

CER8065B



■ 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，低电阻的结构
- 工作温度范围：-40℃~+125℃（包含自身发热）

磁路构造：

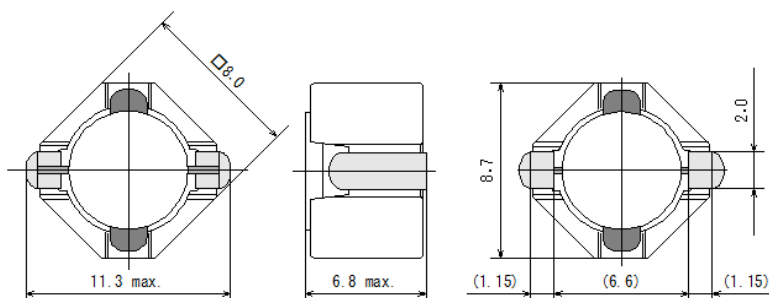


单体重： 1.4 g

■ 用途

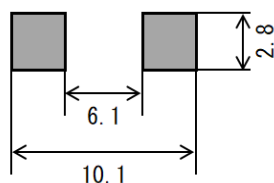
- 音频&映像/电视&显示器, 迷你音响, AV功放, 业务用功放, 照相机, 录音机
- 车载/LED前灯
- 电脑/个人电脑, 打印机, 投影仪
- 家电/LED照明
- 其他/电源, 各种电源, 无线通讯机, 工业机器, 医疗机器, 美容机器

■ 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。

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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)	
			Typical	Spec	Typical	Spec
CER8065B-1R2N	1.2 $\pm 30\%$	0.00700	15.4	11.6	7.45	5.70
CER8065B-1R8N	1.8 $\pm 30\%$	0.00800	12.3	9.30	6.80	5.20
CER8065B-2R4N	2.4 $\pm 30\%$	0.00900	10.2	7.80	6.35	4.70
CER8065B-3R0N	3 $\pm 30\%$	0.0100	9.35	7.10	5.90	4.45
CER8065B-3R9N	3.9 $\pm 30\%$	0.0130	7.85	5.90	5.30	4.00
CER8065B-5R1N	5.1 $\pm 30\%$	0.0140	7.00	5.15	5.00	3.80
CER8065B-6R2N	6.2 $\pm 30\%$	0.0170	6.45	4.80	4.60	3.55
CER8065B-7R5N	7.5 $\pm 30\%$	0.0190	6.25	4.60	4.35	3.25
CER8065B-8R2N	8.2 $\pm 30\%$	0.0210	5.55	4.10	4.20	3.10
CER8065B-100M	10 $\pm 20\%$	0.0250	5.10	3.90	3.80	2.80
CER8065B-120M	12 $\pm 20\%$	0.0270	4.85	3.60	3.65	2.70
CER8065B-150M	15 $\pm 20\%$	0.0340	4.30	3.10	3.25	2.40
CER8065B-180M	18 $\pm 20\%$	0.0440	3.85	2.80	2.85	2.10
CER8065B-220M	22 $\pm 20\%$	0.0510	3.65	2.60	2.65	1.95
CER8065B-270M	27 $\pm 20\%$	0.0700	3.10	2.25	2.25	1.65
CER8065B-330M	33 $\pm 20\%$	0.0850	2.90	2.05	2.05	1.50
CER8065B-390M	39 $\pm 20\%$	0.100	2.60	1.95	1.85	1.35
CER8065B-470M	47 $\pm 20\%$	0.120	2.30	1.70	1.70	1.25
CER8065B-560M	56 $\pm 20\%$	0.150	2.20	1.55	1.55	1.10
CER8065B-680M	68 $\pm 20\%$	0.180	2.00	1.45	1.40	1.05
CER8065B-820M	82 $\pm 20\%$	0.190	1.80	1.30	1.35	0.980
CER8065B-101M	100 $\pm 20\%$	0.240	1.65	1.20	1.20	0.890
CER8065B-121M	120 $\pm 20\%$	0.280	1.55	1.10	1.10	0.810
CER8065B-151M	150 $\pm 20\%$	0.350	1.35	1.00	1.00	0.720
CER8065B-181M	180 $\pm 20\%$	0.420	1.25	0.930	0.930	0.660
CER8065B-221M	220 $\pm 20\%$	0.510	1.10	0.820	0.840	0.600
CER8065B-271M	270 $\pm 20\%$	0.610	1.00	0.750	0.760	0.540
CER8065B-331M	330 $\pm 20\%$	0.770	0.930	0.680	0.680	0.480
CER8065B-391M	390 $\pm 20\%$	0.930	0.850	0.630	0.620	0.440
CER8065B-471M	470 $\pm 20\%$	1.13	0.780	0.570	0.560	0.400
CER8065B-561M	560 $\pm 20\%$	1.24	0.710	0.530	0.540	0.380
CER8065B-681M	680 $\pm 20\%$	1.55	0.640	0.480	0.480	0.340
CER8065B-821M	820 $\pm 20\%$	1.95	0.580	0.430	0.430	0.300
CER8065B-102M	1000 $\pm 20\%$	2.17	0.530	0.380	0.410	0.280

