

CER1065C

AEC-Q200



■ 特长

- 车载上高信赖性使用
- 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
- 符合AEC-Q200
- 工作温度范围：-40℃～+150℃（包含自身发热）

磁路构造：

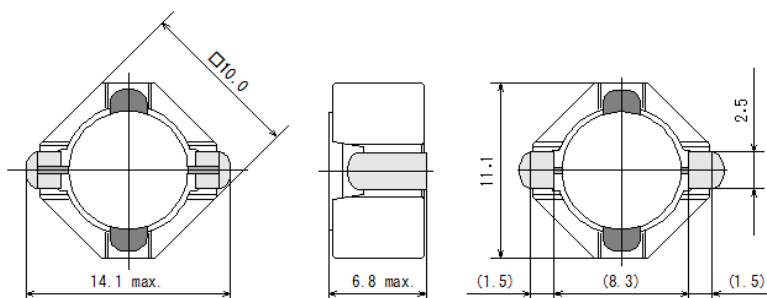


单体重： 2.4 g

■ 用途

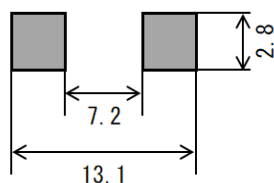
- 车载/汽车音响, 汽车导航, ECU, LED前灯
- 其他/各种电源, 工业机器, 医疗机器, 美容机器, 能源

■ 外形尺寸



(单位：mm)

■ 推荐焊盘



(单位：mm)



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
CER1065C-1R0N	1 $\pm 30\%$	0.00600	20.4	16.0	9.30	6.45
CER1065C-1R5N	1.5 $\pm 30\%$	0.00700	15.9	12.6	8.20	5.75
CER1065C-2R2N	2.2 $\pm 30\%$	0.00900	13.9	10.5	7.50	5.35
CER1065C-3R3N	3.3 $\pm 30\%$	0.0100	11.7	8.50	6.95	4.80
CER1065C-4R3N	4.3 $\pm 30\%$	0.0120	10.4	7.70	6.50	4.50
CER1065C-5R1N	5.1 $\pm 30\%$	0.0130	9.30	6.90	6.15	4.30
CER1065C-6R2N	6.2 $\pm 30\%$	0.0150	8.35	6.10	5.75	4.20
CER1065C-7R5N	7.5 $\pm 30\%$	0.0160	7.70	5.70	5.45	3.95
CER1065C-100M	10 $\pm 20\%$	0.0190	7.00	5.00	5.10	3.60
CER1065C-120M	12 $\pm 20\%$	0.0220	6.30	4.50	4.65	3.35
CER1065C-150M	15 $\pm 20\%$	0.0260	5.65	4.10	4.25	3.10
CER1065C-180M	18 $\pm 20\%$	0.0350	5.15	3.75	3.70	2.75
CER1065C-220M	22 $\pm 20\%$	0.0430	4.55	3.30	3.35	2.45
CER1065C-270M	27 $\pm 20\%$	0.0540	4.15	3.00	3.00	2.20
CER1065C-330M	33 $\pm 20\%$	0.0670	3.65	2.65	2.65	2.00
CER1065C-390M	39 $\pm 20\%$	0.0750	3.50	2.45	2.50	1.80
CER1065C-470M	47 $\pm 20\%$	0.0820	3.25	2.30	2.40	1.70
CER1065C-560M	56 $\pm 20\%$	0.100	2.83	2.05	2.15	1.55
CER1065C-680M	68 $\pm 20\%$	0.120	2.70	1.85	1.98	1.40
CER1065C-820M	82 $\pm 20\%$	0.150	2.30	1.70	1.75	1.25
CER1065C-101M	100 $\pm 20\%$	0.180	2.15	1.50	1.60	1.15
CER1065C-121M	120 $\pm 20\%$	0.210	2.05	1.35	1.50	1.10
CER1065C-151M	150 $\pm 20\%$	0.250	1.80	1.25	1.38	1.00
CER1065C-181M	180 $\pm 20\%$	0.300	1.60	1.10	1.25	0.900
CER1065C-221M	220 $\pm 20\%$	0.370	1.43	1.00	1.10	0.800
CER1065C-271M	270 $\pm 20\%$	0.450	1.30	0.950	1.00	0.700
CER1065C-331M	330 $\pm 20\%$	0.560	1.18	0.830	0.910	0.650
CER1065C-391M	390 $\pm 20\%$	0.660	1.08	0.770	0.840	0.600
CER1065C-471M	470 $\pm 20\%$	0.790	0.970	0.700	0.770	0.500
CER1065C-561M	560 $\pm 20\%$	0.960	0.930	0.670	0.690	0.470
CER1065C-681M	680 $\pm 20\%$	1.18	0.830	0.610	0.630	0.450
CER1065C-821M	820 $\pm 20\%$	1.45	0.770	0.560	0.560	0.410
CER1065C-102M	1000 $\pm 20\%$	1.61	0.700	0.500	0.530	0.390

