CER7052B

■ 特长

- 成本有竞争力的廉价版
- 闭磁路形式的贴片功率电感
- 最适合作为电源的扼流线圈用
- 大电流的结构
- 工作温度范围：-40℃～+125℃（包含自身发热）

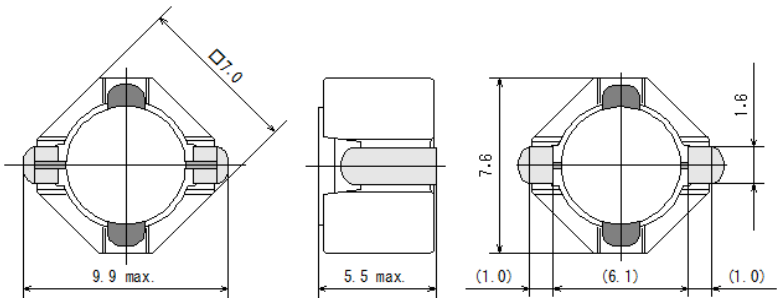
磁路构造：

单体重：　　0.89 g

■ 用途

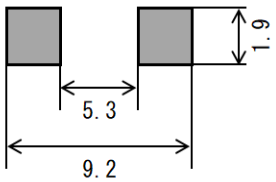
- 音频&映像/照相机, 录音机, 电视&显示器, 迷你音响, AV功放, 业务用攻放
- 电脑/投影仪, 个人电脑, 打印机
- 家电/LED照明
- 其他/医疗机器. 美容机器, 能源, 各种电源, 无线通讯机, 工业机器

■ 外形尺寸



（单位：mm）

■ 推荐焊盘



（单位：mm）

相模电机（深圳）有限公司
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

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

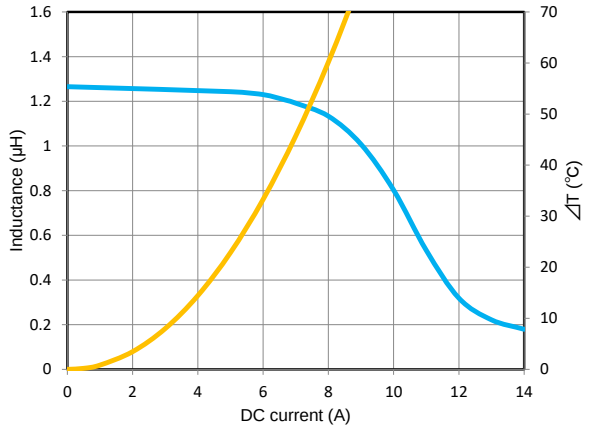
相模品番	电感值 (μH)	直流电阻 (Ω) ±30%	额定直流电流 (A)		额定温度上升电流 (A)	
			Typical	Spec	Typical	Spec
CER7052B-1R2N	1.2±30%	0.0090	9.50	6.70	6.20	4.60
CER7052B-1R8N	1.8±30%	0.0100	8.05	5.80	5.90	4.20
CER7052B-2R2N	2.2±30%	0.0120	7.00	4.95	5.50	4.00
CER7052B-3R0N	3±30%	0.0130	6.10	4.30	5.10	3.80
CER7052B-3R6N	3.6±30%	0.0150	5.50	3.90	4.80	3.60
CER7052B-4R3N	4.3±30%	0.0160	4.95	3.45	4.55	3.30
CER7052B-5R1N	5.1±30%	0.0180	4.65	3.30	4.30	3.10
CER7052B-6R2N	6.2±30%	0.0200	4.20	3.00	4.15	2.95
CER7052B-7R5N	7.5±30%	0.0210	3.90	2.80	3.95	2.80
CER7052B-8R2N	8.2±30%	0.0260	3.55	2.55	3.60	2.60
CER7052B-100M	10±20%	0.0320	3.40	2.40	3.30	2.40
CER7052B-120M	12±20%	0.0410	3.00	2.15	2.85	2.05
CER7052B-150M	15±20%	0.0470	2.70	1.90	2.65	1.90
CER7052B-180M	18±20%	0.0590	2.45	1.75	2.40	1.75
CER7052B-220M	22±20%	0.0720	2.20	1.55	2.10	1.55
CER7052B-270M	27±20%	0.0870	1.95	1.40	1.90	1.40
CER7052B-330M	33±20%	0.100	1.80	1.30	1.75	1.30
CER7052B-390M	39±20%	0.120	1.60	1.15	1.60	1.15
CER7052B-470M	47±20%	0.150	1.50	1.10	1.45	1.05
CER7052B-560M	56±20%	0.180	1.40	1.00	1.30	0.970
CER7052B-680M	68±20%	0.220	1.25	0.897	1.20	0.870
CER7052B-820M	82±20%	0.250	1.10	0.807	1.10	0.800
CER7052B-101M	100±20%	0.320	1.00	0.730	0.980	0.730
CER7052B-121M	120±20%	0.370	0.970	0.683	0.910	0.660
CER7052B-151M	150±20%	0.460	0.860	0.600	0.800	0.580
CER7052B-181M	180±20%	0.580	0.790	0.550	0.720	0.520
CER7052B-221M	220±20%	0.690	0.720	0.500	0.650	0.470
CER7052B-271M	270±20%	0.860	0.640	0.450	0.580	0.420
CER7052B-331M	330±20%	0.980	0.570	0.403	0.550	0.390
CER7052B-391M	390±20%	1.21	0.520	0.365	0.480	0.350
CER7052B-471M	470±20%	1.56	0.470	0.333	0.420	0.310
CER7052B-561M	560±20%	1.75	0.440	0.307	0.390	0.290
CER7052B-681M	680±20%	2.20	0.400	0.282	0.350	0.260
CER7052B-821M	820±20%	2.44	0.360	0.259	0.330	0.250
CER7052B-102M	1000±20%	3.19	0.330	0.227	0.290	0.212

