

CER3017C

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 (但端子强度除外)
- 工作温度范围: $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$ (包含自身发热)

磁路构造:

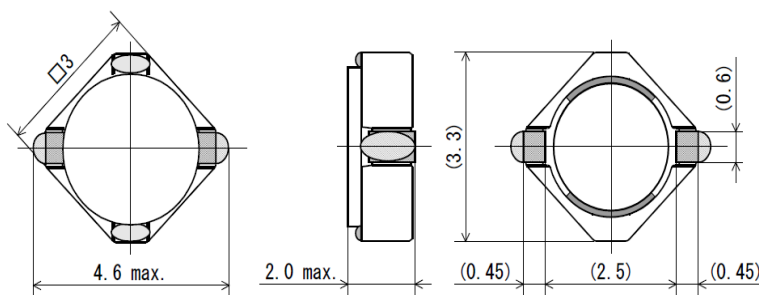


单体重: 0.06 g

■ 用途

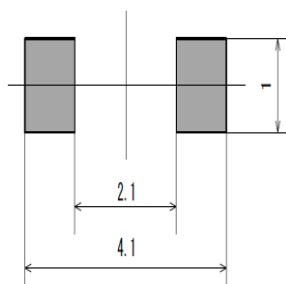
- 车载/ECU, LED前灯, 汽车音响, 汽车导航
- 其他/各种电源, 工业机器

■ 外形尺寸



(单位: mm)

■ 推荐焊盘



(单位: mm)



相模电机(深圳)有限公司

△ 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
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<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 (mA)	额定温度 上升电流 (mA)
CER3017C-1R2N	1.2 $\pm 30\%$	0.0330	2.20	2.20
CER3017C-1R5N	1.5 $\pm 30\%$	0.0370	2.00	2.00
CER3017C-2R0N	2 $\pm 30\%$	0.0470	1.90	1.90
CER3017C-2R4N	2.4 $\pm 30\%$	0.0510	1.80	1.80
CER3017C-3R6N	3.6 $\pm 30\%$	0.0780	1.50	1.50
CER3017C-4R7N	4.7 $\pm 30\%$	0.100	1.20	1.20
CER3017C-5R6N	5.6 $\pm 30\%$	0.120	1.10	1.10
CER3017C-6R8N	6.8 $\pm 30\%$	0.140	1.05	1.05
CER3017C-8R2N	8.2 $\pm 30\%$	0.170	0.950	0.950
CER3017C-100M	10 $\pm 20\%$	0.200	0.900	0.900
CER3017C-120M	12 $\pm 20\%$	0.270	0.750	0.750
CER3017C-150M	15 $\pm 20\%$	0.310	0.650	0.650
CER3017C-180M	18 $\pm 20\%$	0.400	0.620	0.620
CER3017C-220M	22 $\pm 20\%$	0.470	0.570	0.570
CER3017C-270M	27 $\pm 20\%$	0.640	0.500	0.500
CER3017C-330M	33 $\pm 20\%$	0.700	0.460	0.460
CER3017C-390M	39 $\pm 20\%$	0.800	0.440	0.440
CER3017C-470M	47 $\pm 20\%$	1.10	0.390	0.390
CER3017C-560M	56 $\pm 20\%$	1.20	0.350	0.350

电感量测试条件:100kHz, 1V($<10\mu$ H)、1kHz, 1V($\geq 10\mu$ H)
 直流饱和容许电流:电感值下降至初始值的35%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



