

HER6027



■ 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°C~+125°C（包含自身发热）

磁路构造：

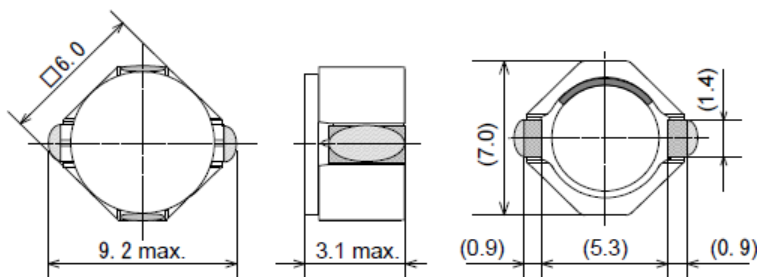


单体重： 0.36 g

■ 用途

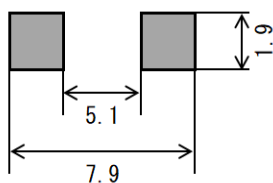
- 音频&映像/电视&显示器, 音乐随身听, 照相机
- 电脑/打印机, 个人电脑
- 其他/能源, 各种电源, 无线通讯机, 工业机器, 医疗机器, 美容机器

■ 外形尺寸



(单位：mm)

■ 推荐焊盘



(单位：mm)



相模电机（深圳）有限公司

△ 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。

深圳市龙华区观澜街道竹园工业区
营业部 TEL:0755-27985339
技术部 TEL:0755-27985209
<https://www.sagami-elec.co.jp>

■ 电气规格

相模品番	电感值 (μ H)	直流电阻 (Ω) $\pm 30\%$	额定 直流电流 (A)	额定温度 上升电流 (A)
HER6027-R82N	0.82 $\pm 30\%$	0.00700	7.20	6.70
HER6027-1R3N	1.3 $\pm 30\%$	0.00900	5.50	6.20
HER6027-2R0N	2 $\pm 30\%$	0.0120	5.00	5.00
HER6027-3R0N	3 $\pm 30\%$	0.0160	3.50	3.50
HER6027-3R9N	3.9 $\pm 30\%$	0.0270	3.20	3.20
HER6027-4R7N	4.7 $\pm 30\%$	0.0320	2.80	2.80
HER6027-6R2N	6.2 $\pm 30\%$	0.0360	2.60	2.60
HER6027-7R5N	7.5 $\pm 30\%$	0.0460	2.30	2.30
HER6027-9R1N	9.1 $\pm 30\%$	0.0560	2.00	2.00
HER6027-100M	10 $\pm 20\%$	0.0670	1.90	1.90
HER6027-120M	12 $\pm 20\%$	0.0720	1.80	1.80
HER6027-150M	15 $\pm 20\%$	0.0800	1.70	1.70
HER6027-180M	18 $\pm 20\%$	0.0900	1.60	1.60
HER6027-220M	22 $\pm 20\%$	0.100	1.50	1.50
HER6027-270M	27 $\pm 20\%$	0.130	1.30	1.30
HER6027-330M	33 $\pm 20\%$	0.160	1.10	1.10
HER6027-390M	39 $\pm 20\%$	0.200	1.00	1.00
HER6027-470M	47 $\pm 20\%$	0.240	0.900	0.900
HER6027-560M	56 $\pm 20\%$	0.330	0.850	0.850
HER6027-680M	68 $\pm 20\%$	0.370	0.750	0.750
HER6027-820M	82 $\pm 20\%$	0.400	0.700	0.700
HER6027-101M	100 $\pm 20\%$	0.460	0.650	0.650
HER6027-121M	120 $\pm 20\%$	0.530	0.600	0.600
HER6027-151M	150 $\pm 20\%$	0.670	0.500	0.500
HER6027-181M	180 $\pm 20\%$	0.870	0.470	0.470
HER6027-221M	220 $\pm 20\%$	1.11	0.450	0.450
HER6027-271M	270 $\pm 20\%$	1.46	0.400	0.380
HER6027-331M	330 $\pm 20\%$	1.67	0.370	0.370
HER6027-391M	390 $\pm 20\%$	1.85	0.350	0.350
HER6027-471M	470 $\pm 20\%$	2.05	0.300	0.300

电感量测试条件:100kHz, 1V(<10 μ H)、1kHz, 1V(≥ 10 μ H)