电感量测试条件:100kHz,1V
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℃) ⊿T

CER7052B-1R2N



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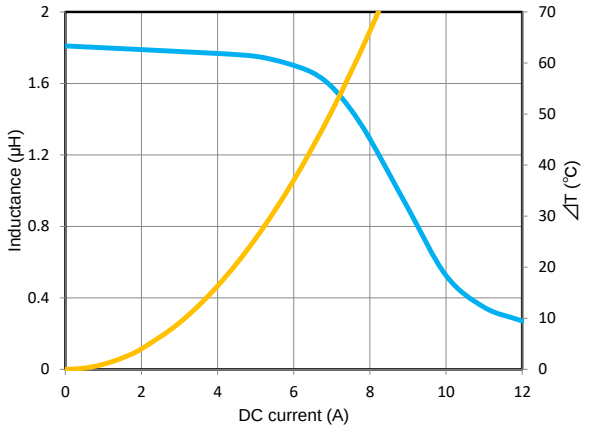

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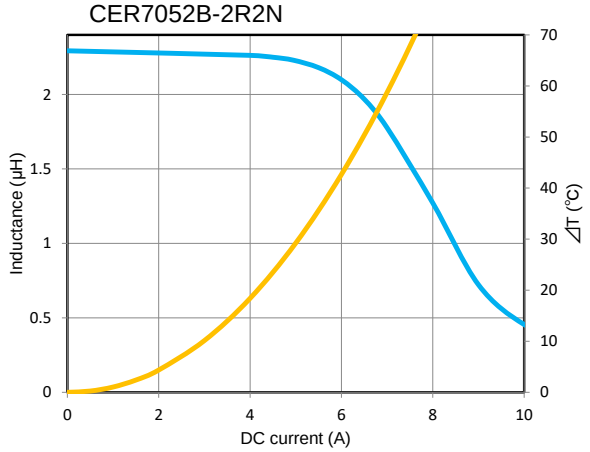

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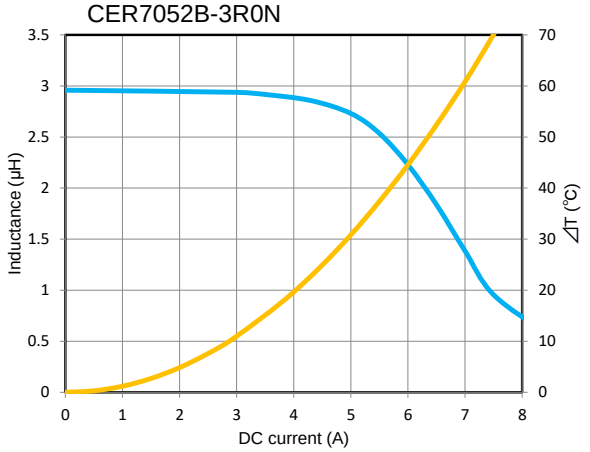