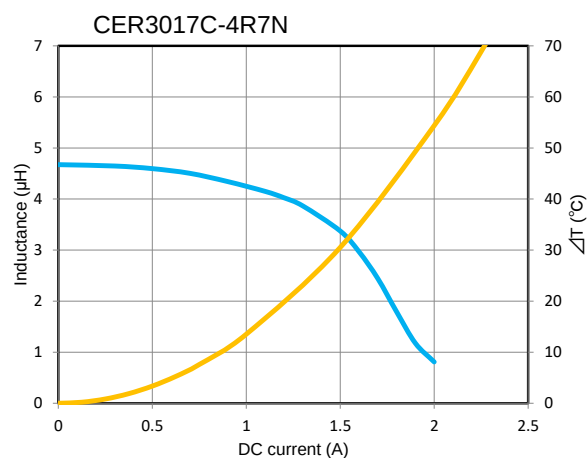
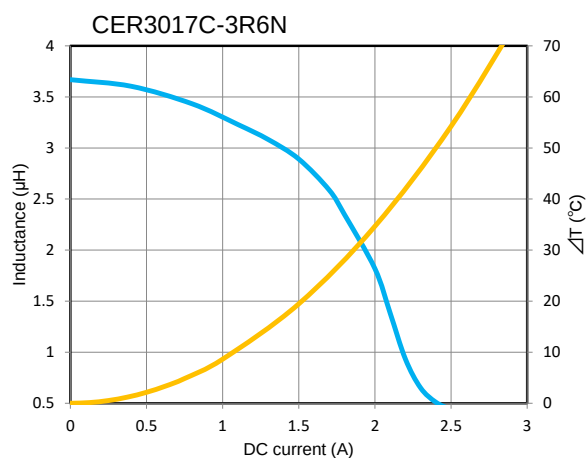
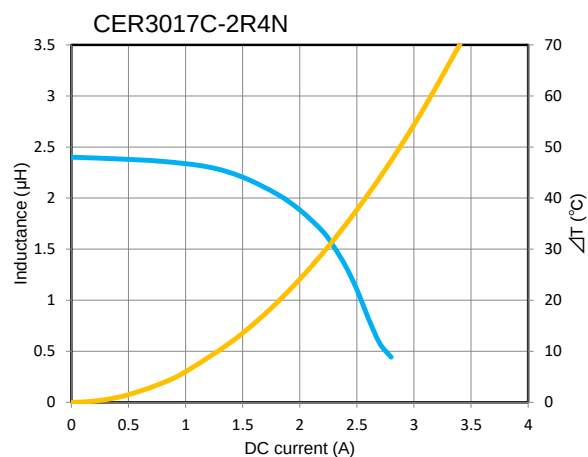
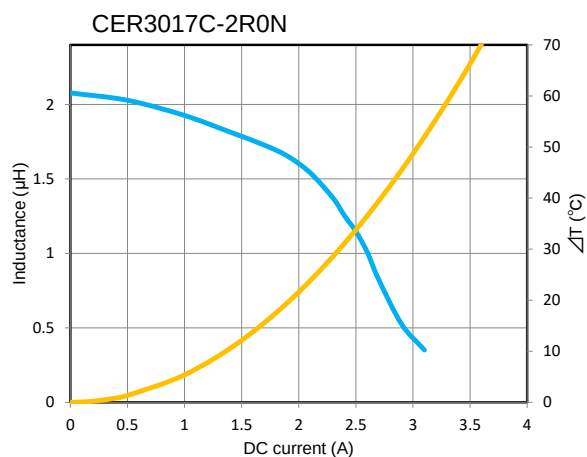
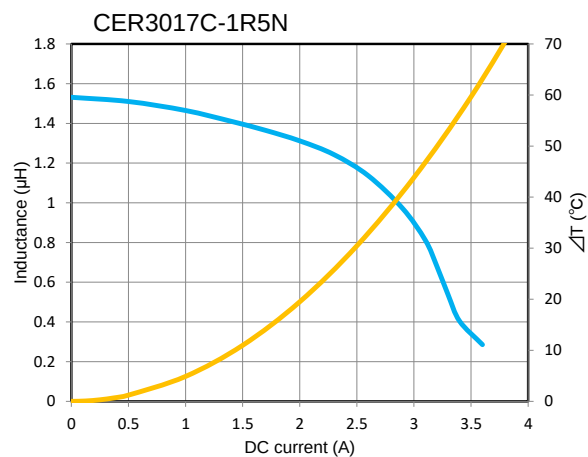
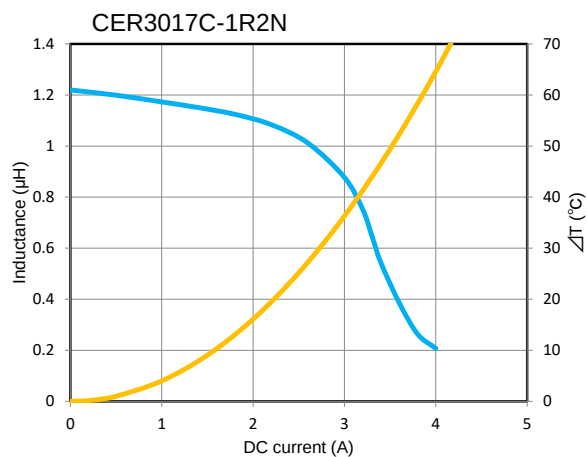
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DC bias characteristics vs Temperature Rise Graph

