FEATURES:

* Quality/ reel: 2,000PCS
* Small product, rotundity 4.5mm type (4.8mm Maximum) Height 3.2mm 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.

特长:

* 数量/ 卷: 2,000PCS
* 产品小型化, 圆形 4.5mm (4.8mm MAX) 高度 3.2mm 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.

Electrical Characteristics

电气特性

Inductance Range/ 电感范围: 1.0- 330 ㎜H

Temperature Range/ 使用温度: -30- 100°C

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)
SD43-1R0MC	100KHz,0.3V	1	±20	0.033	3.8
SD43-2R2MC	100KHz,0.3V	2.2	±20	0.047	2.6
SD43-2R7MC	100KHz,0.3V	2.7	±20	0.052	2.43
SD43-3R3MC	100KHz,0.3V	3.3	±20	0.058	2.15
SD43-4R7MC	100KHz,0.3V	4.7	±20	0.094	1.7
SD43-6R8MC	100KHz,0.3V	6.8	±20	0.117	1.41
SD43-8R2MC	100KHz,0.3V	8.2	±20	0.132	1.26
SD43-100MC	1KHZ,0.3V	10	±20	0.182	1.15
SD43-120MC	1KHZ,0.3V	12	±20	0.21	1.05
SD43-150MC	1KHZ,0.3V	15	±20	0.235	0.92
SD43-180MC	1KHZ,0.3V	18	±20	0.338	0.84
SD43-220MC	1KHZ,0.3V	22	±20	0.378	0.76
SD43-270MC	1KHZ,0.3V	27	±20	0.522	0.71
SD43-330MC	1KHZ,0.3V	33	±20	0.54	0.64
SD43-390MC	1KHZ,0.3V	39	±20	0.587	0.59
SD43-470MC	1KHZ,0.3V	47	±20	0.844	0.54
SD43-560MC	1KHZ,0.3V	56	±20	0.937	0.5
SD43-680MC	1KHZ,0.3V	68	±20	1.117	0.46
SD43-820MC	1KHZ,0.3V	82	±20	1.18	0.43
SD43-101MC	1KHZ,0.3V	100	±20	1.19	0.41
SD43-121MC	1KHZ,0.3V	120	±20	1.22	0.38
SD43-151MC	1KHZ,0.3V	150	±20	1.4	0.35
SD43-181MC	1KHZ,0.3V	180	±20	1.5	0.31
SD43-221MC	1KHZ,0.3V	220	±20	1.641	0.29
SD43-271MC	1KHZ,0.3V	270	±20	2.89	0.26
SD43-331MC	1KHZ,0.3V	330	±20	3.76	0.2

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 Mulitmeter
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**)