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

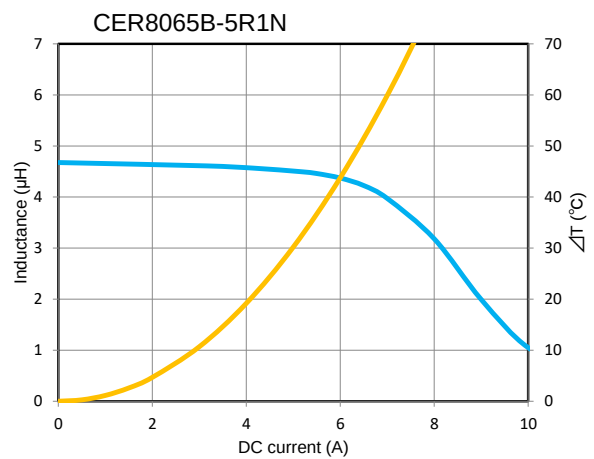
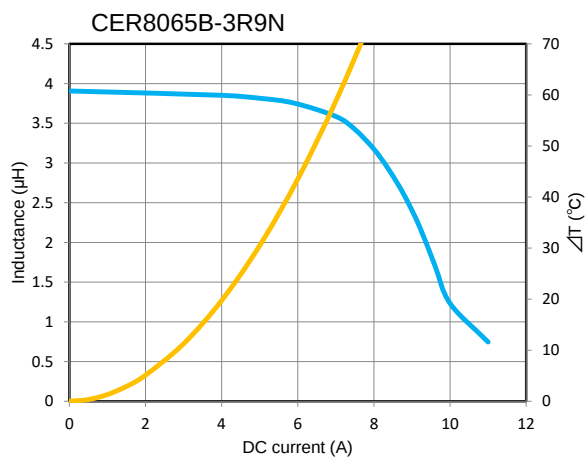
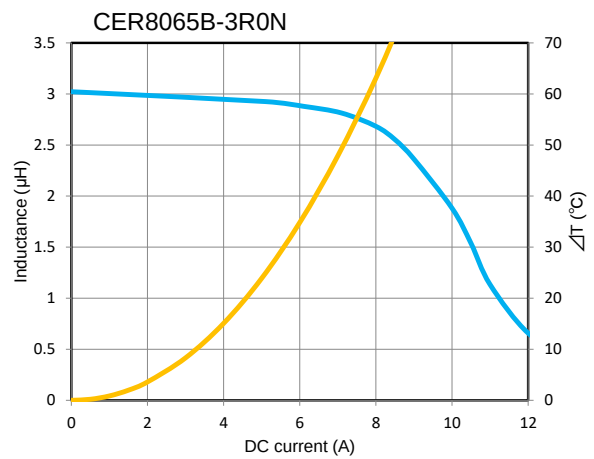
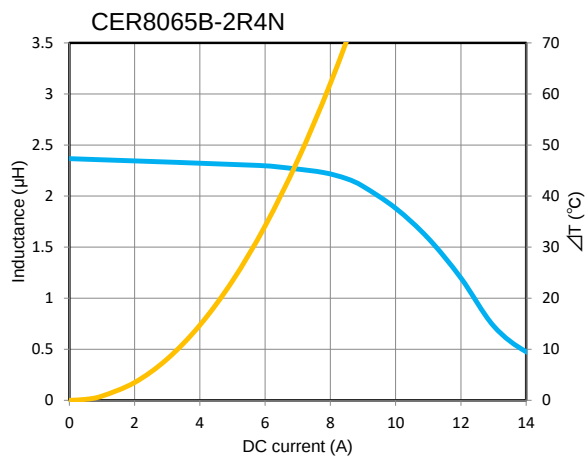
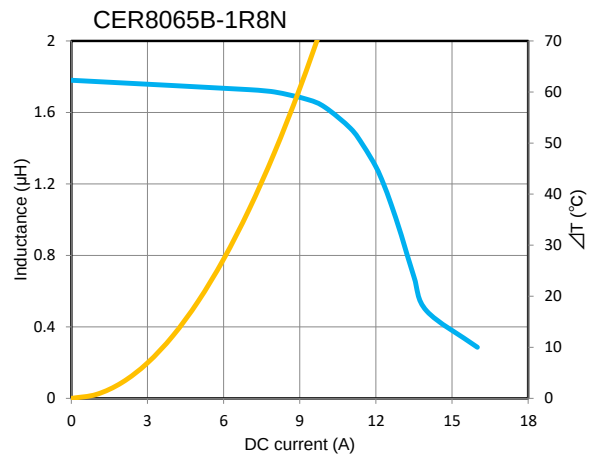
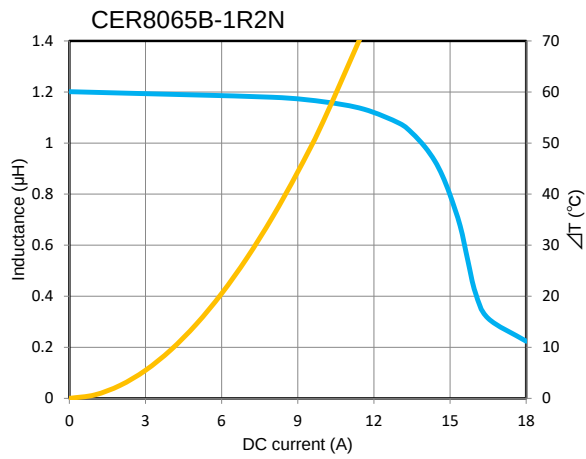
DC bias characteristics vs Temperature Rise Graph



