



FEATURES:

- * Quality/ reel:2,000PCS
- * Small product, quadrate 6.0MAX. Height 3.0mm 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)
SDRH5D28-2R2MC	100KHz,0.3V	2.2	±20	0.017	2.6
SDRH5D28-3R3MC	100KHz,0.3V	3.3	±20	0.029	2.4
SDRH5D28-100MC	100KHz,0.3V	10	±20	0.065	1.3
SDRH5D28-120MC	100KHz,0.3V	12	±20	0.076	1.2
SDRH5D28-180MC	100KHz,0.3V	18	±20	0.11	1
SDRH5D28-220MC	100KHz,0.3V	22	±20	0.122	0.9
SDRH5D28-330MC	100KHz,0.3V	33	±20	0.189	0.75
SDRH5D28-470MC	100KHz,0.3V	47	±20	0.25	0.62
SDRH5D28-560MC	100KHz,0.3V	56	±20	0.305	0.58
SDRH5D28-680MC	100KHz,0.3V	68	±20	0.355	0.52
SDRH5D28-820MC	100KHz,0.3V	82	±20	0.463	0.46
SDRH5D28-101MC	100KHz,0.3V	100	±20	0.52	0.42
SDRH5D28-121MC	100KHz,0.3V	120	±20	0.56	0.4
SDRH5D28-151MC	100KHz,0.3V	150	±20	0.68	0.35
SDRH5D28-181MC	100KHz,0.3V	180	±20	0.93	0.32
SDRH5D28-221MC	100KHz,0.3V	220	±20	1.15	0.3
SDRH5D28-271MC	100KHz,0.3V	270	±20	1.56	0.27
SDRH5D28-331MC	100KHz,0.3V	330	±20	1.98	0.25
SDRH5D28-391MC	100KHz,0.3V	390	±20	2.5	0.22
SDRH5D28-471MC	100KHz,0.3V	470	±20	2.7	0.2
SDRH5D28-561MC	100KHz,0.3V	560	±20	3.12	0.18
SDRH5D28-681MC	100KHz,0.3V	680	±20	4.15	0.16

特长:

- * 数量/ 卷: 2,000PCS
- * 产品小型化, 方形 6.0mm MAX 高度 3.0mm 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。

Inductance Range/ 电感范围: 2.2- 680 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)