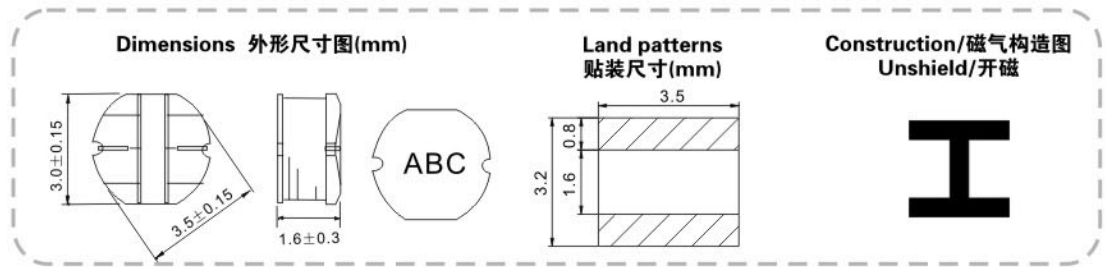


SD31B



FEATURES:

- ▶ Quantity/reel:3,000PCS.
- ▶ Small product, rotundity 3.5mm type (3.65mm Maximum) Height 1.6mm 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: 3,000PCS。
- ▶ 产品小型化, 圆形3.5mm(3.65mm Max)高度1.6mm 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 resistance 直流电阻 MAX(Ω)	Rated current 额定电流(A)
SD31B-1R0MC	100KHz,0.3V	1.0	±20	0.048	1.600
SD31B-1R5MC	100KHz,0.3V	1.5	±20	0.100	1.550
SD31B-2R2MC	100KHz,0.3V	2.2	±20	0.078	1.470
SD31B-3R3MC	100KHz,0.3V	3.3	±20	0.126	1.340
SD31B-3R9MC	100KHz,0.3V	3.9	±20	0.140	1.240
SD31B-4R7MC	100KHz,0.3V	4.7	±20	0.158	1.220
SD31B-5R6MC	100KHz,0.3V	5.6	±20	0.186	1.090
SD31B-6R8MC	100KHz,0.3V	6.8	±20	0.213	0.960
SD31B-8R2MC	100KHz,0.3V	8.2	±20	0.238	0.840
SD31B-100MC	1KHz,0.3V	10.0	±20	0.307	0.700
SD31B-120MC	1KHz,0.3V	12.0	±20	0.372	0.650
SD31B-150MC	1KHz,0.3V	15.0	±20	0.466	0.590
SD31B-180MC	1KHz,0.3V	18.0	±20	0.515	0.540
SD31B-220MC	1KHz,0.3V	22.0	±20	0.656	0.480
SD31B-270MC	1KHz,0.3V	27.0	±20	0.774	0.430
SD31B-330MC	1KHz,0.3V	33.0	±20	1.021	0.370
SD31B-390MC	1KHz,0.3V	39.0	±20	1.122	0.320
SD31B-470MC	1KHz,0.3V	47.0	±20	1.509	0.260
SD31B-560MC	1KHz,0.3V	56.0	±20	1.675	0.240
SD31B-680MC	1KHz,0.3V	68.0	±20	1.919	0.230
SD31B-820MC	1KHz,0.3V	82.0	±20	2.644	0.210
SD31B-101MC	1KHz,0.3V	100.0	±20	2.870	0.190
SD31B-121MC	1KHz,0.3V	120.0	±20	4.084	0.170
SD31B-151MC	1KHz,0.3V	150.0	±20	4.774	0.160
SD31B-181MC	1KHz,0.3V	180.0	±20	5.699	0.140

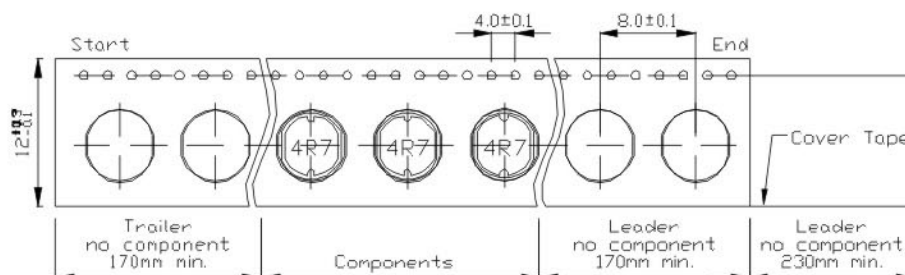
Inductance Range/电感范围: 1.0~180 μH
Temperature Range/使用温度: -30~100°C

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



3000PCS/REEL
2REEL/内盒
5内盒/箱
净重: 1.98KG/箱
毛重: 7.68KG/箱