L(25°C)



ΔT



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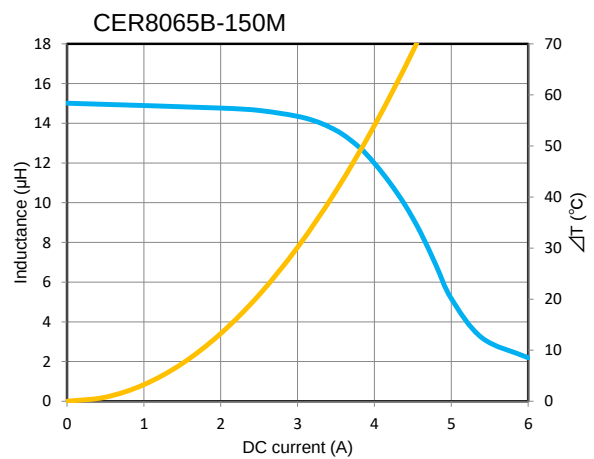
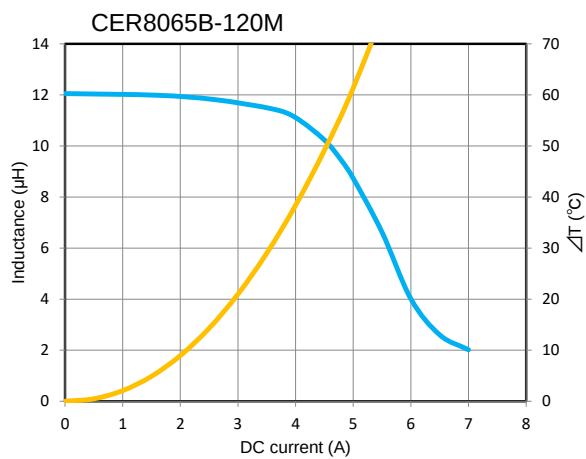
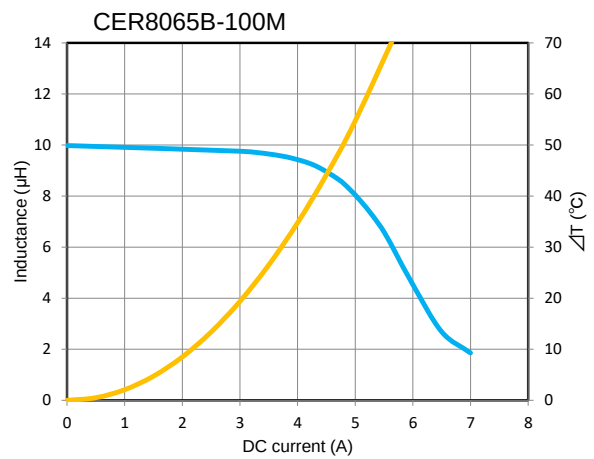
