HER3027

■ 特长

- 大电流
- 开磁路结构的贴片功率电感
- 最适合作为电源的扼流线圈用
- 工作温度范围：-40℃～+125℃（包含自身发热）

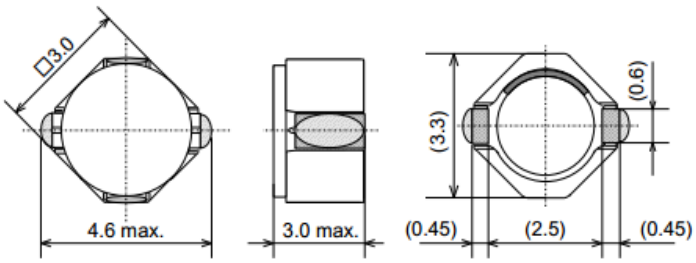
磁路构造：

单体重：　　0.08 g

■ 用途

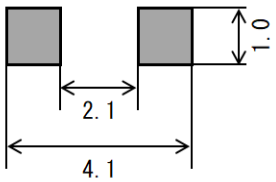
- 音频＆映像/音乐随身听，照相机
- 电脑/个人电脑，打印机
- 其他/各种电源，无线通讯机，工业机器，医疗机器．美容机器，能源

■ 外形尺寸



（单位：mm）

■ 推荐焊盘



（单位：mm）

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■ 电气规格

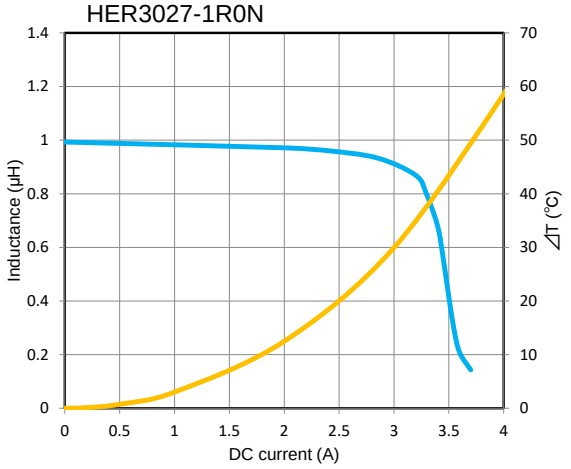
相模品番	电感值 （μH）	直流电阻 （Ω） ±30%	额定 直流电流 (A)	额定温度 上升电流 (A)
HER3027-1R0N	1±30%	0.0240	2.85	2.60
HER3027-1R2N	1.2±30%	0.0280	2.45	2.45
HER3027-1R8N	1.8±30%	0.0310	2.10	2.10
HER3027-2R2N	2.2±30%	0.0370	2.00	2.00
HER3027-2R7N	2.7±30%	0.0400	1.90	1.90
HER3027-3R0N	3±30%	0.0450	1.70	1.70
HER3027-3R9N	3.9±30%	0.0480	1.45	1.45
HER3027-4R3N	4.3±30%	0.0520	1.35	1.35
HER3027-4R7N	4.7±30%	0.0570	1.25	1.25
HER3027-5R6N	5.6±30%	0.0690	1.15	1.15
HER3027-6R8N	6.8±30%	0.0790	1.10	1.10
HER3027-7R5N	7.5±30%	0.120	1.05	1.05
HER3027-8R2N	8.2±30%	0.130	1.00	1.00
HER3027-9R1N	9.1±30%	0.140	0.950	0.950
HER3027-100M	10±20%	0.160	0.900	0.900
HER3027-120M	12±20%	0.210	0.850	0.800
HER3027-150M	15±20%	0.340	0.800	0.650
HER3027-180M	18±20%	0.380	0.700	0.600
HER3027-220M	22±20%	0.430	0.650	0.550
HER3027-270M	27±20%	0.480	0.550	0.530
HER3027-330M	33±20%	0.540	0.500	0.500
HER3027-390M	39±20%	0.600	0.450	0.450
HER3027-470M	47±20%	0.650	0.420	0.420
HER3027-560M	56±20%	0.700	0.390	0.390
HER3027-680M	68±20%	0.770	0.350	0.350

电感量测试条件:100kHz,1V(＜10μH)、1kHz,1V(≧10μH)
直流饱和容许电流:电感值下降至初始值的30%以内的电流值
温度上升容许电流:磁芯表面温度上升至40℃以下的电流值