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°C以下的电流值



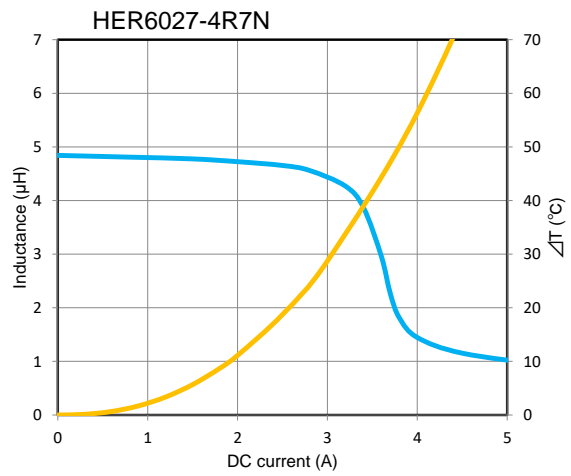
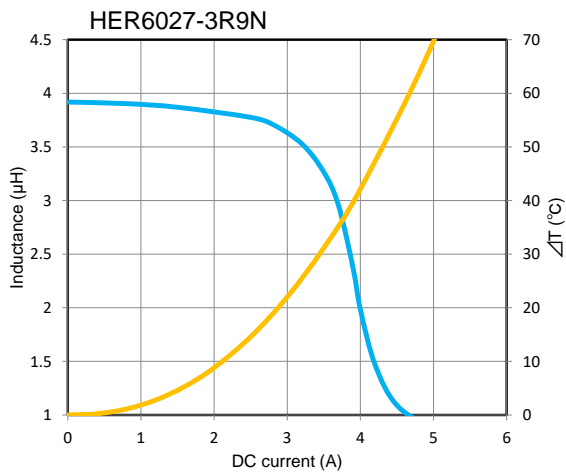
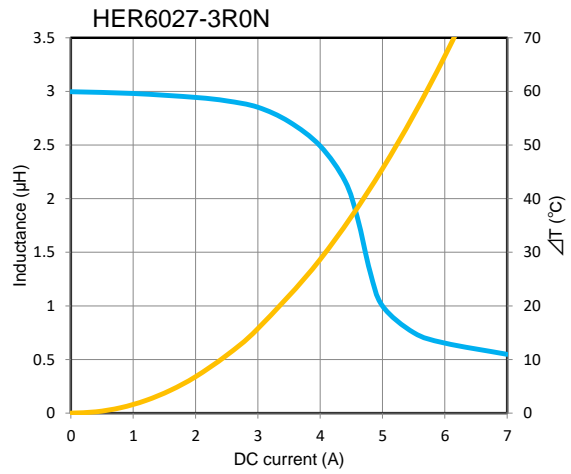
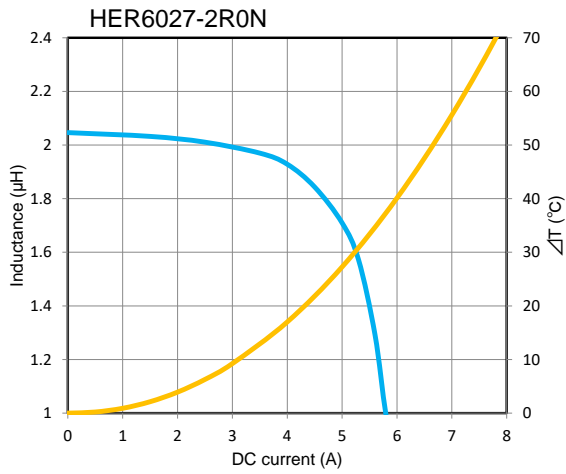