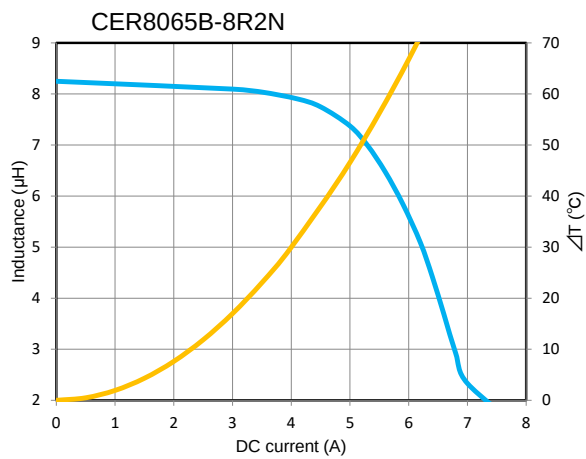
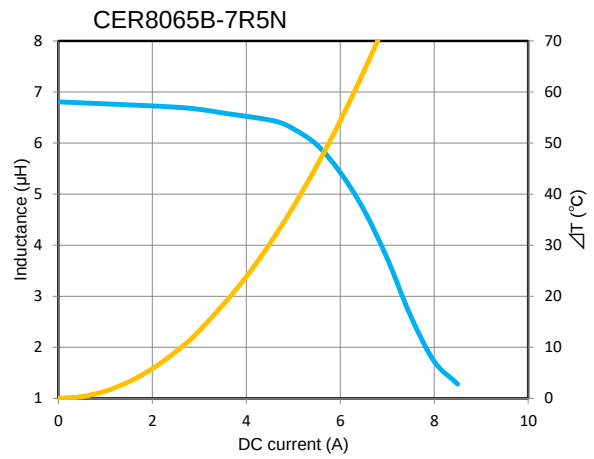
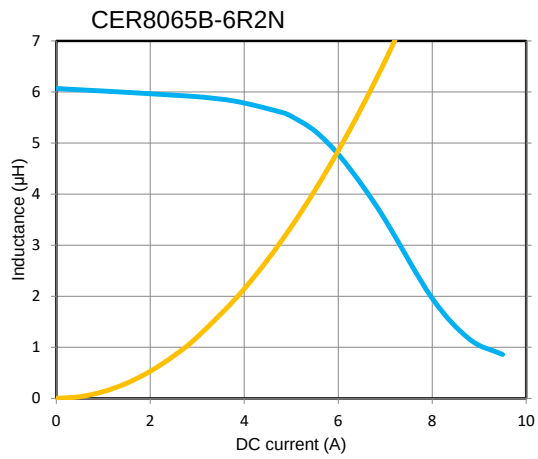
DC bias characteristics vs Temperature Rise Graph



L(25°C)



