HER5027

■ 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）

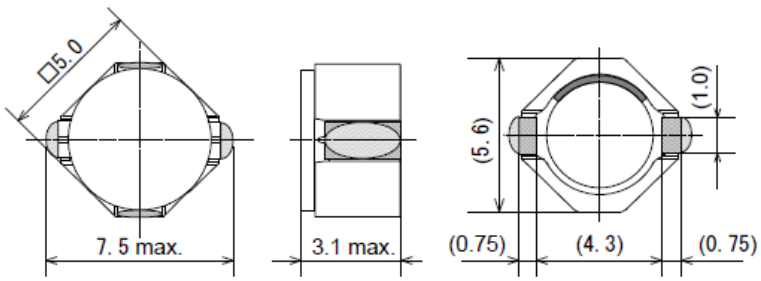
磁路构造：

单体重：　　0.24 g

■ 用途

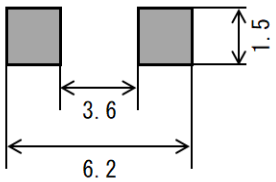
- 音频＆映像/电视&显示器, 音乐随身听, 照相机
- 电脑/打印机, 个人电脑
- 其他/能源, 各种电源, 无线通讯机, 工业机器, 医疗机器. 美容机器

■ 外形尺寸



（单位：mm）

■ 推荐焊盘



（单位：mm）

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https://www.sagami-elec.co.jp

以上内容可能由于制品改善等原因发生变更而不事前通知，请悉知。

■ 电气规格

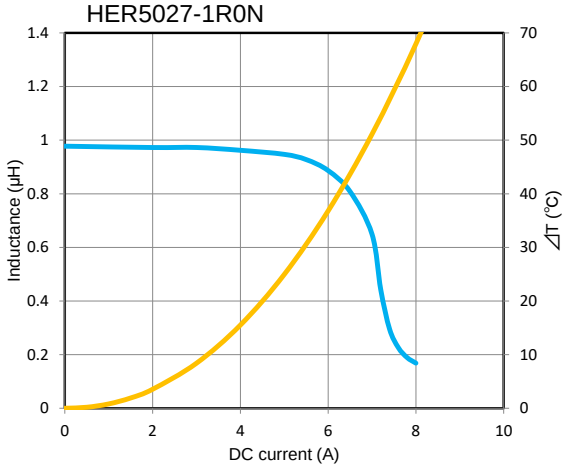
相模品番	电感值 （μH）	直流电阻 （Ω） ±30%	额定 直流电流 (A)	额定温度 上升电流 (A)
HER5027-1R0N	1±30%	0.00900	5.50	5.30
HER5027-1R5N	1.5±30%	0.0120	4.50	4.75
HER5027-2R0N	2±30%	0.0160	3.85	3.65
HER5027-3R0N	3±30%	0.0210	3.35	3.40
HER5027-3R6N	3.6±30%	0.0290	2.85	2.82
HER5027-4R3N	4.3±30%	0.0380	2.70	2.45
HER5027-5R6N	5.6±30%	0.0450	2.45	2.25
HER5027-6R2N	6.2±30%	0.0630	2.15	1.90
HER5027-7R5N	7.5±30%	0.0750	2.00	1.70
HER5027-100M	10±20%	0.0910	1.70	1.55
HER5027-120M	12±20%	0.0980	1.60	1.45
HER5027-150M	15±20%	0.120	1.40	1.30
HER5027-180M	18±20%	0.130	1.30	1.25
HER5027-220M	22±20%	0.150	1.15	1.15
HER5027-270M	27±20%	0.190	1.05	1.00
HER5027-330M	33±20%	0.230	1.00	0.950
HER5027-390M	39±20%	0.300	0.900	0.800
HER5027-470M	47±20%	0.390	0.800	0.700
HER5027-560M	56±20%	0.470	0.700	0.630
HER5027-680M	68±20%	0.590	0.650	0.560
HER5027-820M	82±20%	0.670	0.600	0.520
HER5027-101M	100±20%	0.750	0.550	0.490
HER5027-121M	120±20%	0.840	0.450	0.460
HER5027-151M	150±20%	1.12	0.400	0.390
HER5027-181M	180±20%	1.26	0.350	0.370