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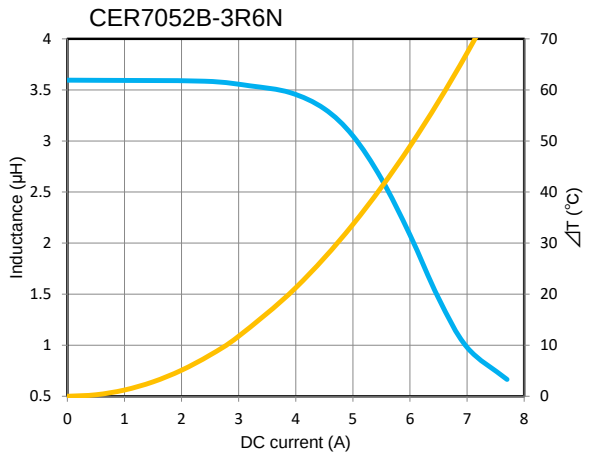

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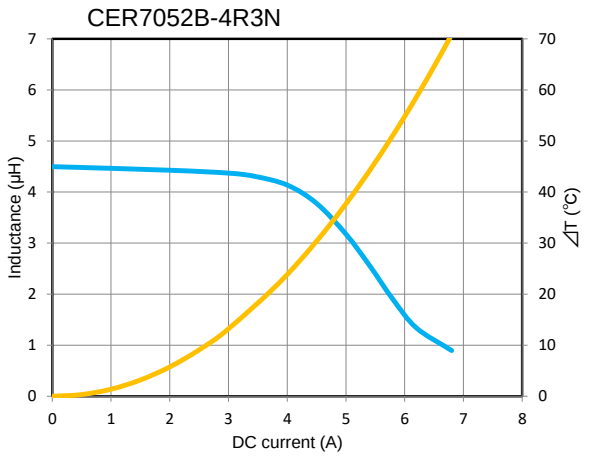

DC bias characteristics vs Temperature Rise Graph

L(25℃)　　⊿T

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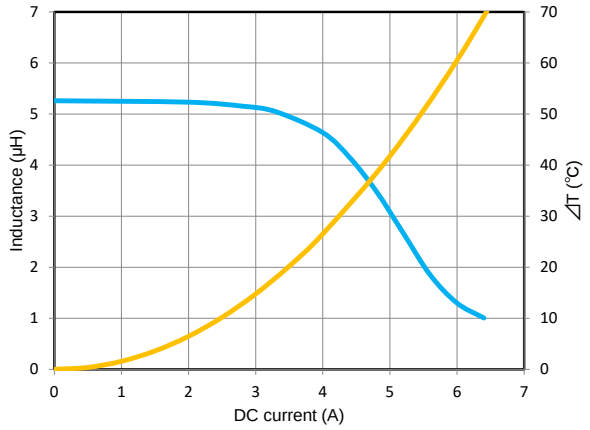

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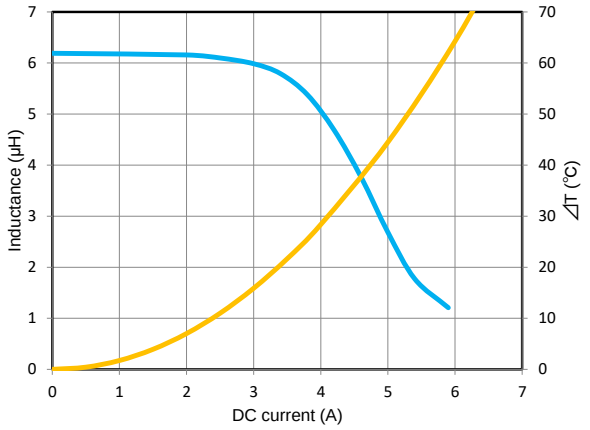

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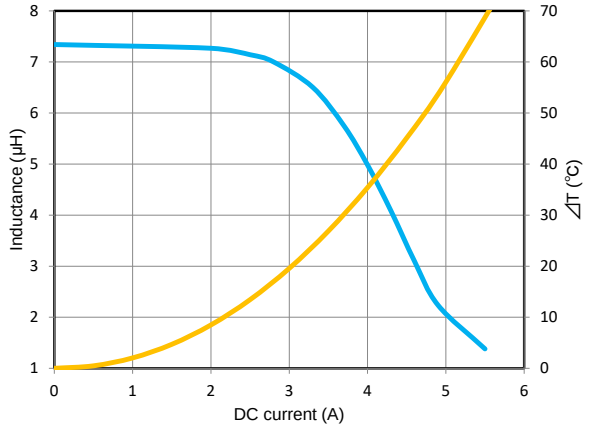