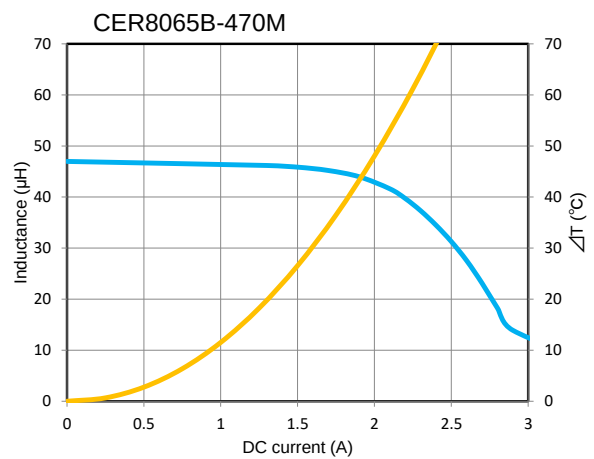
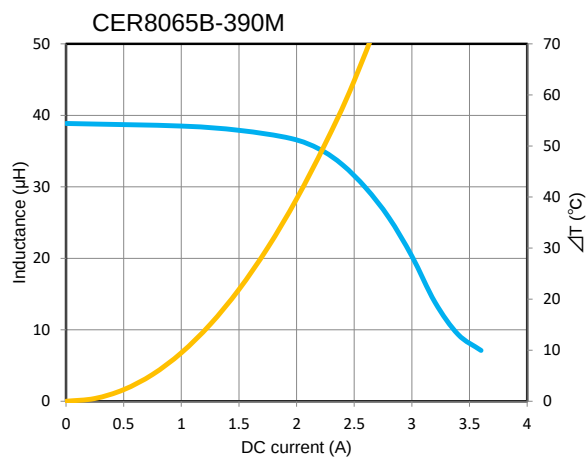
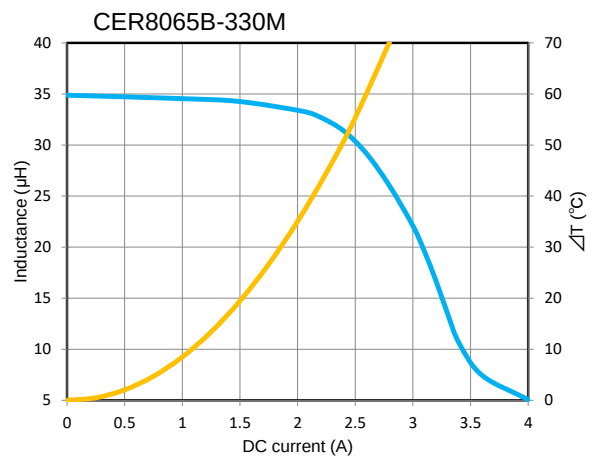
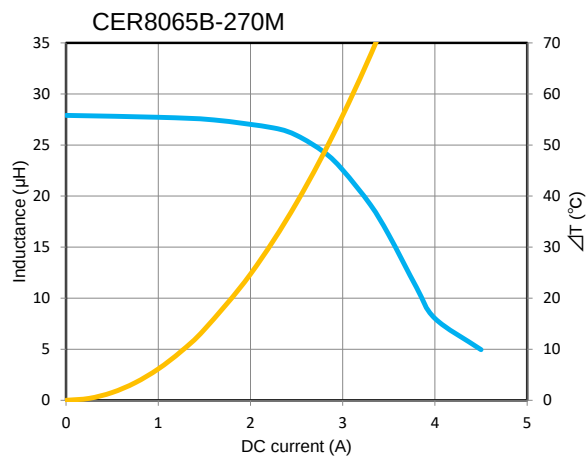
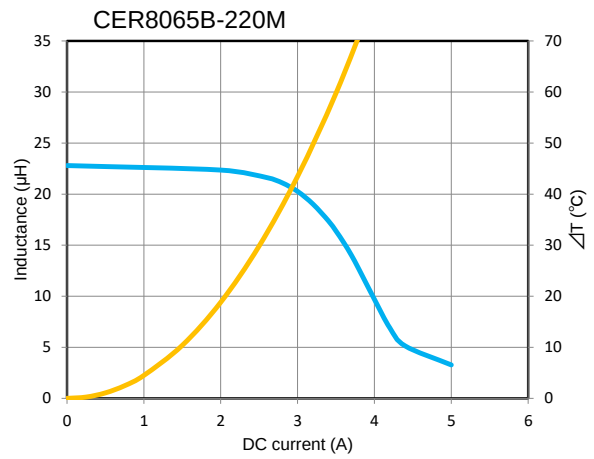
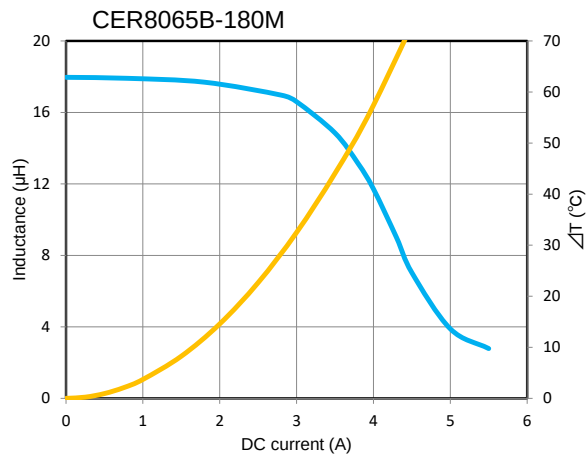
ΔT