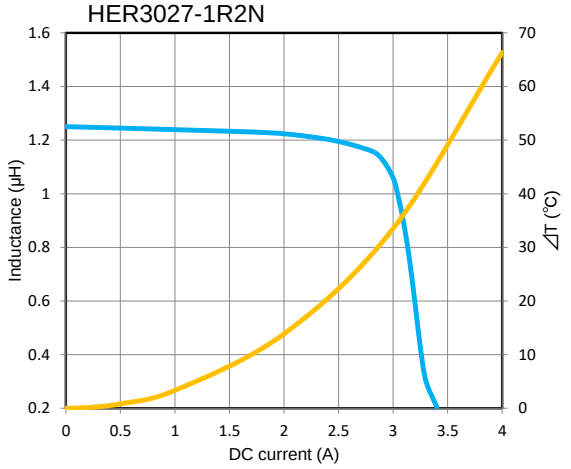
DC bias characteristics vs Temperature Rise Graph

L(25°C)　　⊿T

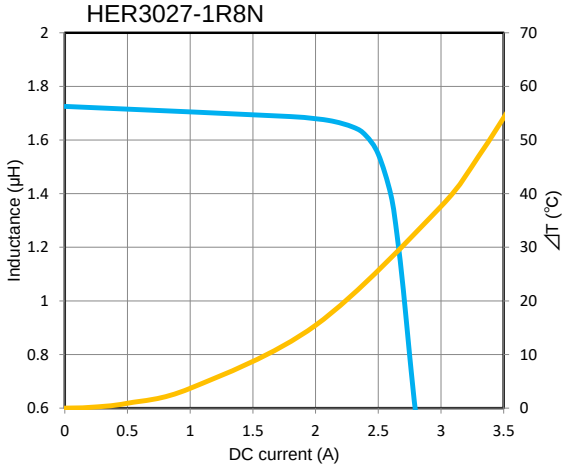
HER3027-1R0N



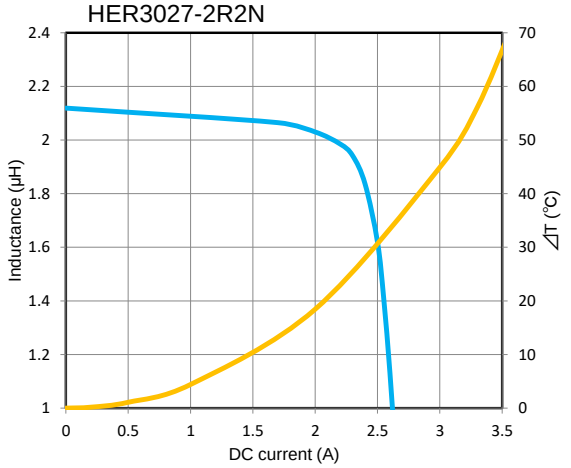
HER3027-1R2N



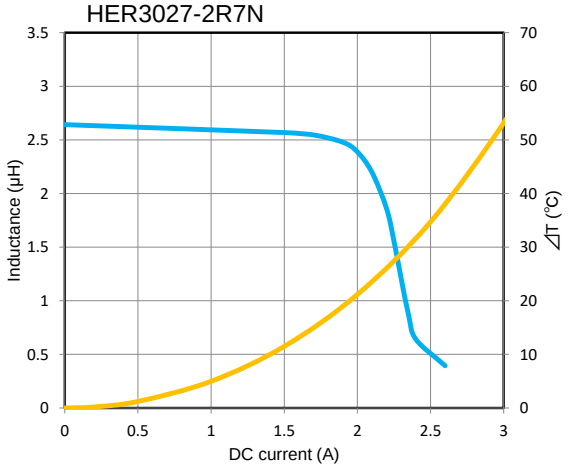
HER3027-1R8N