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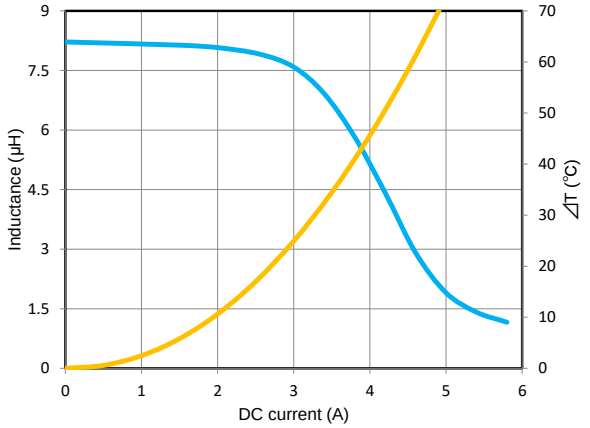

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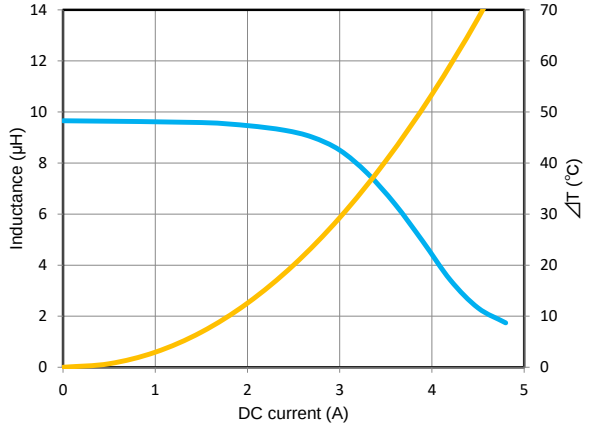

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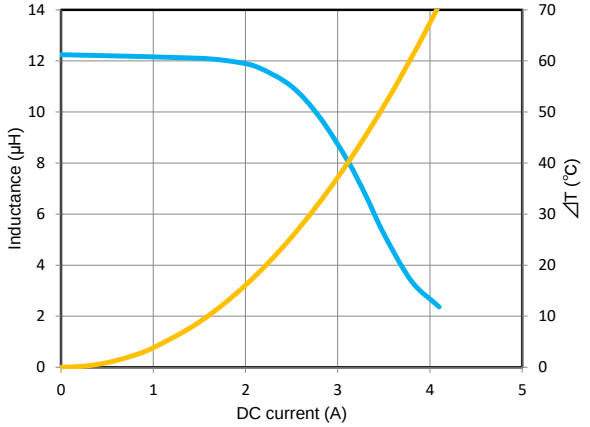

DC bias characteristics vs Temperature Rise Graph

L(25℃) ⊿T

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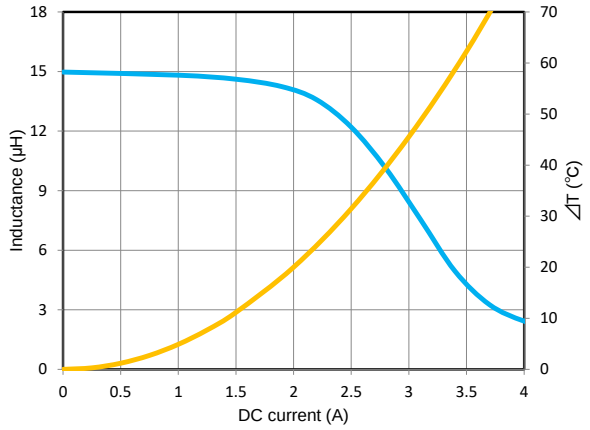

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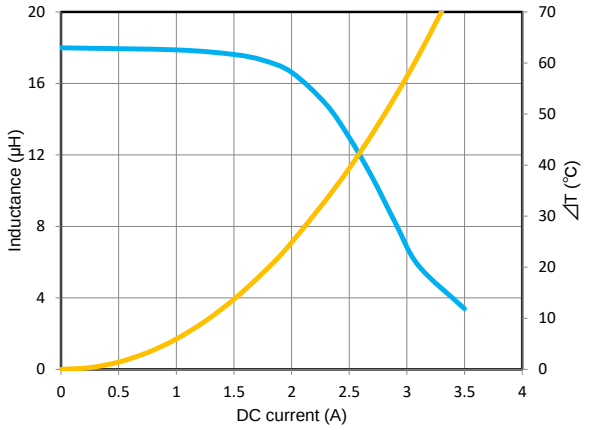

