



FEATURES:

- * Quality/ reel: 4,000PCS
- * Small product, quadrate 3.3mm MAX Height 1.1mm MAX
- * Carrier tape packing, use for SMT
- * Suitable for reflow soldering
- * Widely used in DC-DC converter/ LCD TV/ Notebook/ PDA/ MP3 / MP4 Player/ Digital camera/ Portable CDR-W etc.

Inductance Range/ 电感范围: 1.0- 1000 mH

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	Tolerance 公差 (%)	DC Resutance 直流电阻 MAX(W)	Rate Current 额定电流(A)
SDRH2D09R-1R2MC	100KHz,0.3V	1.2	±20	97.5m	0.8
SDRH2D09R-1R5MC	100KHz,0.3V	1.5	±20	110m	0.73
SDRH2D09R-1R8MC	100KHz,0.3V	1.8	±20	131m	0.65
SDRH2D09R-2R2MC	100KHz,0.3V	2.2	±20	144m	0.6
SDRH2D09R-2R5MC	100KHz,0.3V	2.5	±20	150m	0.53
SDRH2D09R-3R0MC	100KHz,0.3V	3	±20	194m	0.47
SDRH2D09R-3R9MC	100KHz,0.3V	3.9	±20	225m	0.45
SDRH2D09R-4R7MC	100KHz,0.3V	4.7	±20	288m	0.41
SDRH2D09R-5R6MC	100KHz,0.3V	5.6	±20	325m	0.37
SDRH2D09R-6R8MC	100KHz,0.3V	6.8	±20	425m	0.33
SDRH2D09R-8R2MC	100KHz,0.3V	8.2	±20	475m	0.3
SDRH2D09R-1R2MC	100KHz,0.3V	10	±20	538m	0.28

特长:

- * 数量/ 卷: 4,000PCS
- * 产品小型化, 方形 3.3mm MAX 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, 便携式光碟机等等.

RoHS Compliant SGS Certified Result					
Pb	Cd	Hg	Cr+6	PBBs	PBDEs
<1000ppm	Nd	Nd	Nd	Nd	Nd

- (1) Inductance is measured with a LCR meter:
HP4284-A (Agilent)/ 3532-50 (HIOKI) or equivalent.
Test frequency at 100kHz/ 1 KHz.
 - (2) DC resistance is measured with a Digital Multimeter
TH2512B (TongHui) or equivalent.
 - (3) The DC Bias Test with TH2817 & TH1775 (Tong Hui)
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°C)
- (1) 电感直测试仪: 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 时取其小值作为最大容许电流. (周围环境温度 20°C)