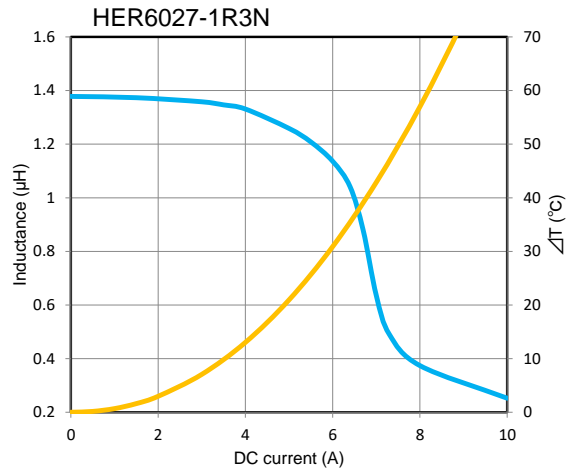
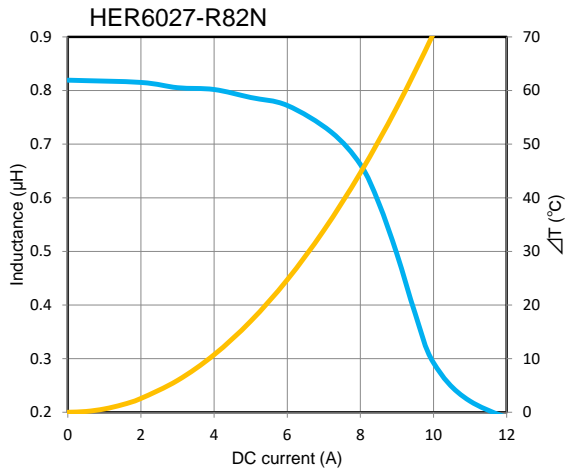
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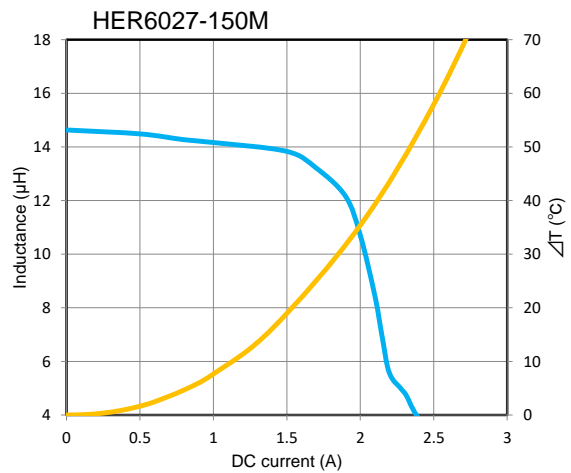
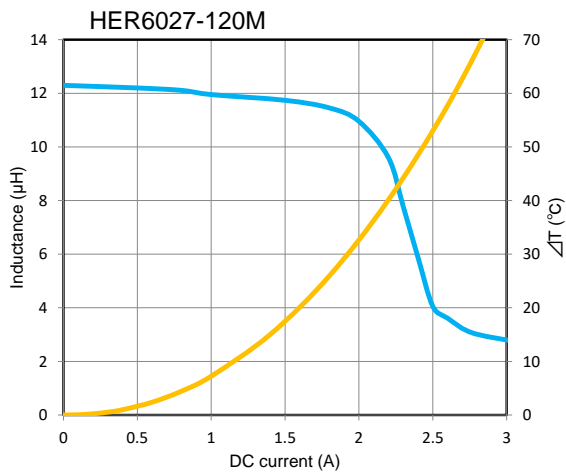
