286	0.95
SD32-120MC	1KHz,0.3V	12.0	±20	0.322	0.88
SD32-150MC	1KHz,0.3V	15.0	±20	0.398	0.82
SD32-180MC	1KHz,0.3V	18.0	±20	0.520	0.76
SD32-220MC	1KHz,0.3V	22.0	±20	0.660	0.63
SD32-270MC	1KHz,0.3V	27.0	±20	0.760	0.62
SD32-330MC	1KHz,0.3V	33.0	±20	0.870	0.56
SD32-390MC	1KHz,0.3V	39.0	±20	1.100	0.51
SD32-470MC	1KHz,0.3V	47.0	±20	1.250	0.47
SD32-560MC	1KHz,0.3V	56.0	±20	1.590	0.42
SD32-680MC	1KHz,0.3V	68.0	±20	1.820	0.38
SD32-820MC	1KHz,0.3V	82.0	±20	2.440	0.34
SD32-101MC	1KHz,0.3V	100.0	±20	2.840	0.31
SD32-121MC	1KHz,0.3V	120.0	±20	3.190	0.28
SD32-151MC	1KHz,0.3V	150.0	±20	4.200	0.16
SD32-181MC	1KHz,0.3V	180.0	±20	5.110	0.15
SD32-221MC	1KHz,0.3V	220.0	±20	7.310	0.14
SD32-271MC	1KHz,0.3V	270.0	±20	8.240	0.12
SD32-331MC	1KHz,0.3V	330.0	±20	10.19	0.10

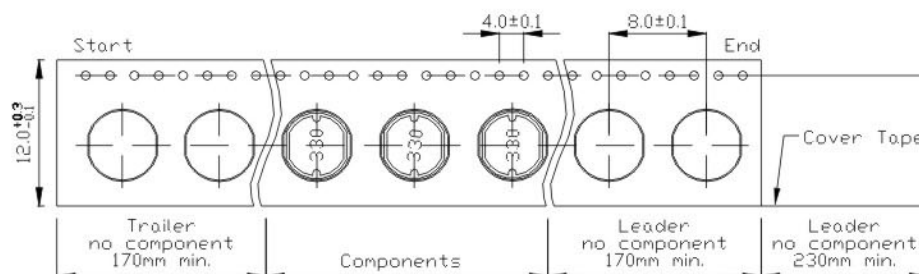
Inductance Range/电感范围: 1.0~330 μH
Temperature Range/使用温度: -30~100°C

RoHS Compliant(SGS Certified Result) 本产品满足环境保护要求(有害物质限用)					
Pb 铅	Cd 镉	Hg 汞	六价铬 Cr ⁶⁺	多溴联苯 PBBs	多溴联苯醚 PBDEs
<1000ppm	Nd	Nd	Nd	Nd	Nd

- (1) Inductance is measured with a LCR meter: HP4284A(Agilent)/3532-50(HIOKI) or equivalent. Test frequency at 100kHz/1KHz.
- (2) DC resistance is measured with a Digital Multimeter TH2512B(TongHui) or equivalent.
- (3) The DC Bias test with TH2817&TH1775(TongHui)
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:HP4284A(Agilent)/3532-50(HIOKI)或同等LCR Meter。测试频率100KHz/1KHz。
- (2) 直流电阻测试仪:TH2512B或同等的DCR测试设备。
- (3) 最大容许电流测试:TH2817&TH1775;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)

Packaging /包装方式



2500PCS/REEL
2REEL/内盒
5内盒/箱

净重: 2.05KG/箱
毛重: 7.75KG/箱