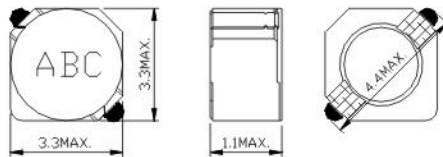


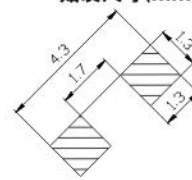
## SDRH2D09R



### Dimensions 外形尺寸图(mm)



### Land patterns 贴装尺寸(mm)



### Construction/磁气构造图 Shield/闭磁



### FEATURES:

- ▶ Quantity/reel:4,000PCS.
- ▶ Small product,quadrate 3.3MAX. Height 1.1mm MAX.
- ▶ Carrier tape packing, use for SMT.
- ▶ Suitable for reflow soldering.
- ▶ Widely use in Digital camera & scanner/DC-DC converter/Power supply for VTR/LCD monitor/Portable terminal equipment/Notebook etc.

**Inductance Range/电感范围: 1.2~10  $\mu$  H**  
**Temperature Range/使用温度: -30~100°C**

### Electrical Characteristics/电气特性

Model No. 部品名	Test Condition 测试条件	Inductance 电感( $\mu$ H)	Tolerance 公差(%)	DC resuance 直流电阻 MAX( $\Omega$ )	Rated current 额定电流(A)
SDRH2D09R-1R2MC	100KHz,0.3V	1.2	$\pm 20$	97.5m	0.80
SDRH2D09R-1R5MC	100KHz,0.3V	1.5	$\pm 20$	110m	0.73
SDRH2D09R-1R8MC	100KHz,0.3V	1.8	$\pm 20$	131m	0.65
SDRH2D09R-2R2MC	100KHz,0.3V	2.2	$\pm 20$	144m	0.60
SDRH2D09R-2R5MC	100KHz,0.3V	2.5	$\pm 20$	150m	0.53
SDRH2D09R-3R0MC	100KHz,0.3V	3.0	$\pm 20$	194m	0.47
SDRH2D09R-3R9MC	100KHz,0.3V	3.9	$\pm 20$	225m	0.45
SDRH2D09R-4R7MC	100KHz,0.3V	4.7	$\pm 20$	288m	0.41
SDRH2D09R-5R6MC	100KHz,0.3V	5.6	$\pm 20$	325m	0.37
SDRH2D09R-6R8MC	100KHz,0.3V	6.8	$\pm 20$	425m	0.33
SDRH2D09R-8R2MC	100KHz,0.3V	8.2	$\pm 20$	475m	0.30
SDRH2D09R-100MC	100KHz,0.3V	10	$\pm 20$	538m	0.28

### 特长:

- ▶ 数量/卷: 4,000PCS。
- ▶ 产品小型化, 方形3.3MAX, 高度1.1mm 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、磁带录像机电源、液晶显示组件、便携式终端设备、笔记本电脑等等。

RoHS Compliant(SGS Certified Result)

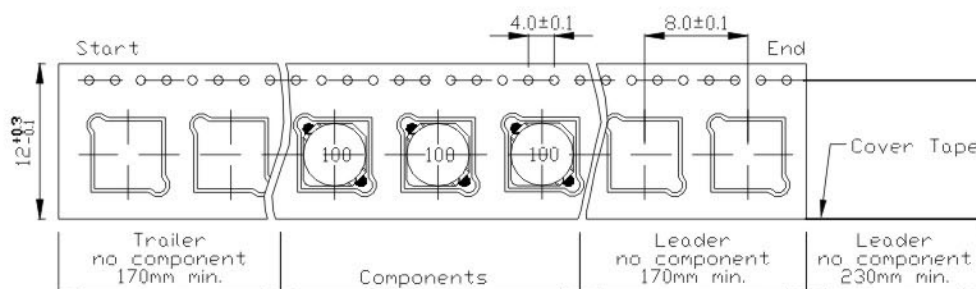
本产品满足环境保护要求(有害物质限用)

RoHS  
COMPLIANT

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.
  - (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。
- (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



4000PCS/REEL  
2REEL/内盒  
5内盒/箱

净重:1.44KG/箱  
毛重:7.14KG/箱