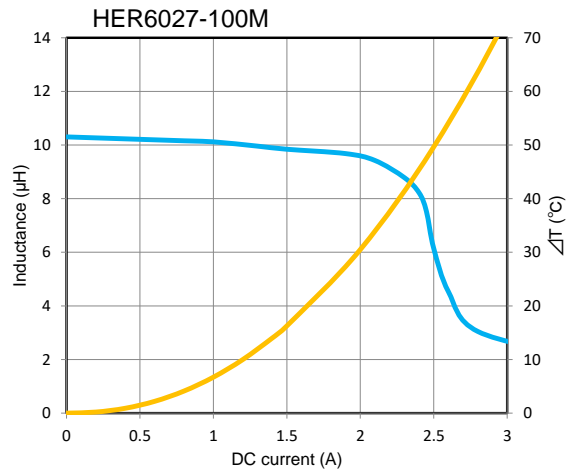
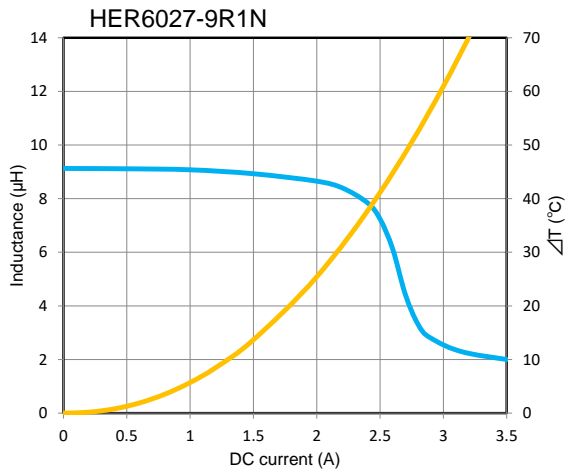
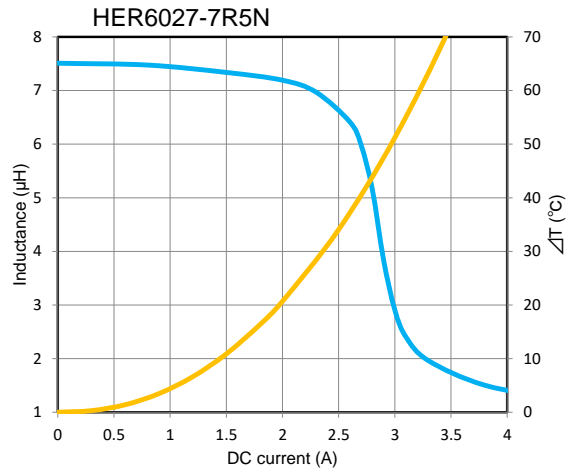
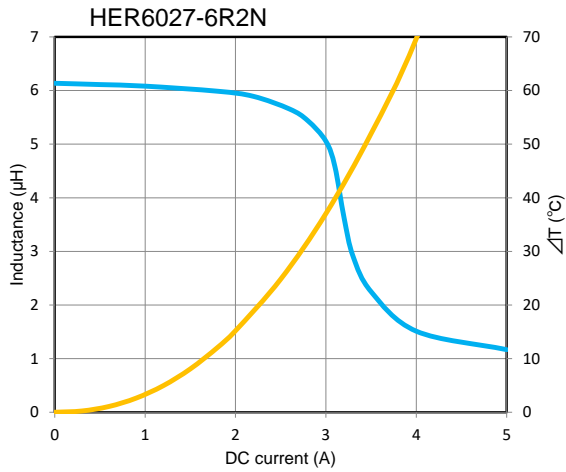
DC bias characteristics vs Temperature Rise Graph

