



FEATURES:

- * Quality/ reel: 2,500PCS
- * Small product, rotundity 4.5mm type (4.8mm Maximum) Height 2.0mm 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.

Inductance Range/ 电感范围: 1.0- 270 mH

Temperature Range/ 使用温度: -30- 100°C

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)
SD42B-2R7MC	100KHZ,0.3V	2.7	±20	0.065	1.5
SD42B-4R7MC	100KHZ,0.3V	4.7	±20	0.095	1.4
SD42B-100MC	1KHZ,0.3V	10	±20	0.18	0.97
SD42B-220MC	1KHZ,0.3V	22	±20	0.45	0.6
SD42B-260MC	1KHZ,0.3V	26	±20	0.47	0.55
SD42B-330MC	1KHZ,0.3V	33	±20	0.5	0.54
SD42B-390MC	1KHZ,0.3V	39	±20	0.7	0.5
SD42B-470MC	1KHZ,0.3V	47	±20	0.8	0.48
SD42B-560MC	1KHZ,0.3V	56	±20	0.9	0.45
SD42B-101MC	1KHZ,0.3V	100	±20	1.5	0.1
SD42B-151MC	1KHZ,0.3V	150	±20	2.3	0.09

特长:

- * 数量/ 卷: 2,500PCS
- * 产品小型化, 圆形 4.5mm (4.8mm MAX) 高度 2.0mm 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.

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)