



### FEATURES:

- \* Quality/ reel: 1000PCS
- \* High rated current & low DCR, rotundity 8.5MAX 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.

### 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)
SDR74C-100MC	1KHZ,0.3V	10	±20	0.07	1.65
SDR74C-120MC	1KHZ,0.3V	12	±20	0.07	1.57
SDR74C-150MC	1KHZ,0.3V	15	±20	0.08	1.39
SDR74C-180MC	1KHZ,0.3V	18	±20	0.1	1.29
SDR74C-220MC	1KHZ,0.3V	22	±20	0.13	1.12
SDR74C-270MC	1KHZ,0.3V	27	±20	0.16	1.06
SDR74C-330MC	1KHZ,0.3V	33	±20	0.18	0.97
SDR74C-390MC	1KHZ,0.3V	39	±20	0.18	0.91
SDR74C-470MC	1KHZ,0.3V	47	±20	0.27	0.8
SDR74C-560MC	1KHZ,0.3V	56	±20	0.29	0.76
SDR74C-680MC	1KHZ,0.3V	68	±20	0.33	0.68
SDR74C-820MC	1KHZ,0.3V	82	±20	0.43	0.62
SDR74C-101MC	1KHZ,0.3V	100	±20	0.49	0.55
SDR74C-121MC	1KHZ,0.3V	120	±20	0.68	0.49
SDR74C-151MC	1KHZ,0.3V	150	±20	0.94	0.44
SDR74C-181MC	1KHZ,0.3V	180	±20	1	0.4
SDR74C-221MC	1KHZ,0.3V	220	±20	1.18	0.36
SDR74C-271MC	1KHZ,0.3V	270	±20	1.3	0.33

### 特长:

- \* 数量/ 卷: 1000PCS
- \* 耐大电流, 低直流抵抗, 圆形 8.5mm 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.

Inductance Range/ 电感范围: 10- 1000 mH

Temperature Range/ 使用温度: -30- 100°C

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)