



FEATURES:

- * Quality/ reel: 1,000PCS
- * Small product, quadrate 7.0MAX. 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)
SDRH6D38-1R5MC	100KHz,0.3V	1.5	± 20	0.015	5.2
SDRH6D38-3R3MC	100KHz,0.3V	3.3	± 20	0.02	3.5
SDRH6D38-6R8MC	100KHz,0.3V	6.8	± 20	0.029	2.4
SDRH6D38-100MC	100KHz,0.3V	10	± 20	0.038	2
SDRH6D38-120MC	100KHz,0.3V	12	± 20	0.053	1.7
SDRH6D38-150MC	100KHz,0.3V	15	± 20	0.057	1.6
SDRH6D38-180MC	100KHz,0.3V	18	± 20	0.092	1.5
SDRH6D38-220MC	100KHz,0.3V	22	± 20	0.096	1.3
SDRH6D38-270MC	100KHz,0.3V	27	± 20	0.109	1.2
SDRH6D38-330MC	100KHz,0.3V	33	± 20	0.124	1.1
SDRH6D38-390MC	100KHz,0.3V	39	± 20	0.138	1
SDRH6D38-470MC	100KHz,0.3V	47	± 20	0.155	0.95
SDRH6D38-560MC	100KHz,0.3V	56	± 20	0.202	0.85
SDRH6D38-680MC	100KHz,0.3V	68	± 20	0.234	0.75
SDRH6D38-820MC	100KHz,0.3V	82	± 20	0.324	0.7
SDRH6D38-101MC	100KHz,0.3V	100	± 20	0.358	0.65
SDRH6D38-121MC	100KHz,0.3V	120	± 20	0.47	0.59
SDRH6D38-151MC	100KHz,0.3V	150	± 20	0.58	0.54
SDRH6D38-181MC	100KHz,0.3V	180	± 20	0.69	0.49
SDRH6D38-221MC	100KHz,0.3V	220	± 20	0.89	0.43
SDRH6D38-271MC	100KHz,0.3V	270	± 20	1.29	0.4
SDRH6D38-331MC	100KHz,0.3V	330	± 20	1.7	0.37
SDRH6D38-391MC	100KHz,0.3V	390	± 20	1.75	0.34
SDRH6D38-471MC	100KHz,0.3V	470	± 20	2.2	0.32
SDRH6D38-561MC	100KHz,0.3V	560	± 20	2.85	0.29
SDRH6D38-681MC	100KHz,0.3V	680	± 20	3.2	0.25
SDRH6D38-821MC	100KHz,0.3V	820	± 20	4.05	0.22
SDRH6D38-102MC	100KHz,0.3V	1000	± 20	5.7	0.2

特长:

- * 数量/ 卷: 1,000PCS
- * 产品小型化, 方形 7.0mm MAX 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.

Inductance Range/ 电感范围: 1.5- 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)