



FEATURES:

- *Quality/ reel: 1,000PCS
- *High rated current & low DCRt, quadrate 7.8mm MAX Height 4.0mm 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)
SDRH73-100MC	1KHZ,0.3V	10	±20	0.072	1.68
SDRH73-120MC	1KHZ,0.3V	12	±20	0.098	1.52
SDRH73-150MC	1KHZ,0.3V	15	±20	0.13	1.33
SDRH73-180MC	1KHZ,0.3V	18	±20	0.14	1.2
SDRH73-220MC	1KHZ,0.3V	22	±20	0.19	1.07
SDRH73-270MC	1KHZ,0.3V	27	±20	0.21	0.96
SDRH73-330MC	1KHZ,0.3V	33	±20	0.24	0.91
SDRH73-390MC	1KHZ,0.3V	39	±20	0.32	0.77
SDRH73-470MC	1KHZ,0.3V	47	±20	0.36	0.76
SDRH73-560MC	1KHZ,0.3V	56	±20	0.47	0.68
SDRH73-680MC	1KHZ,0.3V	68	±20	0.52	0.61
SDRH73-820MC	1KHZ,0.3V	82	±20	0.69	0.57
SDRH73-101MC	1KHZ,0.3V	100	±20	0.79	0.5
SDRH73-121MC	1KHZ,0.3V	120	±20	0.89	0.49
SDRH73-151MC	1KHZ,0.3V	150	±20	1.27	0.43
SDRH73-181MC	1KHZ,0.3V	180	±20	1.45	0.39
SDRH73-221MC	1KHZ,0.3V	220	±20	1.65	0.35
SDRH73-271MC	1KHZ,0.3V	270	±20	2.31	0.32
SDRH73-331MC	1KHZ,0.3V	330	±20	2.62	0.28
SDRH73-391MC	1KHZ,0.3V	390	±20	2.94	0.26
SDRH73-471MC	1KHZ,0.3V	470	±20	4.18	0.24
SDRH73-561MC	1KHZ,0.3V	560	±20	4.67	0.22
SDRH73-681MC	1KHZ,0.3V	680	±20	5.73	0.19
SDRH73-821MC	1KHZ,0.3V	820	±20	6.54	0.18
SDRH73-102MC	1KHZ,0.3V	1000	±20	9.44	0.16

特长:

- * 数量/ 卷: 1,000PCS
- * 耐大电流, 低直流抵抗, 方形 7.8mm 高度 4.0mm 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 时取其小值作为最大容许电流. (周围环境温度 20°C)