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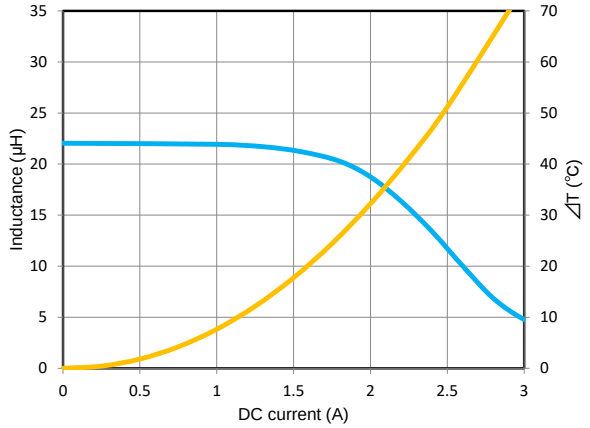

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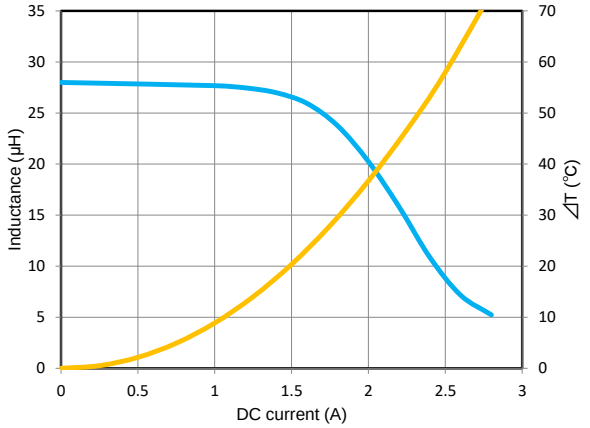

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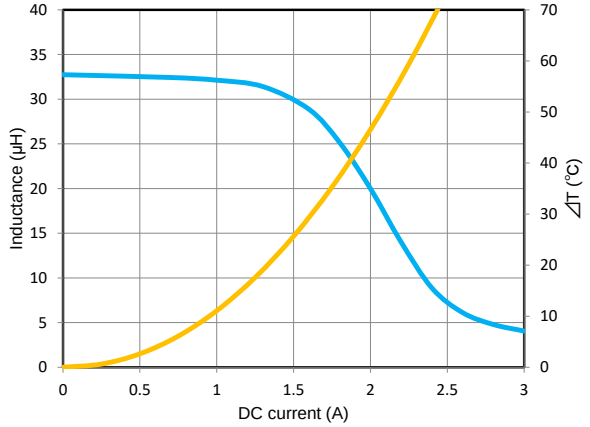

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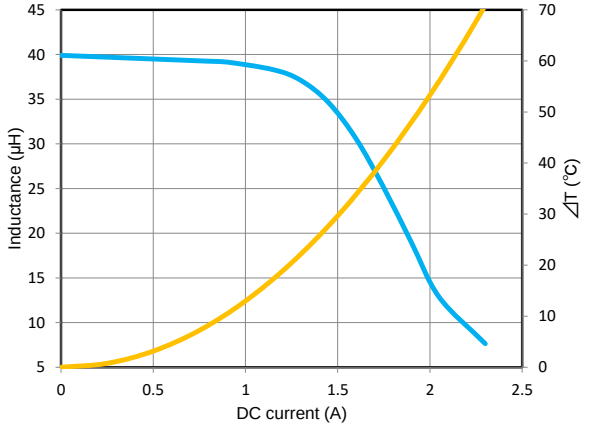

DC bias characteristics vs Temperature Rise Graph

L(25℃) ⊿T

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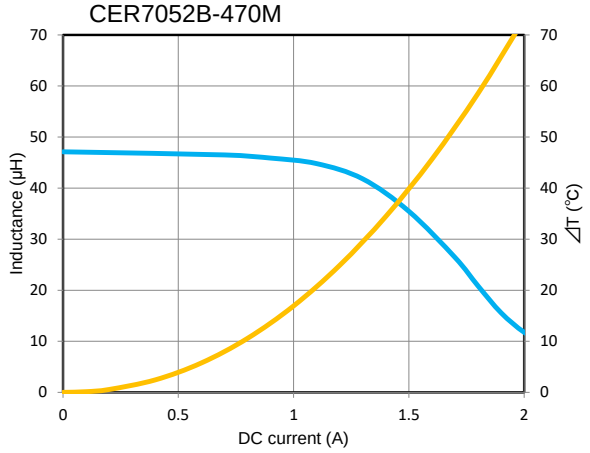