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

HER5027-1R0N



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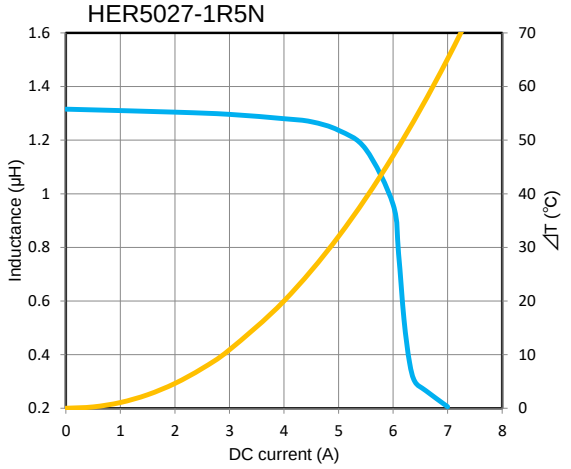
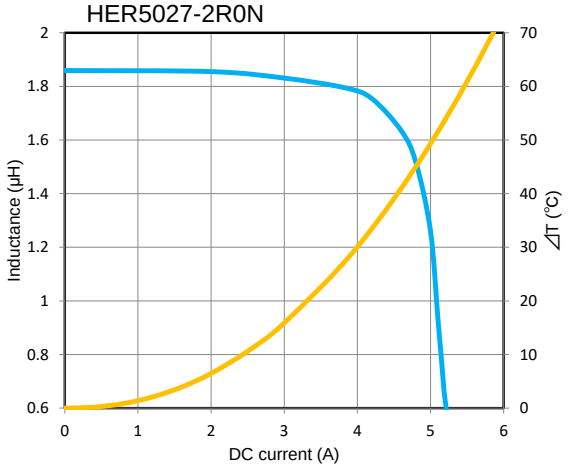
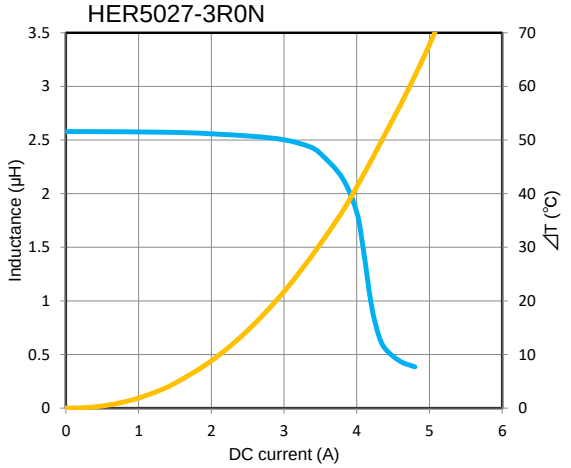


