



FEATURES:

- *Quality/ reel: 500PCS
- *High rated current & low DCR, quadrate 12.5mm MAX Height 8.0mm 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)
SDRH127-1R0MC	100KHz,0.3V	1	±20	0.006	12
SDRH127-2R2MC	100KHz,0.3V	2.2	±20	0.0115	8
SDRH127-3R3MC	100KHz,0.3V	3.3	±20	0.013	8
SDRH127-4R7MC	100KHz,0.3V	4.7	±20	0.0158	6.8
SDRH127-6R8MC	100KHz,0.3V	6.8	±20	0.019	6.6
SDRH127-8R2MC	100KHz,0.3V	8.2	±20	0.02	5.6
SDRH127-100MC	1KHZ,0.3V	10	±20	0.0216	5.4
SDRH127-120MC	1KHZ,0.3V	12	±20	0.0243	4.9
SDRH127-150MC	1KHZ,0.3V	15	±20	0.027	4.5
SDRH127-180MC	1KHZ,0.3V	18	±20	0.0392	3.9
SDRH127-220MC	1KHZ,0.3V	22	±20	0.0432	3.6
SDRH127-270MC	1KHZ,0.3V	27	±20	0.0459	3.4
SDRH127-330MC	1KHZ,0.3V	33	±20	0.0684	3
SDRH127-390MC	1KHZ,0.3V	39	±20	0.0729	2.75
SDRH127-470MC	1KHZ,0.3V	47	±20	0.1	2.5
SDRH127-560MC	1KHZ,0.3V	56	±20	0.11	2.35
SDRH127-680MC	1KHZ,0.3V	68	±20	0.14	2.1
SDRH127-820MC	1KHZ,0.3V	82	±20	0.16	1.95
SDRH127-101MC	1KHZ,0.3V	100	±20	0.22	1.7
SDRH127-121MC	1KHZ,0.3V	120	±20	0.25	1.6
SDRH127-151MC	1KHZ,0.3V	150	±20	0.28	1.42
SDRH127-181MC	1KHZ,0.3V	180	±20	0.35	1.3
SDRH127-221MC	1KHZ,0.3V	220	±20	0.39	1.16
SDRH127-271MC	1KHZ,0.3V	270	±20	0.56	1.06
SDRH127-331MC	1KHZ,0.3V	330	±20	0.64	0.95
SDRH127-391MC	1KHZ,0.3V	390	±20	0.7	0.88
SDRH127-471MC	1KHZ,0.3V	470	±20	0.98	0.79

特长:

- *数量/ 卷: 500PCS
- *耐大电流, 低直流抵抗, 方形 12.5mm MAX 高度 8.0mm 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, 便携式光碟机等等.

Inductance Range/ 电感范围: 2.0- 220 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)

SDRH127-561MC	1KHZ,0.3V	560	±20	1.07	0.73
SDRH127-681MC	1KHZ,0.3V	680	±20	1.46	0.67
SDRH127-821MC	1KHZ,0.3V	820	±20	1.64	0.6
SDRH127-102MC	1KHZ,0.3V	1000	±20	1.82	0.55