



FEATURES:

- * Quality/ reel: 1,000PCS
- * High rated current & low DCRT, rotundity 7.8mm type (8.1mm Maximum)
Height 3.0mm 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)
SD73-1R0MC	100KHz,0.3V	1	±20	0.018	7
SD73-1R5MC	100KHz,0.3V	1.5	±20	0.02	6
SD73-2R2MC	100KHz,0.3V	2.2	±20	0.023	5
SD73-3R3MC	100KHz,0.3V	3.3	±20	0.025	4
SD73-4R7MC	100KHz,0.3V	4.7	±20	0.039	3.5
SD73-6R8MC	100KHz,0.3V	6.8	±20	0.04	2.8
SD73-100MC	1KHz,0.3V	10	±20	0.08	1.44
SD73-120MC	1KHz,0.3V	12	±20	0.09	1.39
SD73-150MC	1KHz,0.3V	15	±20	0.1	1.24
SD73-180MC	1KHz,0.3V	18	±20	0.11	1.12
SD73-220MC	1KHz,0.3V	22	±20	0.13	1.07
SD73-270MC	1KHz,0.3V	27	±20	0.15	0.94
SD73-330MC	1KHz,0.3V	33	±20	0.17	0.85
SD73-390MC	1KHz,0.3V	39	±20	0.22	0.74
SD73-470MC	1KHz,0.3V	47	±20	0.25	0.68
SD73-560MC	1KHz,0.3V	56	±20	0.28	0.64
SD73-680MC	1KHz,0.3V	68	±20	0.33	0.59
SD73-820MC	1KHz,0.3V	82	±20	0.41	0.54
SD73-101MC	1KHz,0.3V	100	±20	0.48	0.51
SD73-121MC	1KHz,0.3V	120	±20	0.54	0.49

特长:

- * 数量/ 卷: 1,000PCS
- * 耐大电流, 低直流抵抗, 圆形 7.8mm (8.1mm MAX)
高度 3.5mm 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- 120 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

- Inductance is measured with a LCR meter:
HP4284-A (Agilent)/ 3532-50 (HIOKI) or equivalent.
Test frequency at 100kHz/ 1 KHz.
 - DC resistance is measured with a Digital Multimeter
TH2512B (TongHui) or equivalent.
 - 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)
- 电感直测试仪: HP4284A (Agilent)/ 3532-50 (HIOKI)或同等 LCR METER. 测试频率 100KHz/1KHz.
 - 直流电阻测试仪: TH2512B 或同等的 DCR 测试设备.
 - 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)