■ L(25°C) ■ ΔT



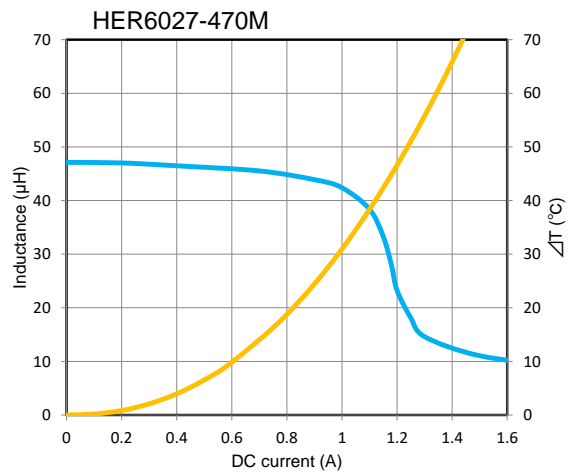
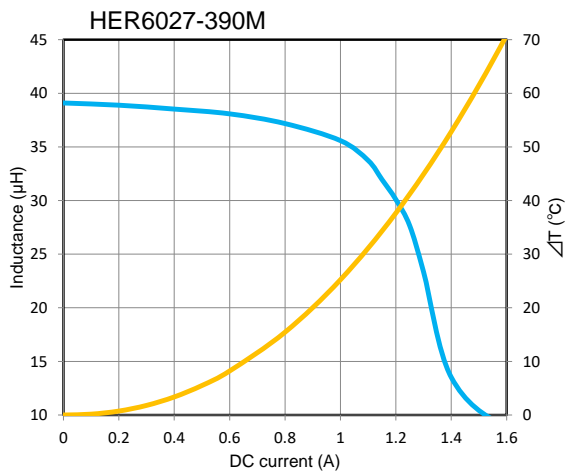
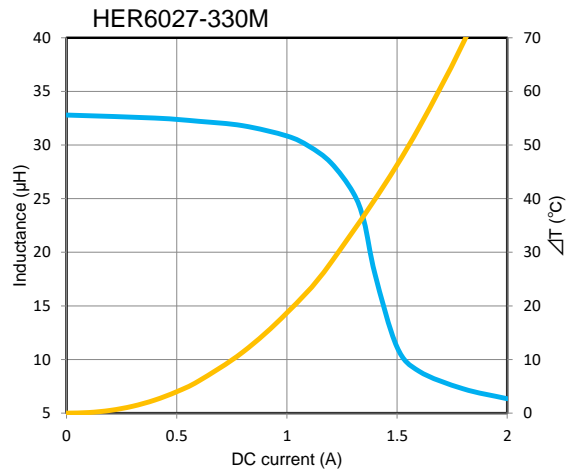
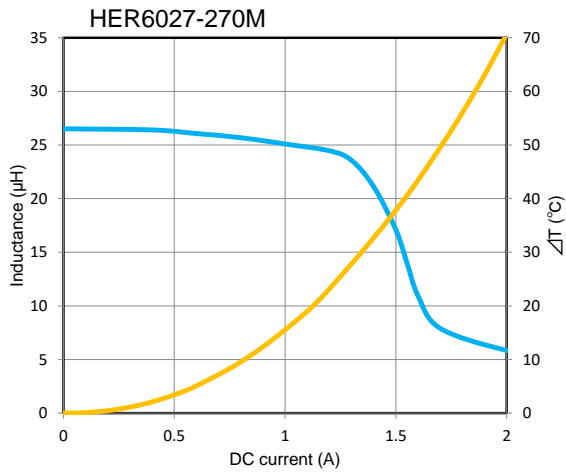
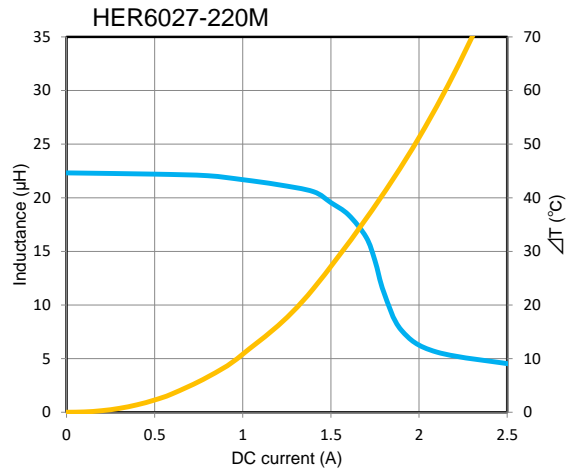
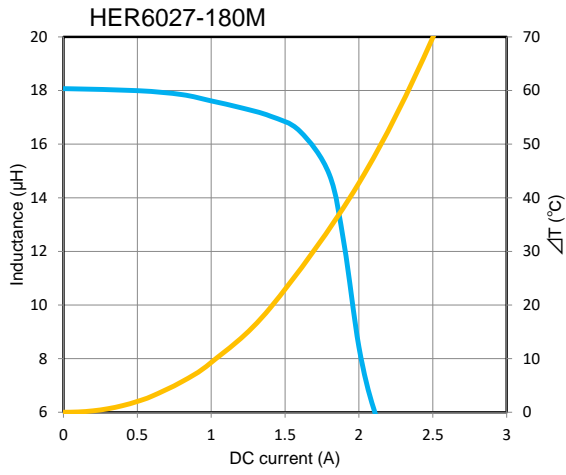
DC bias characteristics vs Temperature Rise Graph

