



## FEATURES:

- \* Quality/ reel:1,000PCS
- \* Small product, quadrate 6.8\*7.0mm 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)
SDRH64-100M	1KHZ,0.3V	10	±20	0.12	1.35
SDRH64-120M	1KHZ,0.3V	12	±20	0.13	1.2
SDRH64-150M	1KHZ,0.3V	15	±20	0.18	1.1
SDRH64-180M	1KHZ,0.3V	18	±20	0.24	1
SDRH64-220M	1KHZ,0.3V	22	±20	0.27	0.91
SDRH64-270M	1KHZ,0.3V	27	±20	0.3	0.82
SDRH64-330M	1KHZ,0.3V	33	±20	0.33	0.75
SDRH64-390M	1KHZ,0.3V	39	±20	0.37	0.69
SDRH64-470M	1KHZ,0.3V	47	±20	0.52	0.62
SDRH64-560M	1KHZ,0.3V	56	±20	0.56	0.58
SDRH64-680M	1KHZ,0.3V	68	±20	0.63	0.52
SDRH64-820M	1KHZ,0.3V	82	±20	0.71	0.47
SDRH64-101M	1KHZ,0.3V	100	±20	1.03	0.43
SDRH64-121M	1KHZ,0.3V	120	±20	1.15	0.39
SDRH64-151M	1KHZ,0.3V	150	±20	1.68	0.35
SDRH64-181M	1KHZ,0.3V	180	±20	1.87	0.32
SDRH64-221M	1KHZ,0.3V	220	±20	2.08	0.29
SDRH64-271M	1KHZ,0.3V	270	±20	2.37	0.26
SDRH64-331M	1KHZ,0.3V	330	±20	2.67	0.23
SDRH64-391M	1KHZ,0.3V	390	±20	2.94	0.22
SDRH64-471M	1KHZ,0.3V	470	±20	3.93	0.2
SDRH64-561M	1KHZ,0.3V	560	±20	5.43	0.18
SDRH64-681M	1KHZ,0.3V	680	±20	7.32	0.17
SDRH64-821M	1KHZ,0.3V	820	±20	8.24	0.15
SDRH64-102M	1KHZ,0.3V	1000	±20	9.26	0.14

## 特长:

- \* 数量/ 卷: 1,000PCS
- \* 产品小型化, 方形 6.8mm\*7.0mm MAX 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)