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

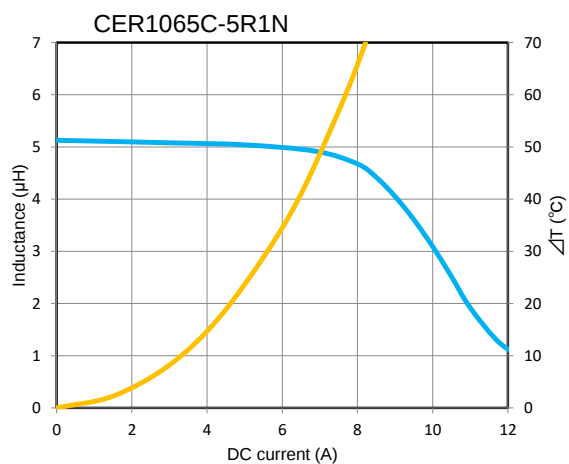
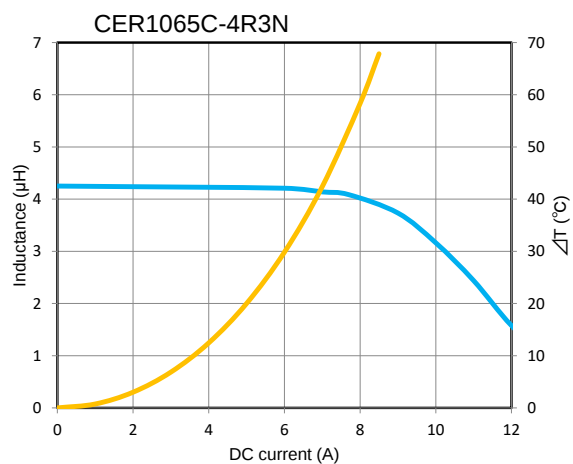
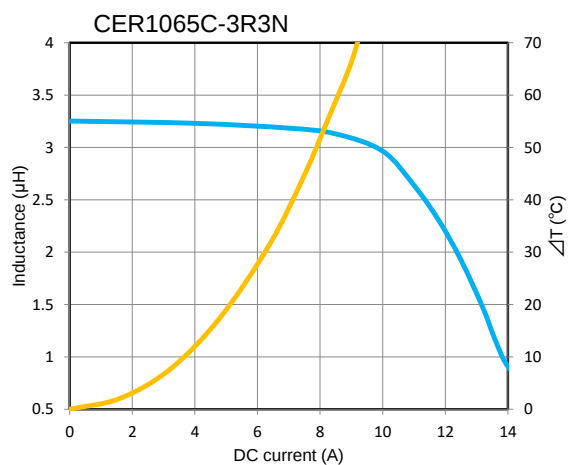
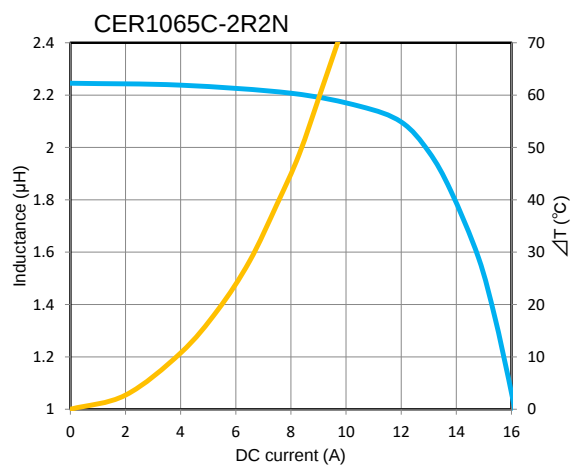
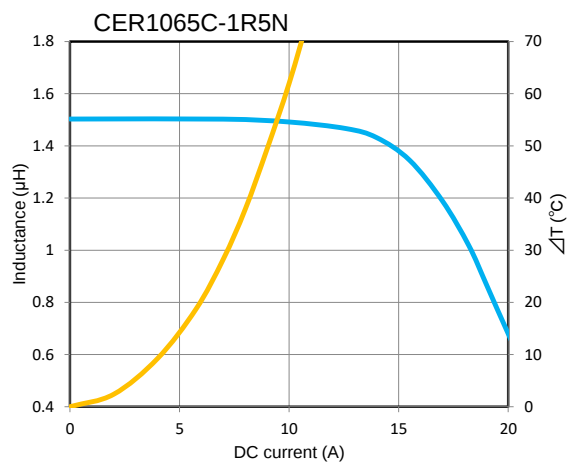
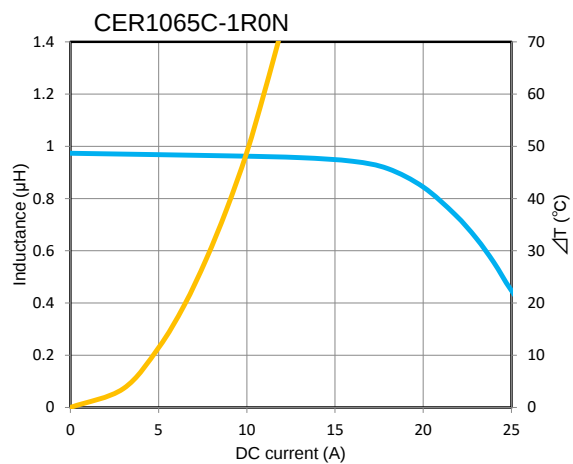
DC bias characteristics vs Temperature Rise Graph



