



FEATURES:

- * Quality/ reel: 4,000PCS
- * Small product, quadrate 3.0mm*3.3mm Height 1.2mm 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/ Partable CDR-W etc.

Inductance Range/ 电感范围: 1.5- 22m H
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)
SDH31-1R5MC	1KHz, 0.3V	1.5	±20	150	1.10
SDH31-2R2MC	1KHz, 0.3V	2.2	±20	170	1.00
SDH31-3R0MC	1KHz, 0.3V	3	±20	200	0.88
SDH31-3R3MC	1KHz, 0.3V	3.3	±20	240	0.85
SDH31-4R7MC	1KHz, 0.3V	4.7	±20	330	0.75
SDH31-6R8MC	1KHz, 0.3V	6.8	±20	500	0.60
SDH31-100MC	100KHz, 0.3V	10	±20	700	0.50
SDH31-220MC	100KHz, 0.3V	22	±20	1400	0.33

特长:

- * 数量/ 卷: 4,000PCS
- * 产品小型化, 方形 3.0mm 3.3mm 高度 1.2 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°C, whichever is smaller.
(At ambient reference: 20°C)
- (1) 电感直测仪器: 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°C 时取其小值作为最大容许电流. (周围环境温度 20°C)