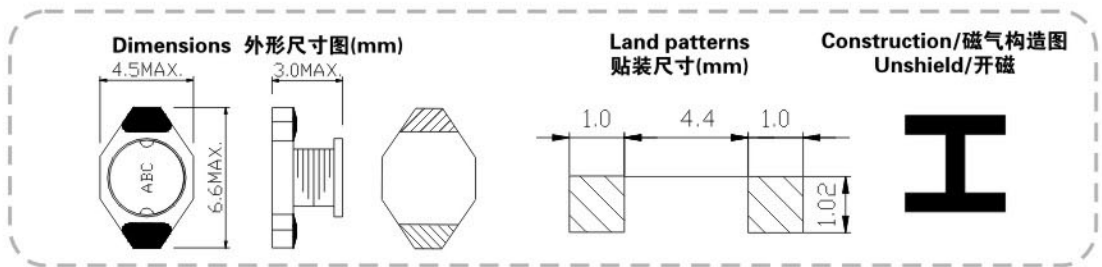


**SDC4530C**



**FEATURES:**

- ▶ Quantity/reel: 2,000PCS.
- ▶ Small product, elliptic 4.5mm\*6.6mm Height 3.0mm MAX.
- ▶ Carrier tape packing, use for SMT.
- ▶ Suitable for reflow soldering.
- ▶ Widely use in Digital camera & scanner/DC-DC converter/CD-ROM & DVD/Laptop & Notebook/Battery powered equipment etc.

**特长:**

- ▶ 数量/卷: 2,000PCS。
- ▶ 产品小型化, 椭圆形4.5mm\*6.6mm 高度3.0mm MAX。
- ▶ 使用载带包装运用于SMT。
- ▶ 适用于回流焊SMT工艺。
- ▶ 广泛应用于数码相机、扫描仪、升降压转换、CD-ROM、DVD播放器、笔记本电脑、电源设备等等。

**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) Isat Irms
SDC4530C-1R0MC	100KHz,0.3V	1.0	±20	0.05	2.9 2.9
SDC4530C-1R5MC	100KHz,0.3V	1.5	±20	0.05	2.6 2.8
SDC4530C-2R2MC	100KHz,0.3V	2.2	±20	0.07	2.3 2.4
SDC4530C-3R3MC	100KHz,0.3V	3.3	±20	0.08	2.0 2.0
SDC4530C-4R7MC	100KHz,0.3V	4.7	±20	0.09	1.5 1.5
SDC4530C-6R8MC	100KHz,0.3V	6.8	±20	0.13	1.2 1.4
SDC4530C-100MC	1KHz,0.3V	10	±20	0.16	1.1 1.3
SDC4530C-150MC	1KHz,0.3V	15	±20	0.23	0.9 1.2
SDC4530C-220MC	1KHz,0.3V	22	±20	0.37	0.7 0.8
SDC4530C-330MC	1KHz,0.3V	33	±20	0.51	0.58 0.6
SDC4530C-470MC	1KHz,0.3V	47	±20	0.64	0.50 0.5
SDC4530C-680MC	1KHz,0.3V	68	±20	0.86	0.40 0.4
SDC4530C-101MC	1KHz,0.3V	100	±20	1.27	0.31 0.3
SDC4530C-151MC	1KHz,0.3V	150	±20	2.00	0.27 0.25
SDC4530C-221MC	1KHz,0.3V	220	±20	3.11	0.22 0.20
SDC4530C-331MC	1KHz,0.3V	330	±20	3.80	0.18 0.16
SDC4530C-471MC	1KHz,0.3V	470	±20	5.06	0.16 0.15
SDC4530C-681MC	1KHz,0.3V	680	±20	9.20	0.14 0.12
SDC4530C-102MC	1KHz,0.3V	1000	±20	13.8	0.10 0.07

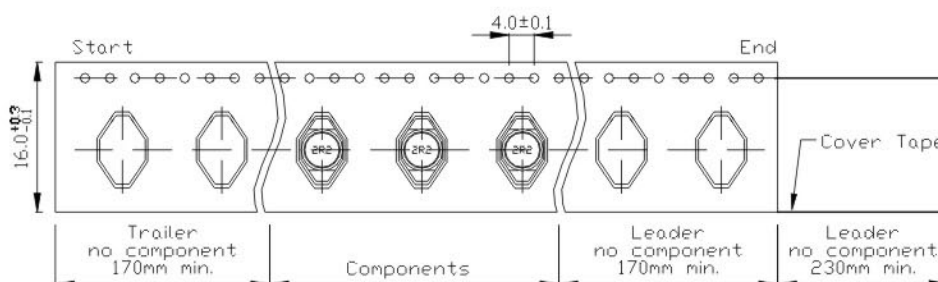
**Inductance Range/电感范围: 1.0~1000 μH**  
**Temperature Range/使用温度: -30~100°C**

RoHS Compliant(SGS Certified Result) 本产品满足环境保护要求(有害物质限制)					
Pb 铅	Cd 镉	Hg 汞	六价铬 Cr <sup>6+</sup>	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**



2000PCS/REEL  
1REEL/内盒  
7内盒/箱

净重: 2.156KG/箱  
毛重: 6.956KG/箱