L(25°C)



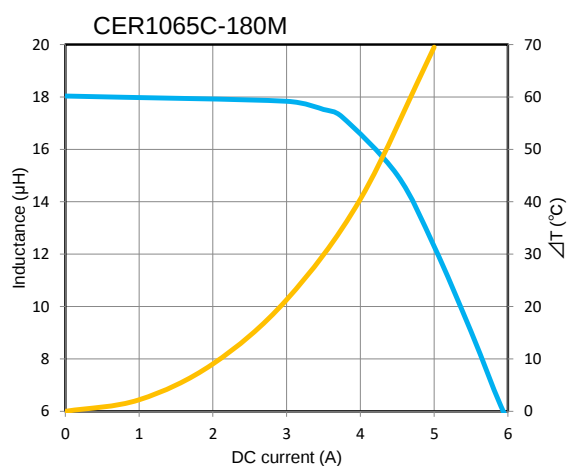
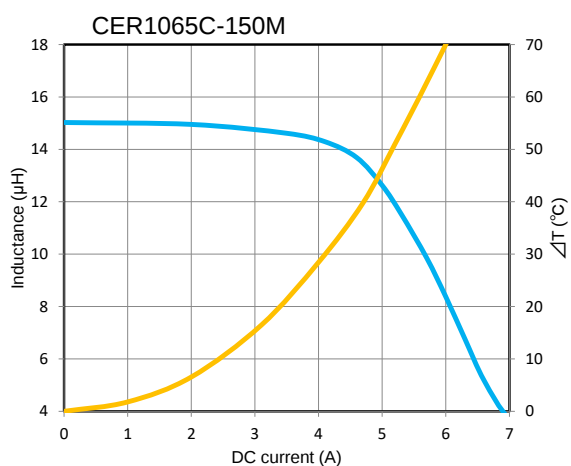
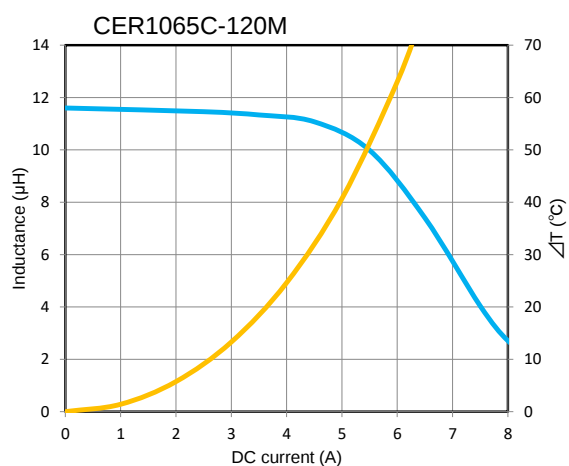
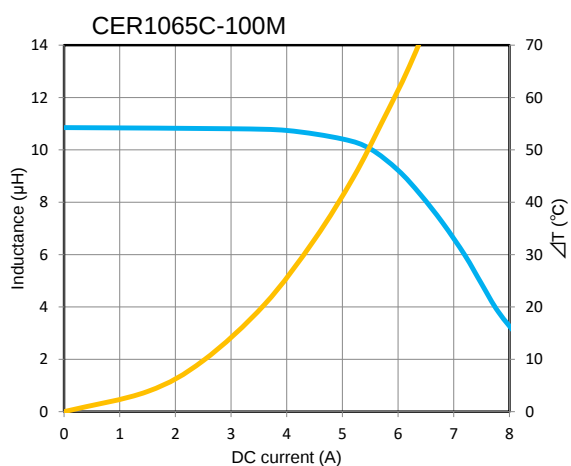