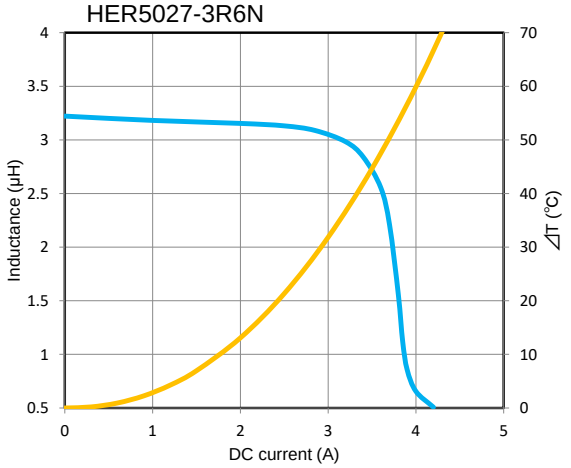
HER5027-2R0N



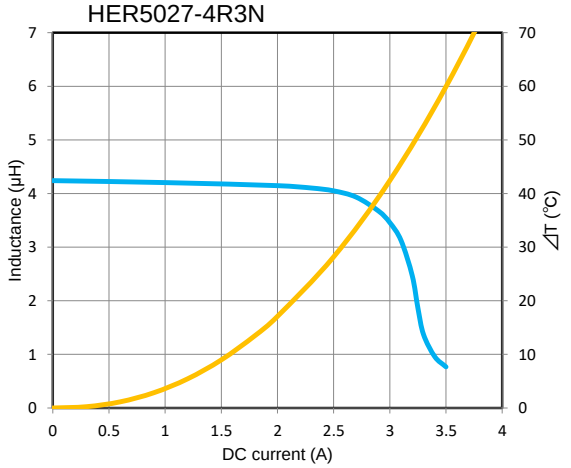
HER5027-3R0N



HER5027-3R6N



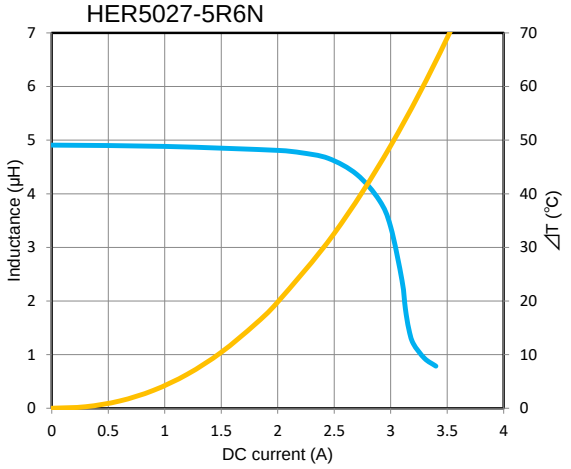
HER5027-4R3N



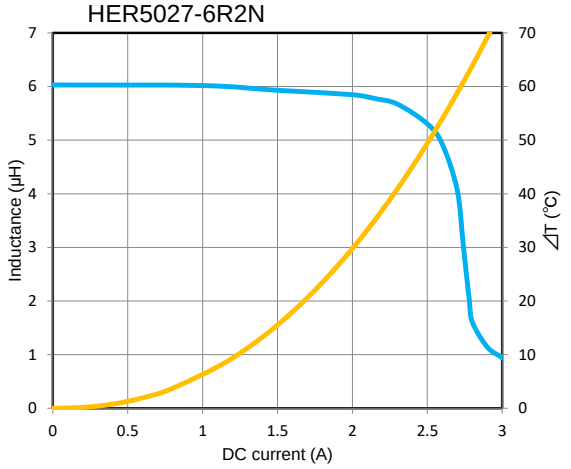
DC bias characteristics vs Temperature Rise Graph

