



FEATURES:

- *Quality/ reel: 500PCS
- *High rated current & low DCR, quadrate 12.5mm 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)
SDRH124-1R0MC	100KHz,0.3V	1	±20	0.001	8
SDRH124-2R2MC	100KHz,0.3V	2.2	±20	0.014	4.9
SDRH124-3R3MC	100KHz,0.3V	3.3	±20	0.015	4.5
SDRH124-4R7MC	100KHz,0.3V	4.7	±20	0.018	5.7
SDRH124-5R6MC	100KHz,0.3V	5.6	±20	0.02	5.2
SDRH124-6R8MC	100KHz,0.3V	6.8	±20	0.023	4.9
SDRH124-8R2MC	100KHz,0.3V	8.2	±20	0.026	4.6
SDRH124-100MC	1KHZ,0.3V	10	±20	0.028	4.5
SDRH124-120MC	1KHZ,0.3V	12	±20	0.038	4
SDRH124-150MC	1KHZ,0.3V	15	±20	0.05	3.2
SDRH124-180MC	1KHZ,0.3V	18	±20	0.057	3.1
SDRH124-220MC	1KHZ,0.3V	22	±20	0.066	2.9
SDRH124-270MC	1KHZ,0.3V	27	±20	0.08	2.8
SDRH124-330MC	1KHZ,0.3V	33	±20	0.097	2.7
SDRH124-390MC	1KHZ,0.3V	39	±20	0.132	2.1
SDRH124-470MC	1KHZ,0.3V	47	±20	0.16	1.9
SDRH124-560MC	1KHZ,0.3V	56	±20	0.19	1.8
SDRH124-680MC	1KHZ,0.3V	68	±20	0.22	1.5
SDRH124-820MC	1KHZ,0.3V	82	±20	0.26	1.3
SDRH124-101MC	1KHZ,0.3V	100	±20	0.31	1.2
SDRH124-121MC	1KHZ,0.3V	120	±20	0.38	1.1
SDRH124-151MC	1KHZ,0.3V	150	±20	0.53	0.95
SDRH124-181MC	1KHZ,0.3V	180	±20	0.62	0.85
SDRH124-221MC	1KHZ,0.3V	220	±20	0.7	0.8
SDRH124-271MC	1KHZ,0.3V	270	±20	0.87	0.6
SDRH124-331MC	1KHZ,0.3V	330	±20	0.99	0.5

特长:

- * 数量/ 卷: 500PCS
- * 耐大电流, 低直流抵抗, 方形 12.5mm 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)