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DC bias characteristics vs Temperature Rise Graph

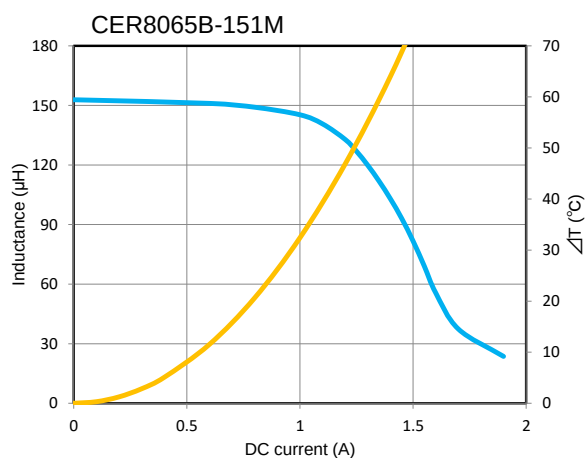
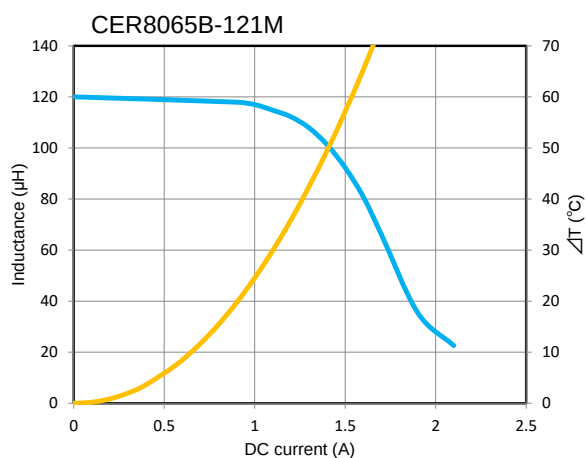
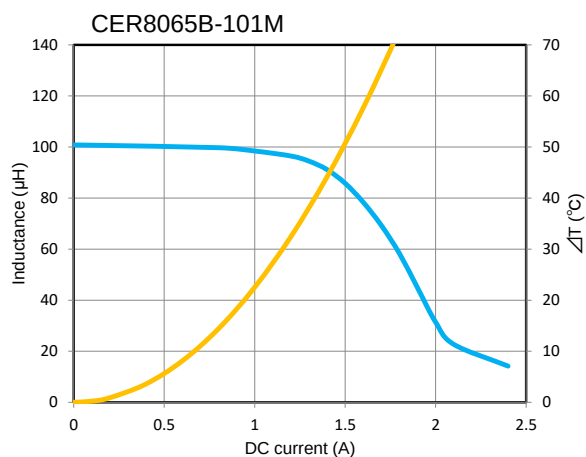
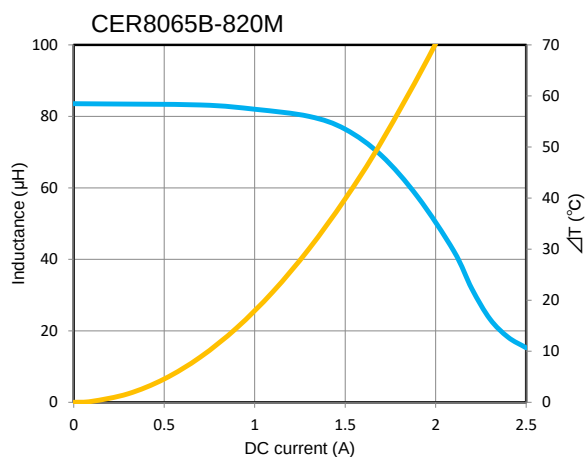
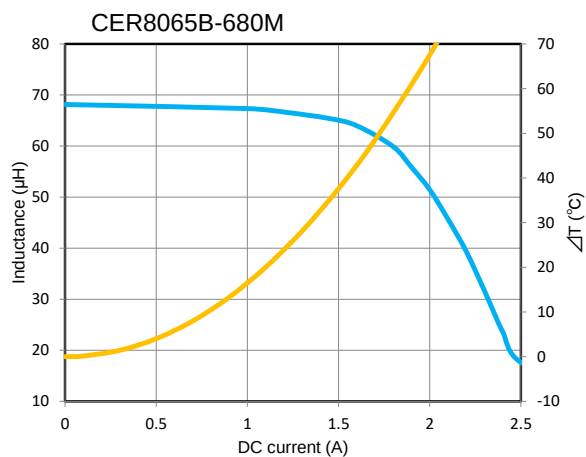
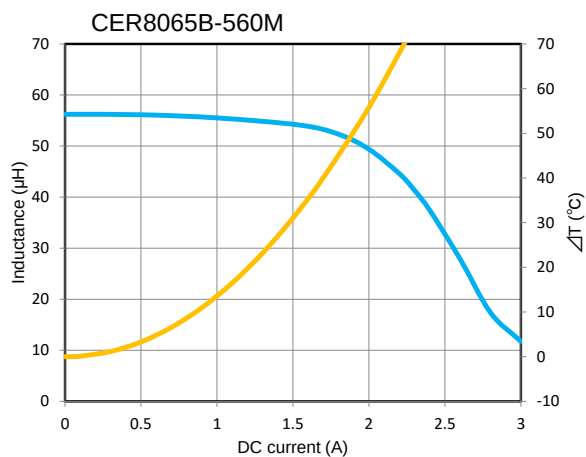
■ $L(25^{\circ}\text{C})$
■ ΔT