L(25°C) ⊿T

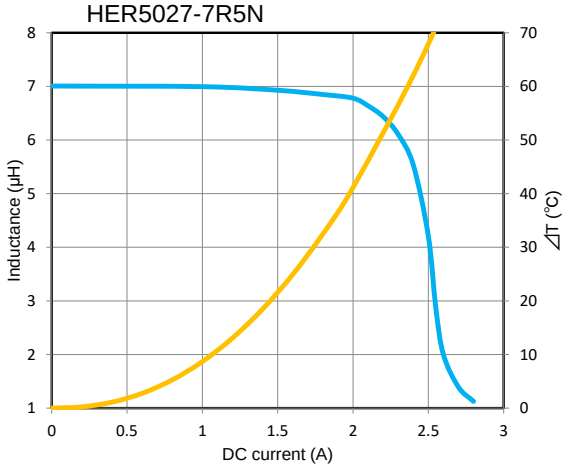
HER5027-5R6N



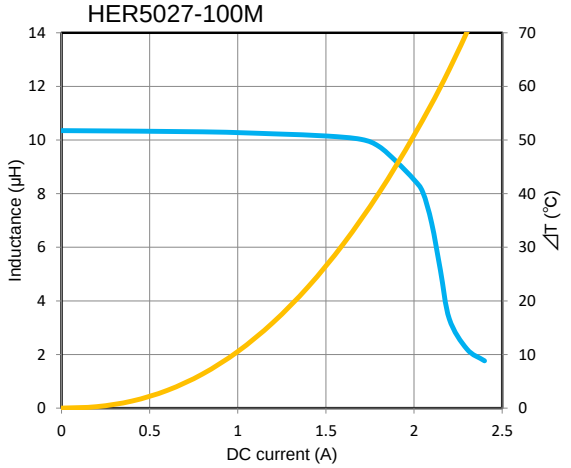
HER5027-6R2N



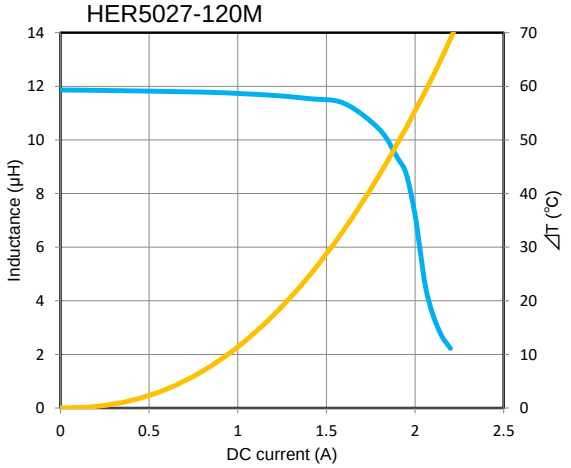
HER5027-7R5N



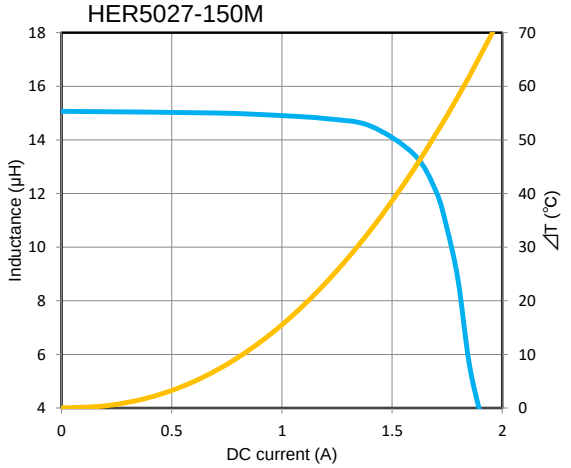
HER5027-100M



HER5027-120M



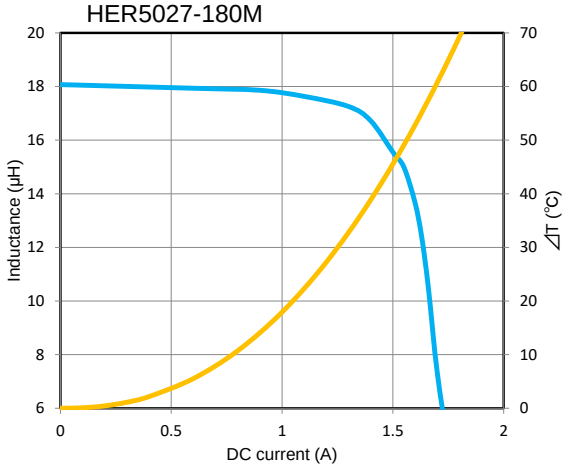
HER5027-150M



DC bias characteristics vs Temperature Rise Graph

L(25°C)　　⊿T

HER5027-180M



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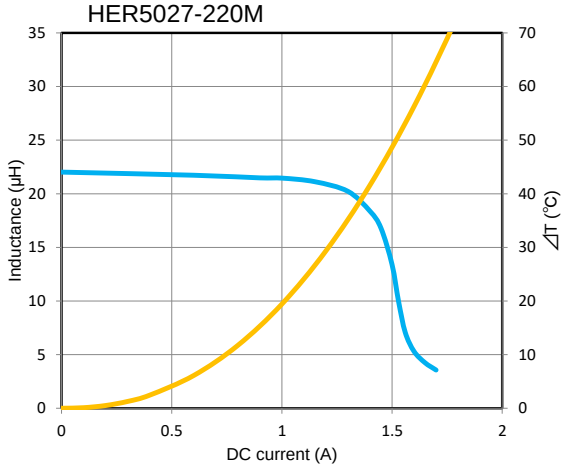
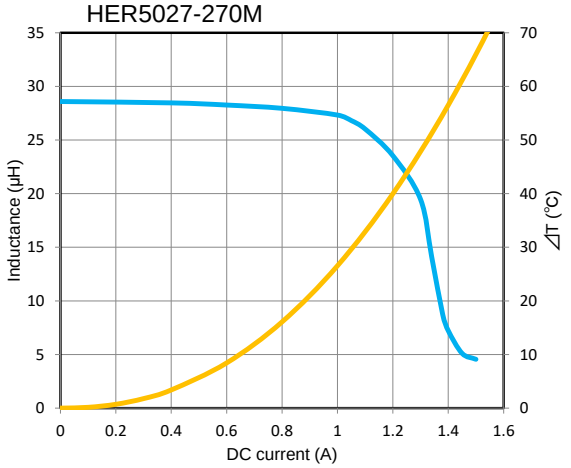
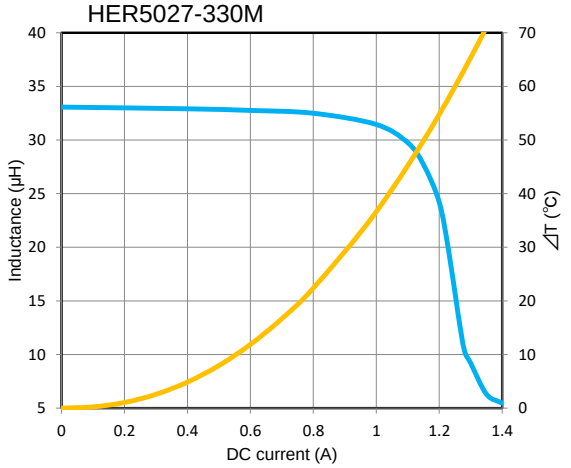