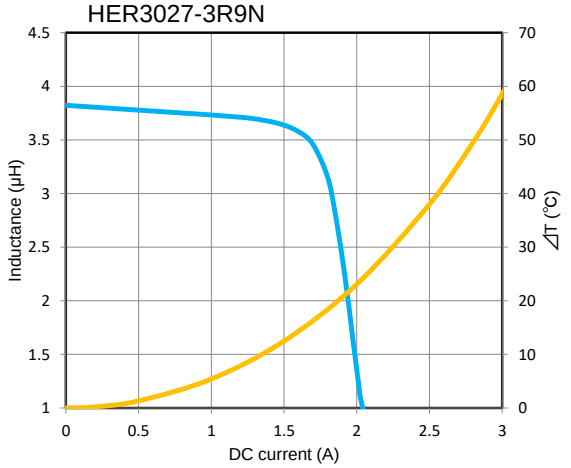
HER3027-2R2N



HER3027-2R7N



HER3027-3R9N



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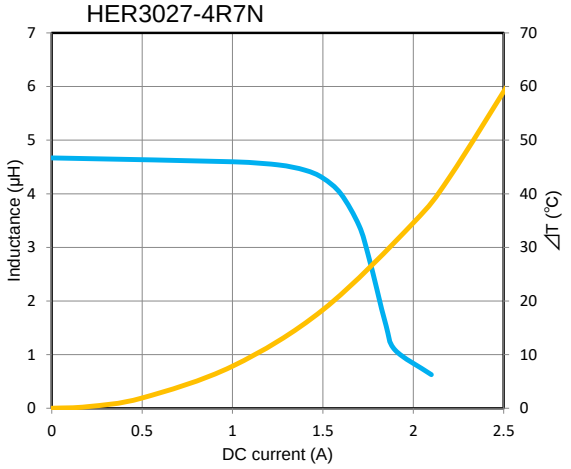
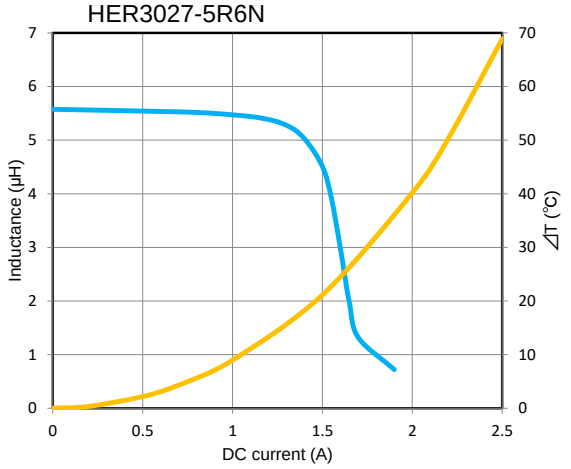
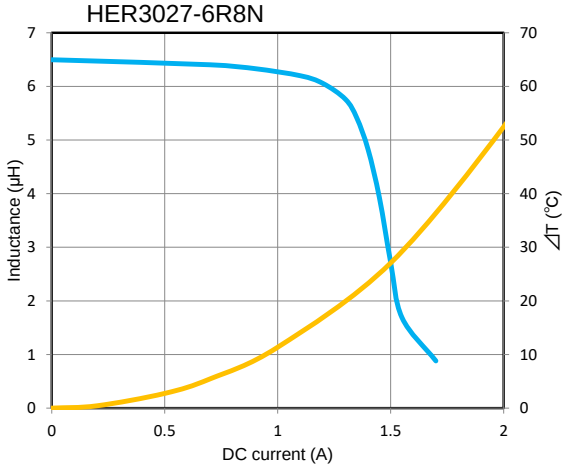
HER3027-4R7N