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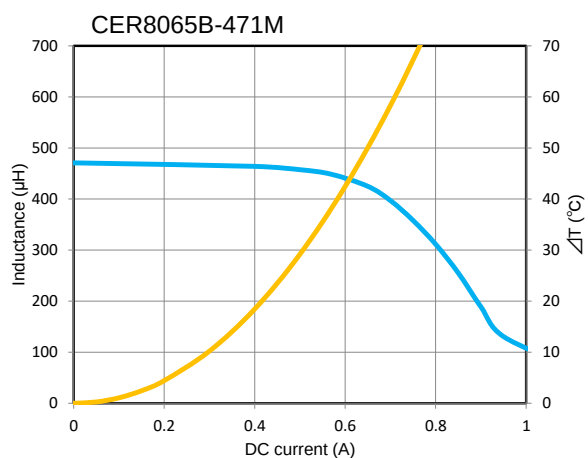
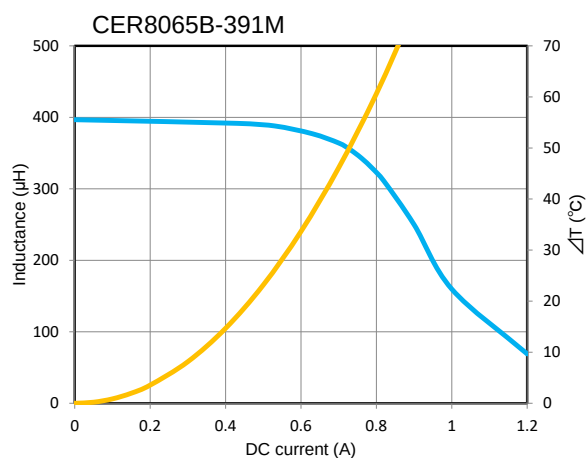
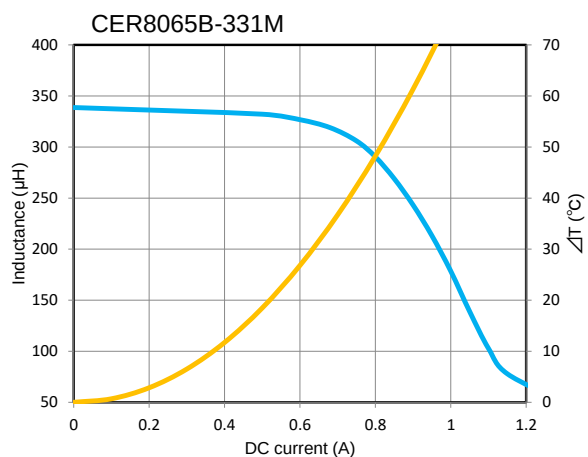
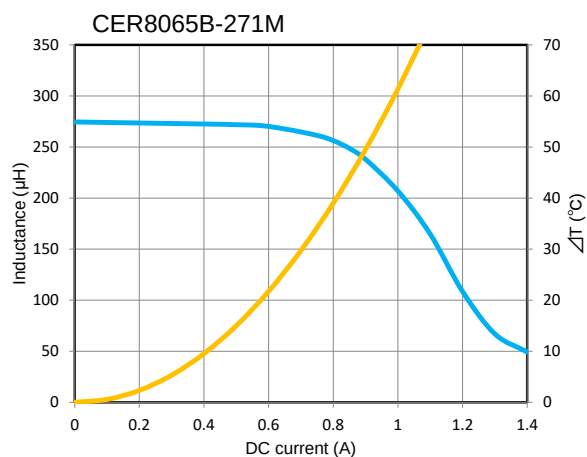
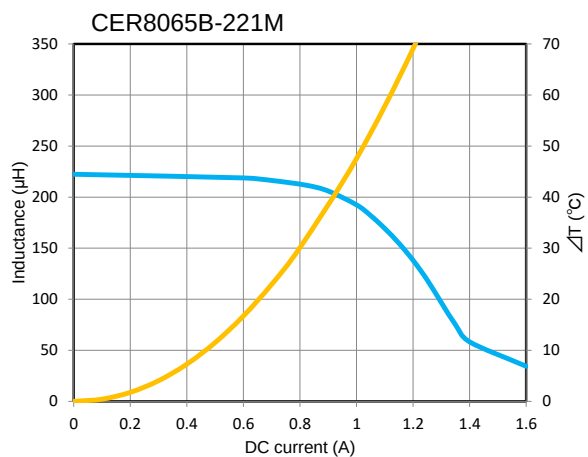
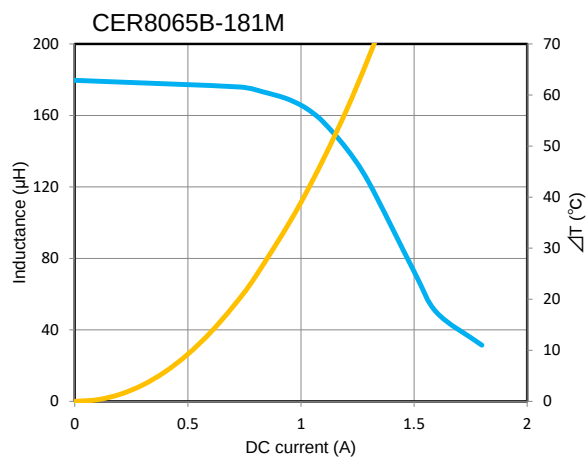
■ $L(25^{\circ}\text{C})$
■ ΔT



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DC bias characteristics vs Temperature Rise Graph

■ L(25°C) ■ ΔT



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DC bias characteristics vs Temperature Rise Graph

■ $L(25^{\circ}\text{C})$ ■ ΔT