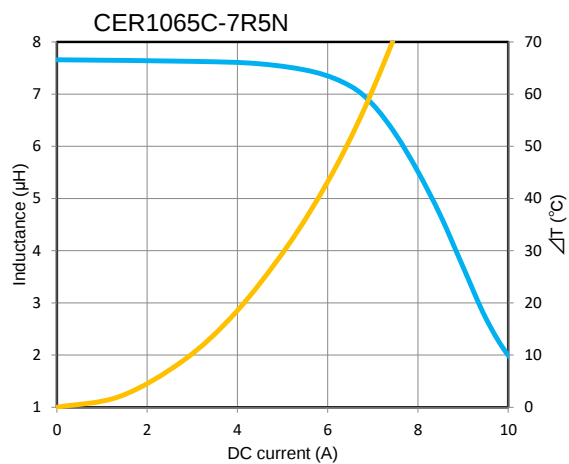
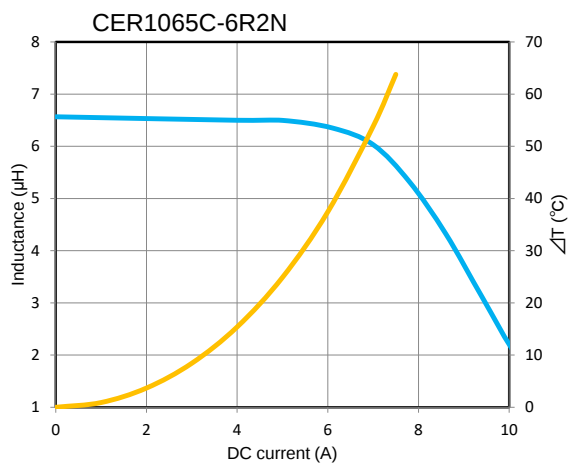
ΔT



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DC bias characteristics vs Temperature Rise Graph