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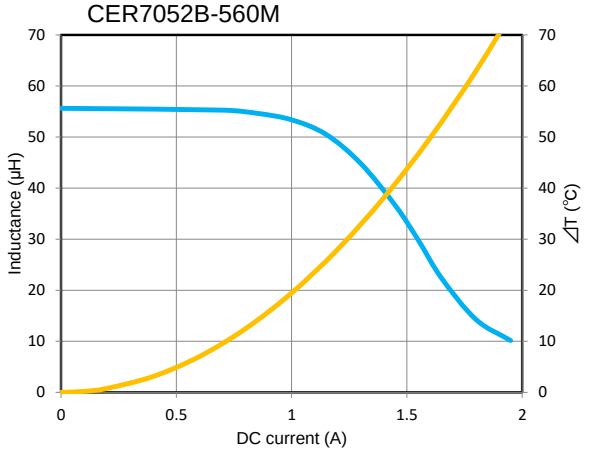

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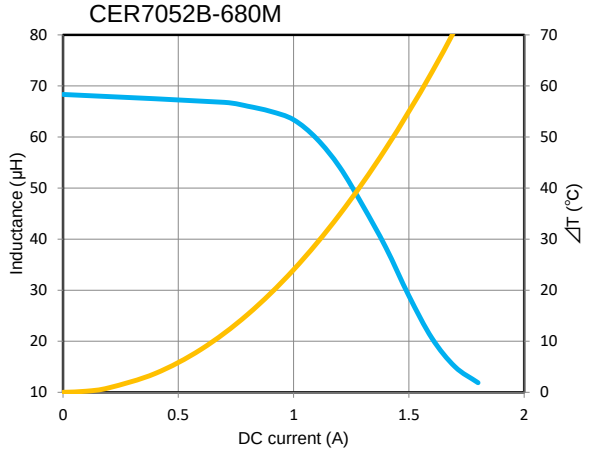

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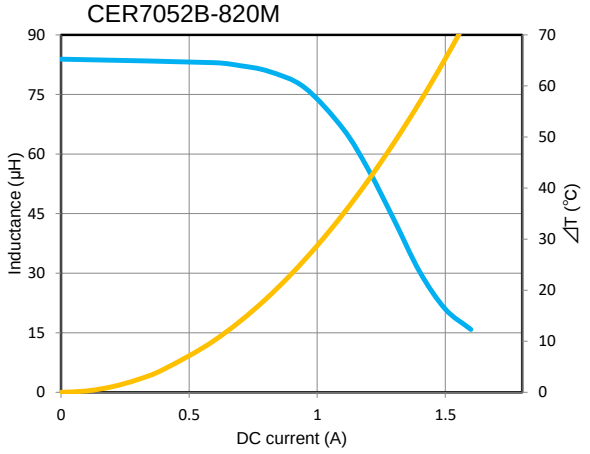

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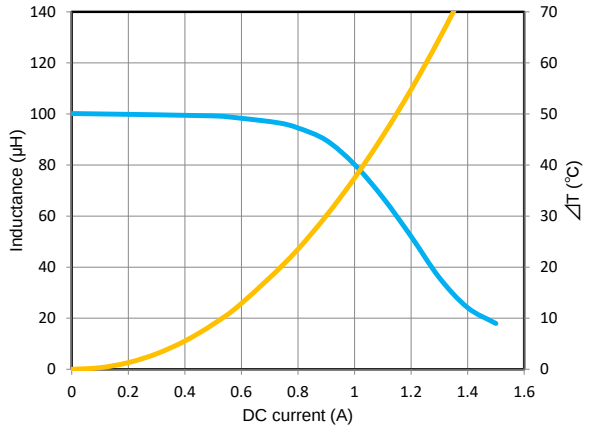

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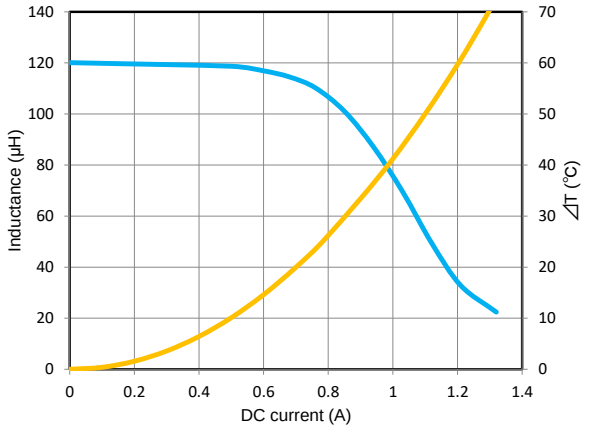