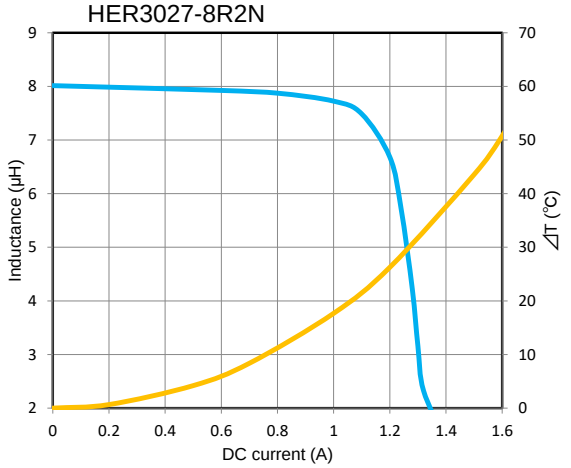
HER3027-5R6N



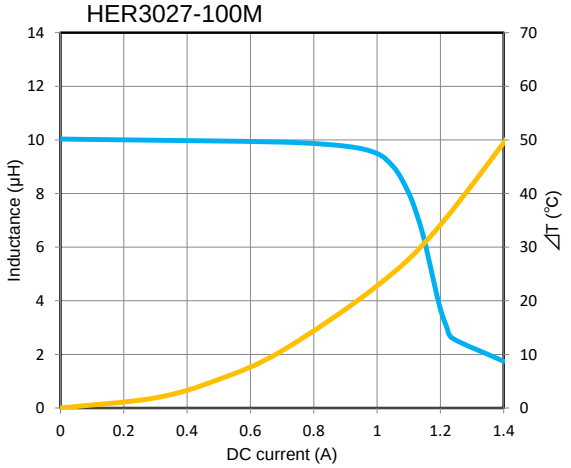
HER3027-6R8N



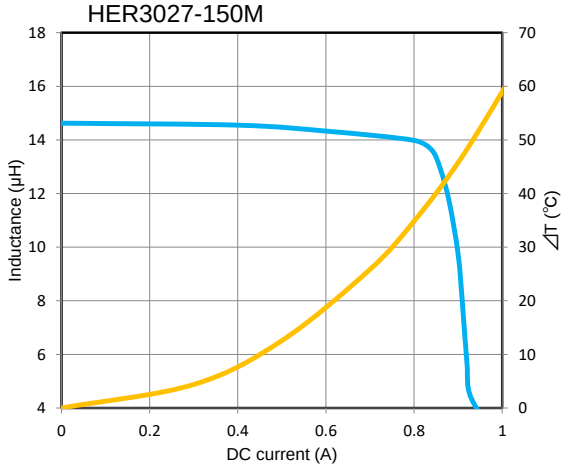
HER3027-8R2N



HER3027-100M



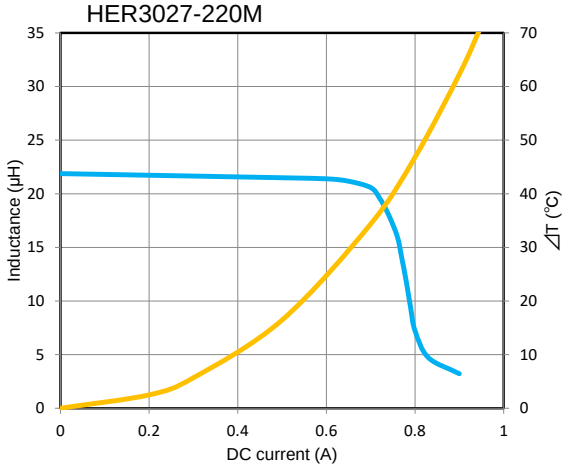
HER3027-150M



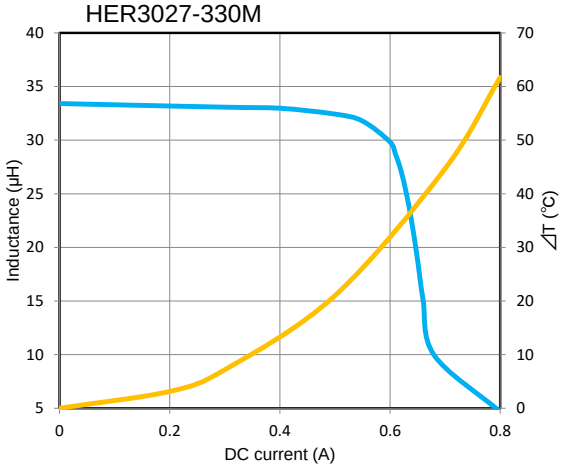
DC bias characteristics vs Temperature Rise Graph

L(25°C)　　⊿T

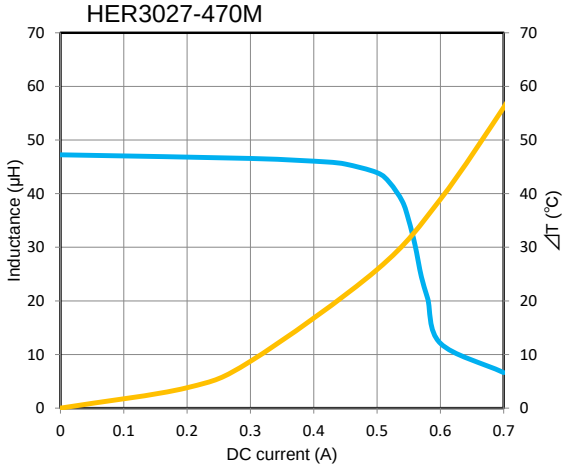
HER3027-220M



HER3027-330M



HER3027-470M



HER3027-680M