— L(25°C)
 — ΔT



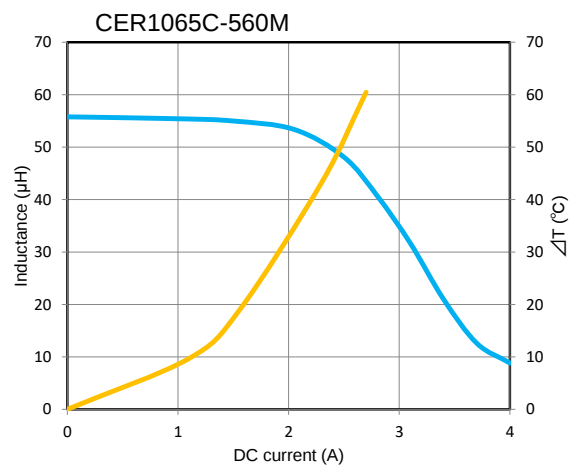
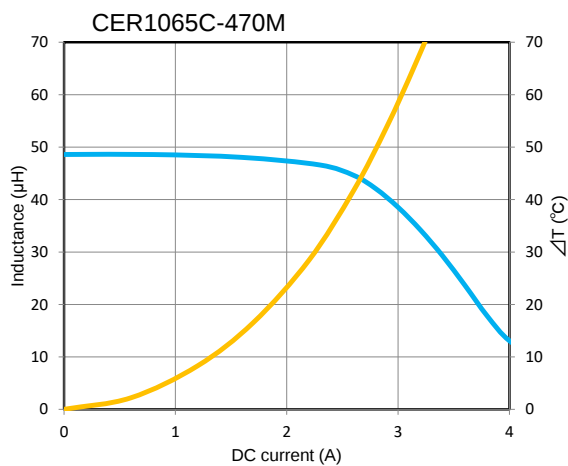
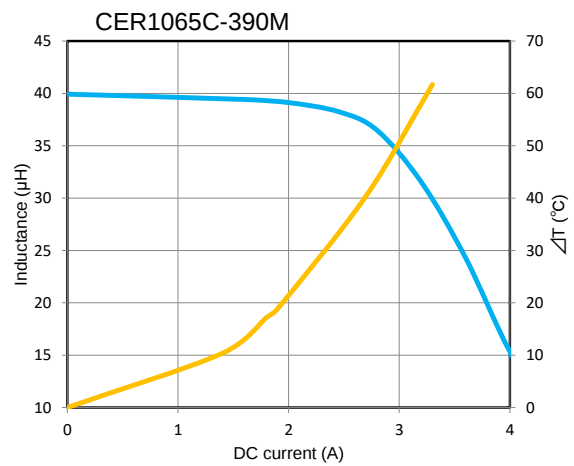
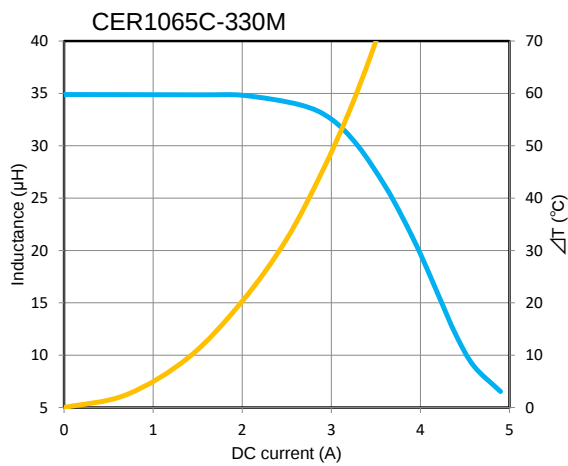
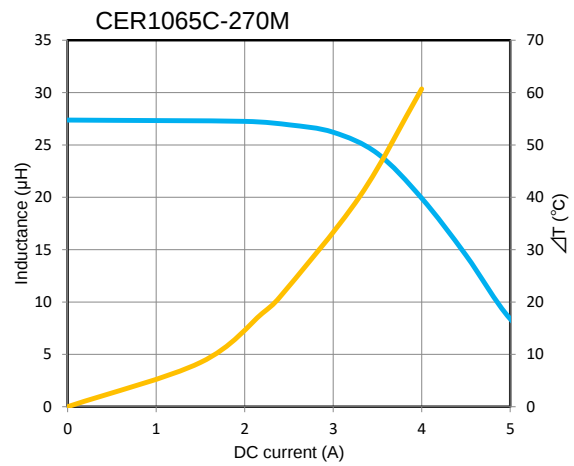