DC bias characteristics vs Temperature Rise Graph

L(25℃)　　⊿T

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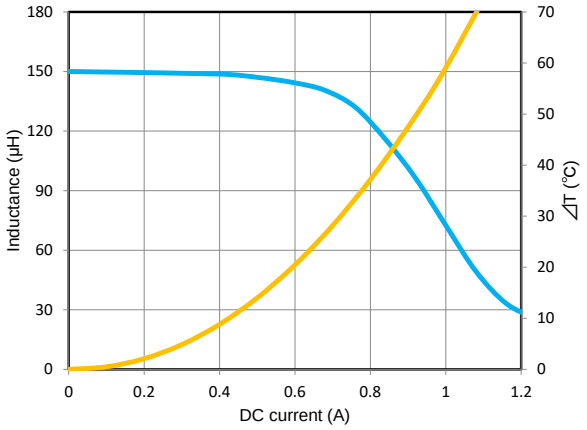

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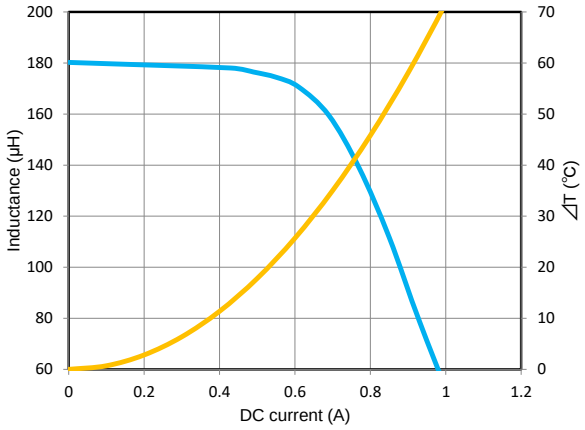

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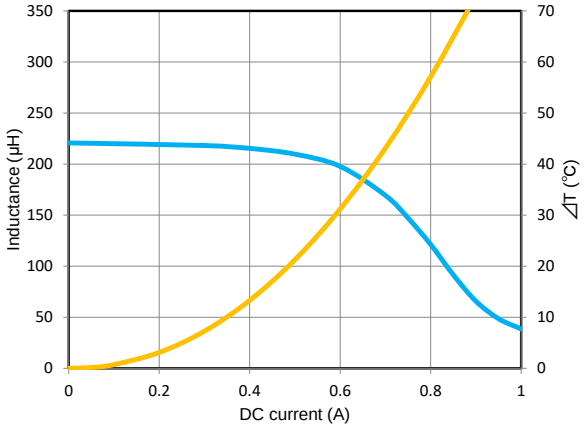

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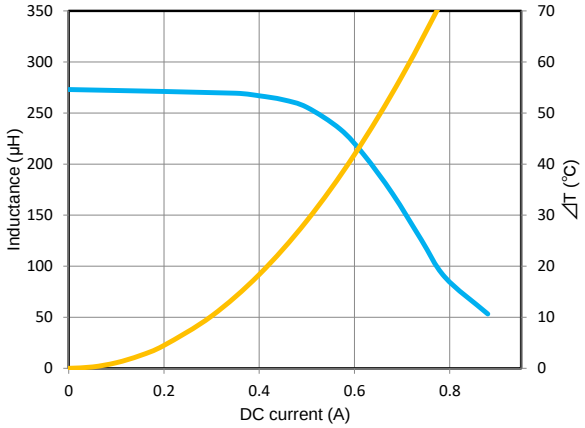

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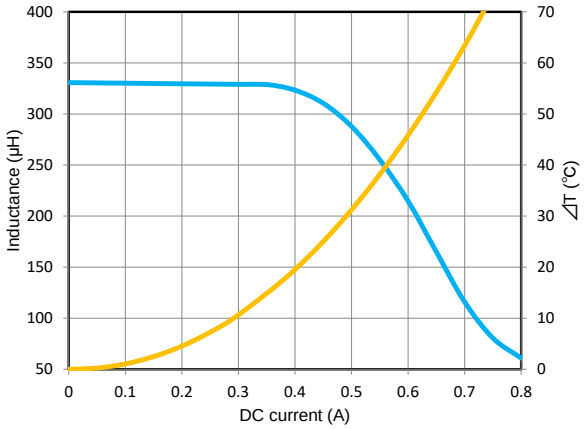

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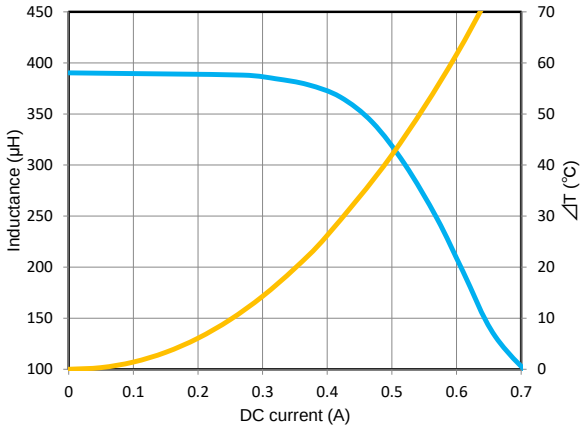

