



## FEATURES:

- \*Quality/ reel: 1,000PCS
- \*High rated current & low DCR, quadrate 7.8mm 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.

## 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)
SDRH74-100MC	1KHZ,0.3V	10	±20	0.049	1.84
SDRH74-120MC	1KHZ,0.3V	12	±20	0.058	1.71
SDRH74-150MC	1KHZ,0.3V	15	±20	0.081	1.47
SDRH74-180MC	1KHZ,0.3V	18	±20	0.091	1.31
SDRH74-220MC	1KHZ,0.3V	22	±20	0.11	1.23
SDRH74-270MC	1KHZ,0.3V	27	±20	0.15	1.12
SDRH74-330MC	1KHZ,0.3V	33	±20	0.17	0.96
SDRH74-390MC	1KHZ,0.3V	39	±20	0.23	0.91
SDRH74-470MC	1KHZ,0.3V	47	±20	0.26	0.88
SDRH74-560MC	1KHZ,0.3V	56	±20	0.35	0.75
SDRH74-680MC	1KHZ,0.3V	68	±20	0.38	0.69
SDRH74-820MC	1KHZ,0.3V	82	±20	0.43	0.61
SDRH74-101MC	1KHZ,0.3V	100	±20	0.61	0.6
SDRH74-121MC	1KHZ,0.3V	120	±20	0.66	0.52
SDRH74-151MC	1KHZ,0.3V	150	±20	0.88	0.46
SDRH74-181MC	1KHZ,0.3V	180	±20	0.98	0.42
SDRH74-221MC	1KHZ,0.3V	220	±20	1.17	0.36
SDRH74-271MC	1KHZ,0.3V	270	±20	1.64	0.34
SDRH74-331MC	1KHZ,0.3V	330	±20	1.86	0.32
SDRH74-391MC	1KHZ,0.3V	390	±20	2.85	0.29
SDRH74-471MC	1KHZ,0.3V	470	±20	3.01	0.26
SDRH74-561MC	1KHZ,0.3V	560	±20	3.62	0.23
SDRH74-681MC	1KHZ,0.3V	680	±20	4.63	0.22
SDRH74-821MC	1KHZ,0.3V	820	±20	5.2	0.2
SDRH74-102MC	1KHZ,0.3V	1000	±20	6	0.18

## 特长:

- \* 数量/ 卷: 1,000PCS
- \* 耐大电流, 低直流抵抗, 方形 7.8mm 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, 液精显示, 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: 4.7- 470 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)