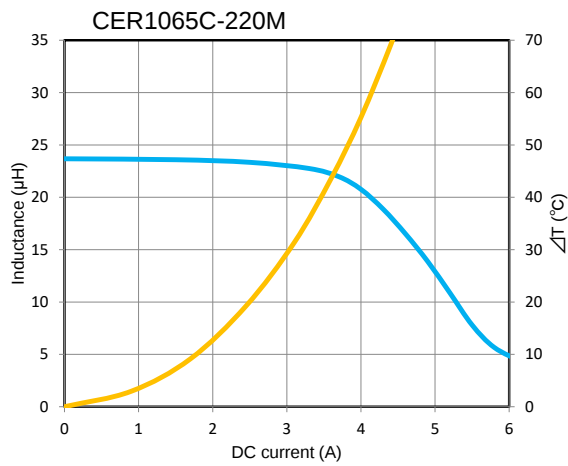
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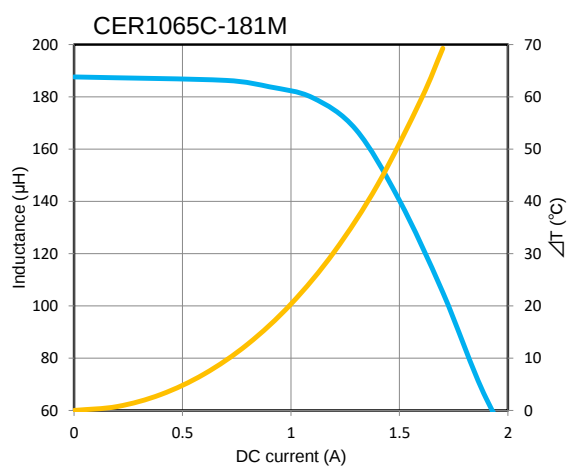
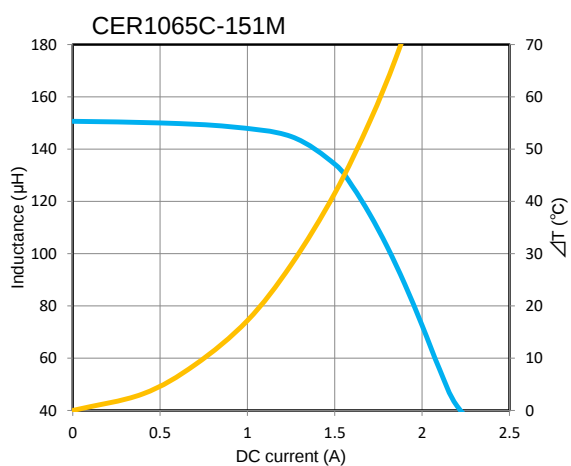
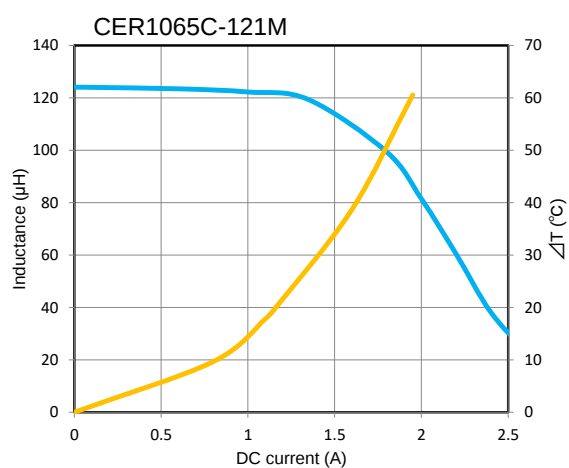