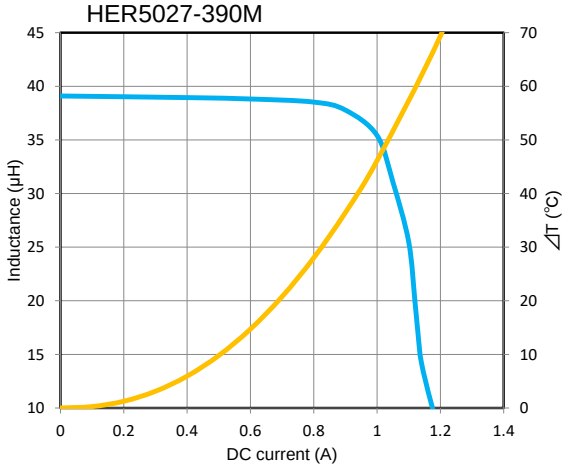
HER5027-270M



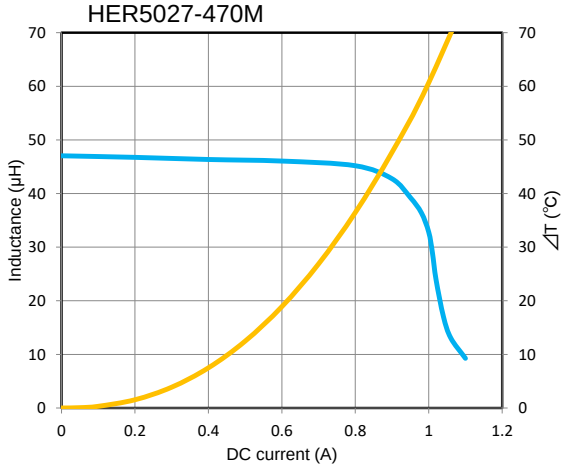
HER5027-330M



HER5027-390M



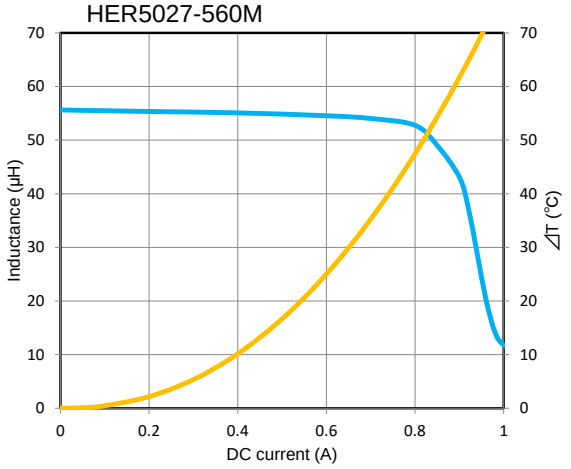
HER5027-470M



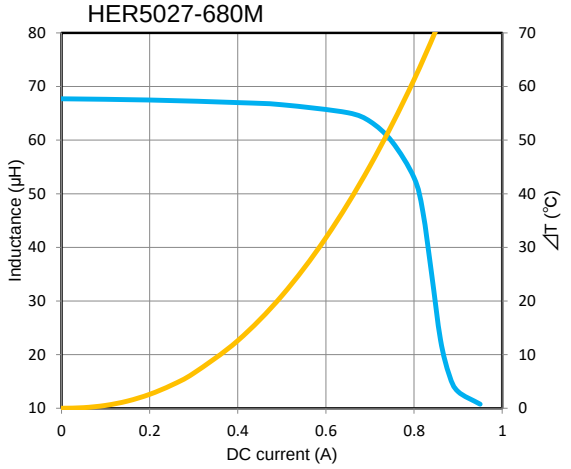
DC bias characteristics vs Temperature Rise Graph

