



FEATURES:

- *Quality/ reel: 750PCS
- *High rated current & low DCR, quadrate 10.5mm MAX Height 5.0mm 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: 10- 1500 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)
SDRB1050A-100MC	1KHZ,0.3V	10	±20	0.364	3
SDRB1050A-150MC	1KHZ,0.3V	15	±20	0.047	2.4
SDRB1050A-220MC	1KHZ,0.3V	22	±20	0.059	2.1
SDRB1050A-330MC	1KHZ,0.3V	33	±20	0.082	1.6
SDRB1050A-470MC	1KHZ,0.3V	47	±20	0.1	1.4
SDRB1050A-680MC	1KHZ,0.3V	68	±20	0.14	1.2
SDRB1050A-101MC	1KHZ,0.3V	100	±20	0.2	1
SDRB1050A-151MC	1KHZ,0.3V	150	±20	0.35	0.79
SDRB1050A-221MC	1KHZ,0.3V	220	±20	0.47	0.65
SDRB1050A-331MC	1KHZ,0.3V	330	±20	0.68	0.54
SDRB1050A-471MC	1KHZ,0.3V	470	±20	1.03	0.47
SDRB1050A-681MC	1KHZ,0.3V	680	±20	0.6	0.38
SDRB1050A-102MC	1KHZ,0.3V	1000	±20	2.8	0.32
SDRB1050A-152MC	1KHZ,0.3V	1500	±20	3.4	0.22

特长:

- * 数量/ 卷: 750PCS
- * 耐大电流, 低直流抵抗, 方形 10.5mm 高度 5.0mm 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)