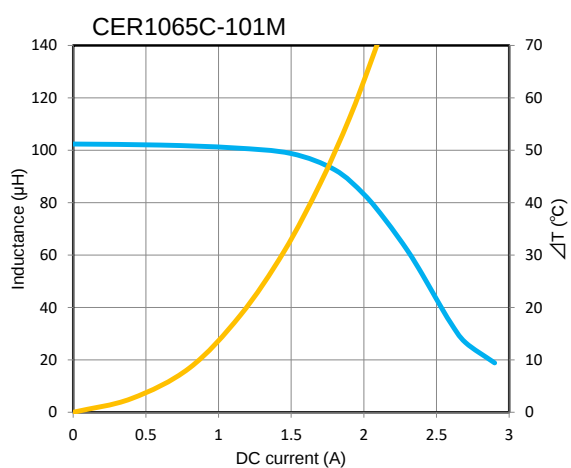
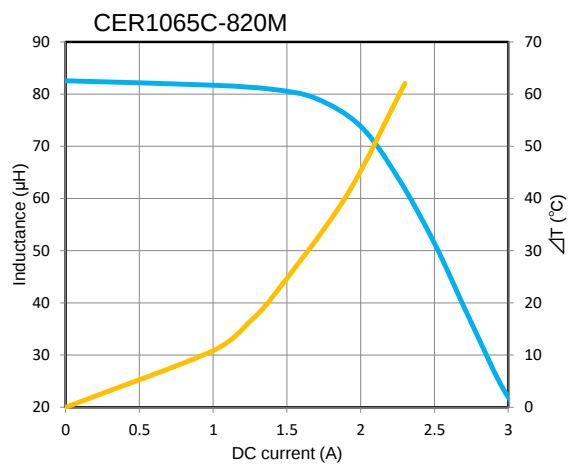
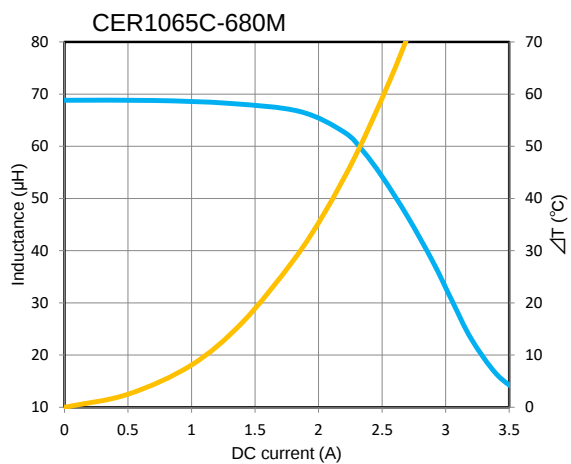
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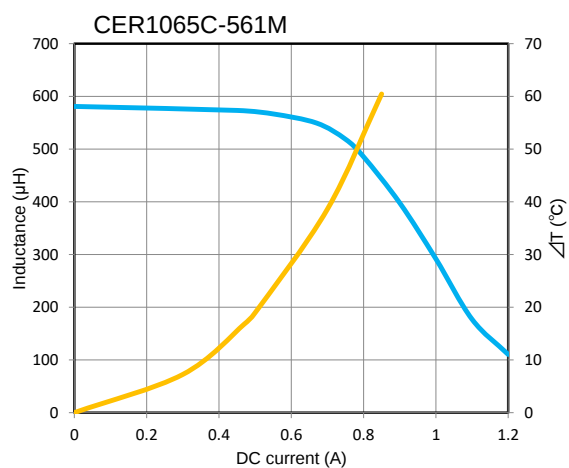
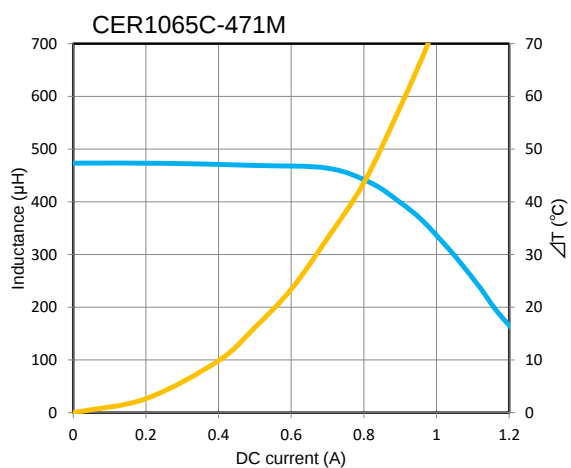
