



FEATURES:

- * Quality/ reel: 1,000PCS
- * Small product, rotundity 7.0mm MAX Height 4.0mm 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- 68 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)
SDR63-100MC	1KHZ,0.3V	10	±20	0.14	1
SDR63-120MC	1KHZ,0.3V	12	±20	0.16	0.94
SDR63-150MC	1KHZ,0.3V	15	±20	0.18	0.86
SDR63-180MC	1KHZ,0.3V	18	±20	0.25	0.78
SDR63-220MC	1KHZ,0.3V	22	±20	0.32	0.76
SDR63-270MC	1KHZ,0.3V	27	±20	0.36	0.64
SDR63-330MC	1KHZ,0.3V	33	±20	0.41	0.61
SDR63-390MC	1KHZ,0.3V	39	±20	0.47	0.53
SDR63-470MC	1KHZ,0.3V	47	±20	0.51	0.5
SDR63-560MC	1KHZ,0.3V	56	±20	0.72	0.46
SDR63-680MC	1KHZ,0.3V	68	±20	0.82	0.42

特长:

- * 数量/ 卷: 1,000PCS
- * 产品小型化, 圆形 7.0mm MAX 高度 4.0mm 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.

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)