— L(25°C) — ΔT



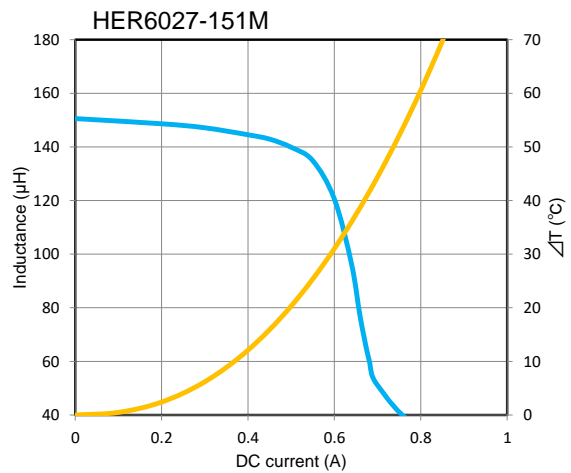
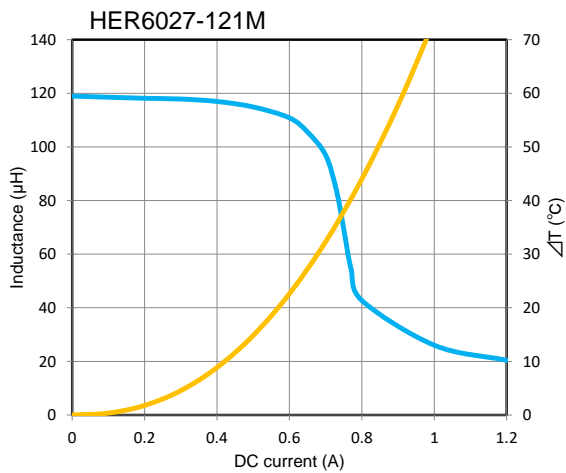
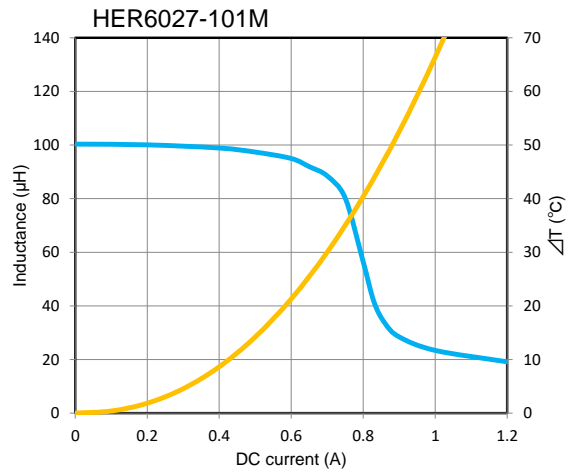
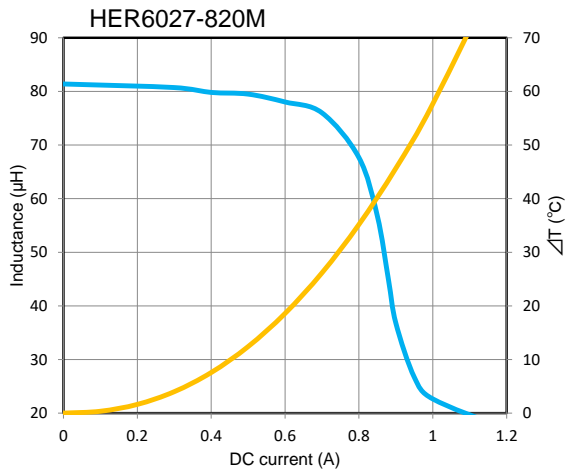
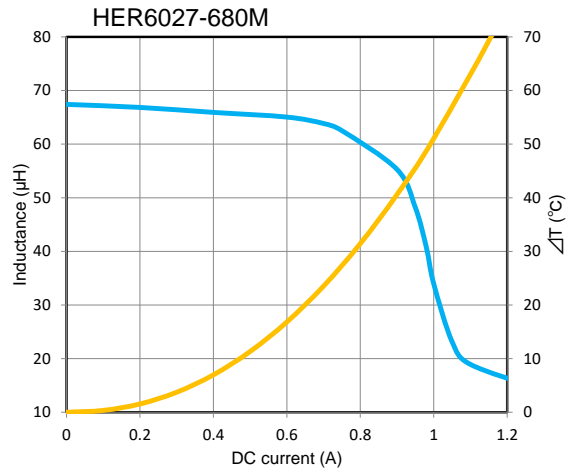
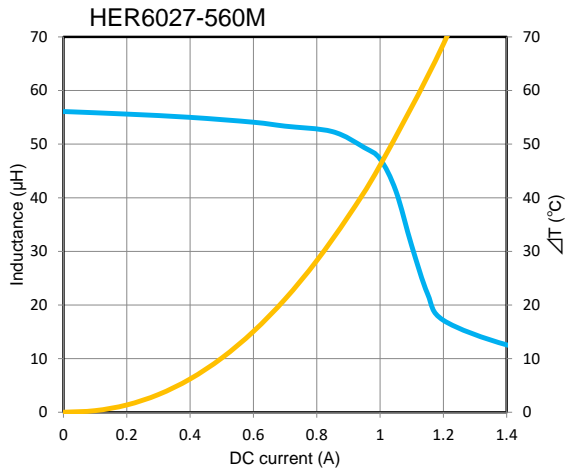
DC bias characteristics vs Temperature Rise Graph

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