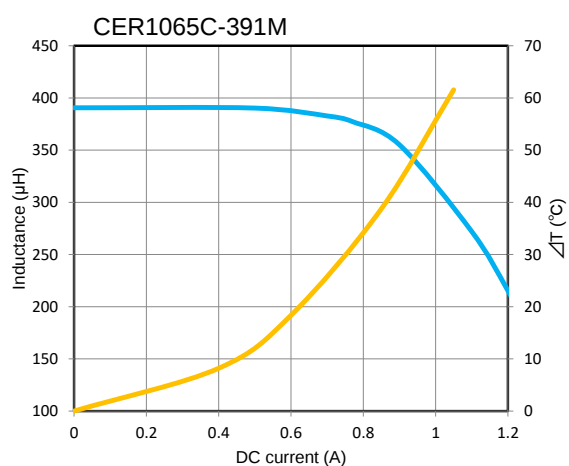
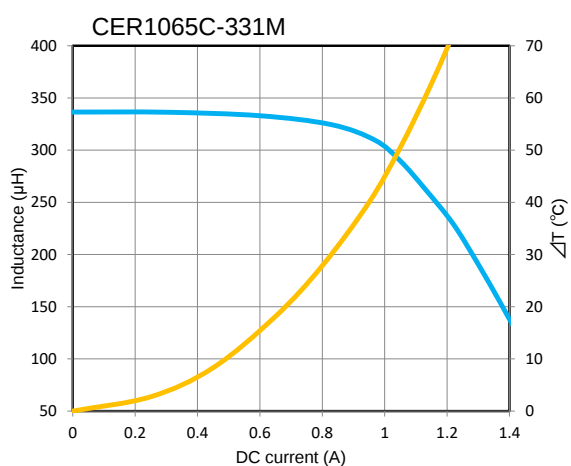
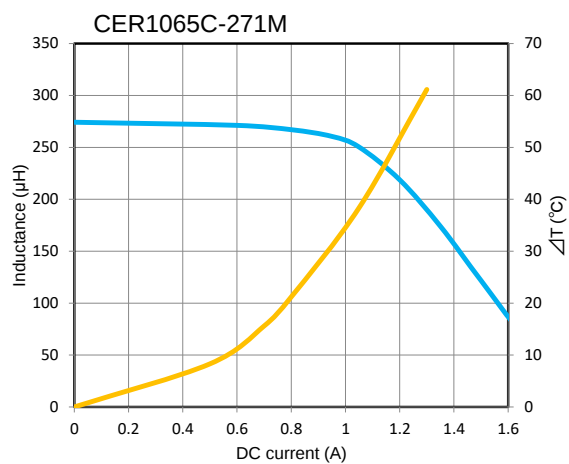
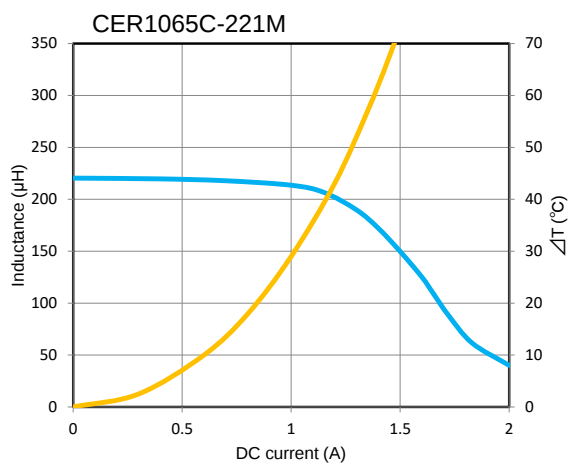
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