



FEATURES:

- *Quality/ reel: 750PCS
- *High rated current & low DCR, quadrate 10.5mm*10.6mm Height 5.2mm 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/ 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)
SDRH105R-0R8MC	100KHz,0.3V	0.8	±20	4.3	9.5
SDRH105R-1R5MC	100KHz,0.3V	1.5	±20	5.8	8.3
SDRH105R-2R2MC	100KHz,0.3V	2.2	±20	7.2	7.5
SDRH105R-3R3MC	100KHz,0.3V	3.3	±20	10.4	6.5
SDRH105R-4R7MC	100KHz,0.3V	4.7	±20	12.3	6.1
SDRH105R-6R8MC	100KHz,0.3V	6.8	±20	18	5.4
SDRH105R-8R2MC	100KHz,0.3V	8.2	±20	20	4.85
SDRH105R-100MC	1KHZ,0.3V	10	±20	26	4.45
SDRH105R-120MC	1KHZ,0.3V	12	±20	33	3.8
SDRH105R-150MC	1KHZ,0.3V	15	±20	41	3.4
SDRH105R-180MC	1KHZ,0.3V	18	±20	46	3.1
SDRH105R-220MC	1KHZ,0.3V	22	±20	61	2.9
SDRH105R-270MC	1KHZ,0.3V	27	±20	69	2.6
SDRH105R-330MC	1KHZ,0.3V	33	±20	84	2.4
SDRH105R-390MC	1KHZ,0.3V	39	±20	106	2.25
SDRH105R-470MC	1KHZ,0.3V	47	±20	130	2
SDRH105R-560MC	1KHZ,0.3V	56	±20	149	1.9
SDRH105R-680MC	1KHZ,0.3V	68	±20	201	1.6
SDRH105R-820MC	1KHZ,0.3V	82	±20	227	1.45
SDRH105R-101MC	1KHZ,0.3V	100	±20	253	1.35
SDRH105R-121MC	1KHZ,0.3V	120	±20	303	1.18
SDRH105R-151MC	1KHZ,0.3V	150	±20	370	1.1
SDRH105R-181MC	1KHZ,0.3V	180	±20	419	1
SDRH105R-221MC	1KHZ,0.3V	220	±20	500	940
SDRH105R-271MC	1KHZ,0.3V	270	±20	672	800
SDRH105R-331MC	1KHZ,0.3V	330	±20	812	730
SDRH105R-391MC	1KHZ,0.3V	390	±20	953	700
SDRH105R-471MC	1KHZ,0.3V	470	±20	1.29	540
SDRH105R-561MC	1KHZ,0.3V	560	±20	1.43	520
SDRH105R-681MC	1KHZ,0.3V	680	±20	1.6	510
SDRH105R-821MC	1KHZ,0.3V	820	±20	1.77	480

特长:

- * 数量/ 卷: 750PCS
- * 耐大电流, 低直流抵抗, 方形 10.5mm*10.6 高度 5.2mm 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, 便携式光碟机等等.

Inductance Range/ 电感范围: 0.8- 820 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)