DC bias characteristics vs Temperature Rise Graph

L(25℃) ⊿T

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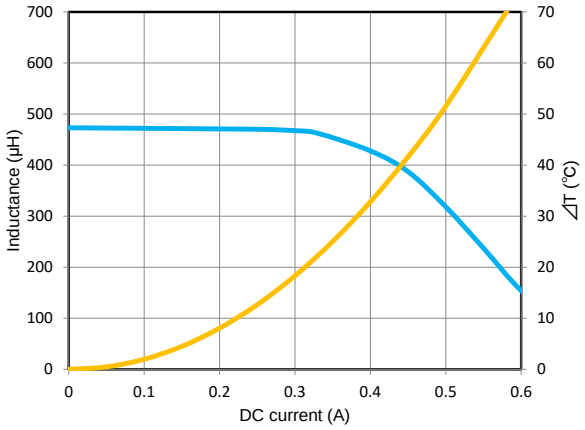

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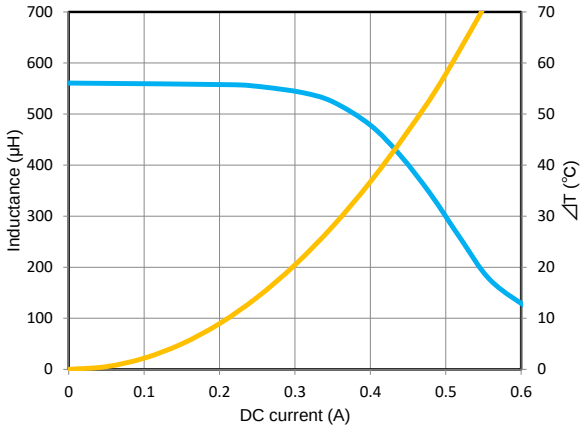

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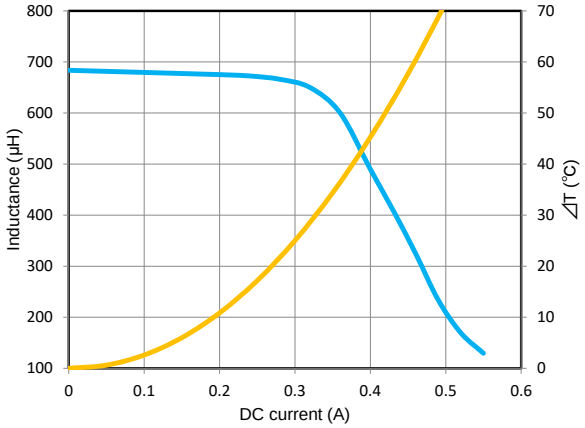

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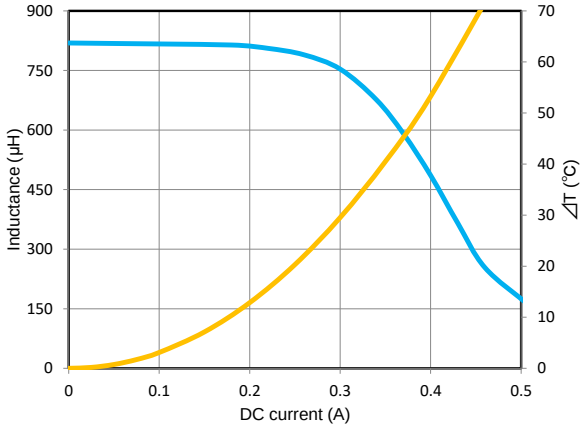
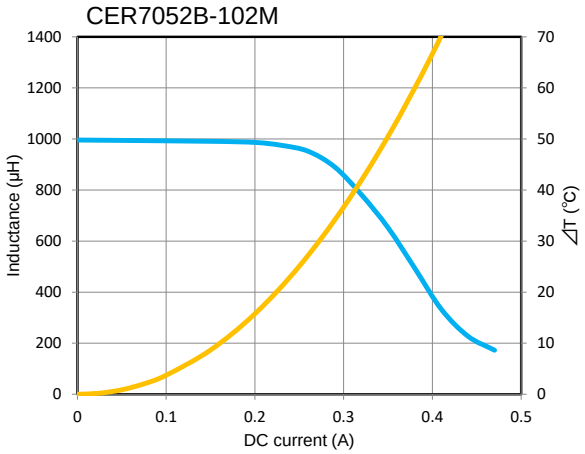
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