L(25°C) ⊿T

HER5027-560M



HER5027-680M



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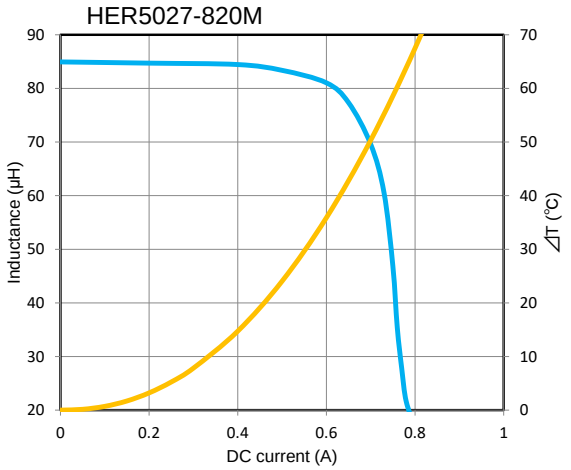
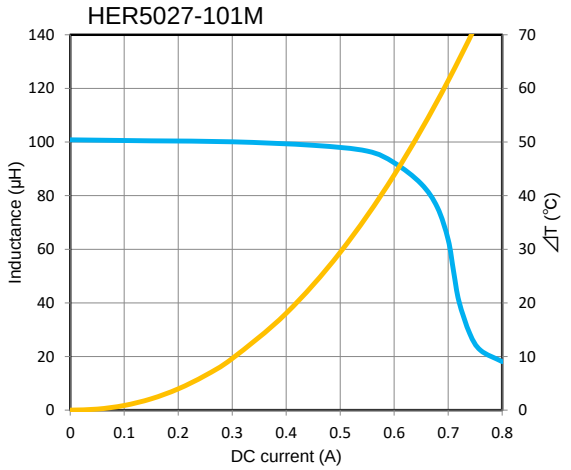


HER5027-101M



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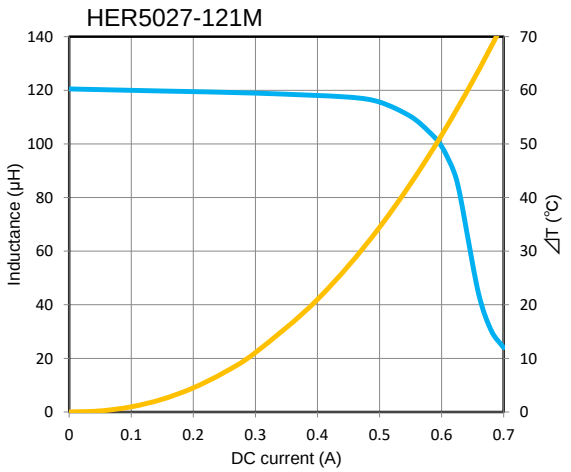

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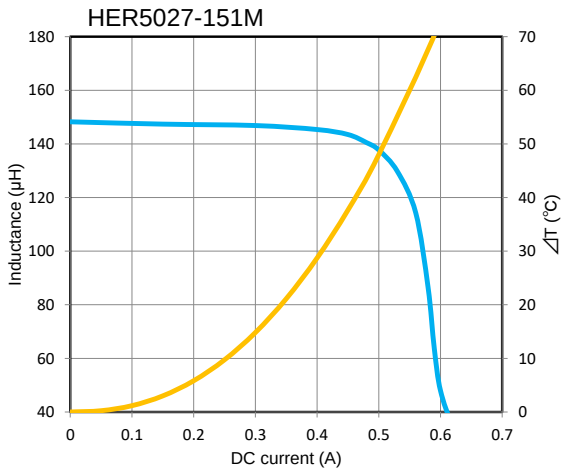
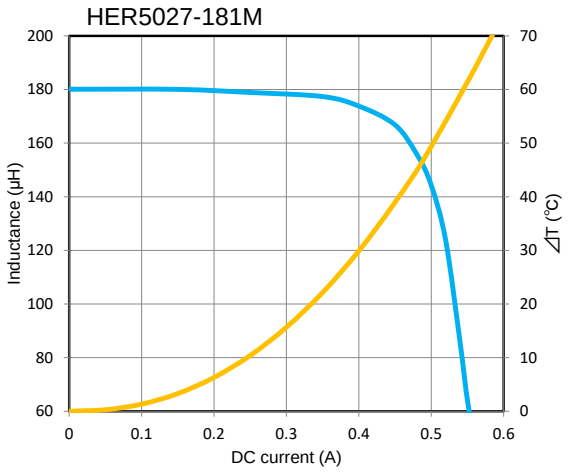


DC bias characteristics vs Temperature Rise Graph

L(25℃)　　⊿T