



FEATURES:

- * Quality/ reel: 500PCS
- * High rated current & low DC R_t, rotundity 10.0mm type (10.3mm Maximum)
Height 4.0mm TYP
- * 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)
SD104-1R0MC	100KHz,0.3V	1	±20	0.012	8.7
SD104-2R2MC	100KHz,0.3V	2.2	±20	0.02	5.4
SD104-3R3MC	100KHz,0.3V	3.3	±20	0.028	2.85
SD104-4R7MC	100KHz,0.3V	4.7	±20	0.038	2.75
SD104-5R6MC	100KHz,0.3V	5.6	±20	0.04	2.7
SD104-6R8MC	100KHz,0.3V	6.8	±20	0.042	2.65
SD104-8R2MC	100KHz,0.3V	8.2	±20	0.048	2.6
SD104-100MC	1KHz,0.3V	10	±20	0.05	2.38
SD104-150MC	1KHz,0.3V	15	±20	0.07	1.87
SD104-180MC	1KHz,0.3V	18	±20	0.08	1.73
SD104-220MC	1KHz,0.3V	22	±20	0.09	1.6
SD104-270MC	1KHz,0.3V	27	±20	0.1	1.44
SD104-330MC	1KHz,0.3V	33	±20	0.12	1.26
SD104-390MC	1KHz,0.3V	39	±20	0.15	1.2
SD104-470MC	1KHz,0.3V	47	±20	0.17	1.1
SD104-560MC	1KHz,0.3V	56	±20	0.2	1.01
SD104-680MC	1KHz,0.3V	68	±20	0.22	0.91
SD104-820MC	1KHz,0.3V	82	±20	0.25	0.85
SD104-101MC	1KHz,0.3V	100	±20	0.34	0.74
SD104-121MC	1KHz,0.3V	120	±20	0.4	0.69
SD104-151MC	1KHz,0.3V	150	±20	0.54	0.61
SD104-181MC	1KHz,0.3V	180	±20	0.62	0.56
SD104-221MC	1KHz,0.3V	220	±20	0.72	0.53
SD104-271MC	1KHz,0.3V	270	±20	0.95	0.45
SD104-331MC	1KHz,0.3V	330	±20	1.1	0.42
SD104-391MC	1KHz,0.3V	390	±20	1.24	0.38
SD104-471MC	1KHz,0.3V	470	±20	1.53	0.35
SD104-561MC	1KHz,0.3V	560	±20	1.9	0.32

特长:

- * 数量/ 卷: 500PCS
- * 耐大电流, 低直流抵抗, 圆形 10.0mm (10.3mm MAX)
高度 4.0mm TYP.
- * 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: 1.0- 560 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)