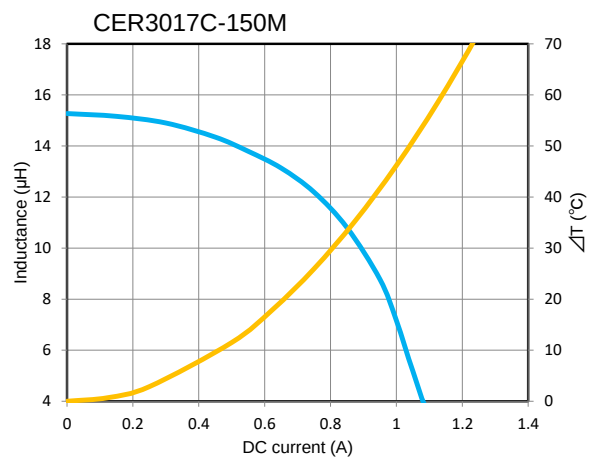
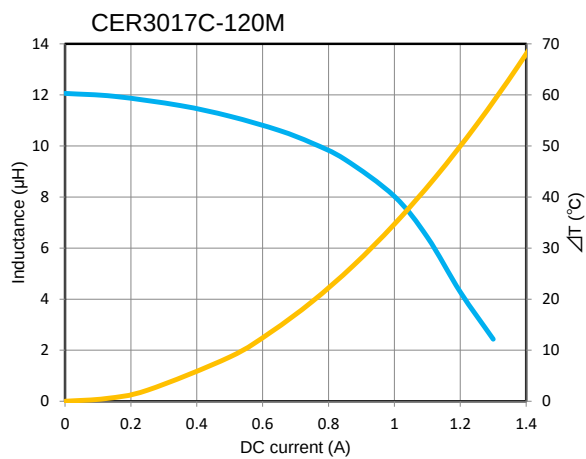
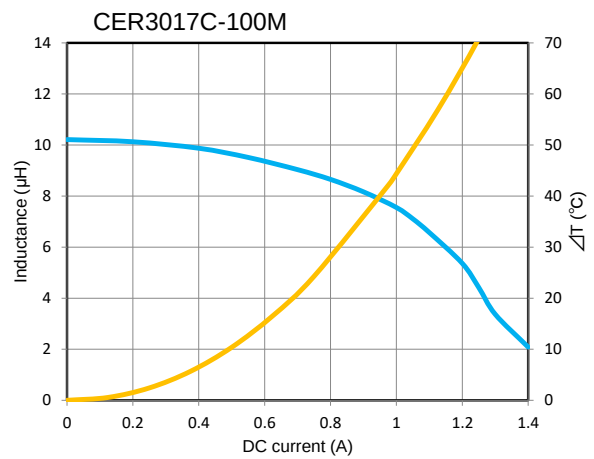
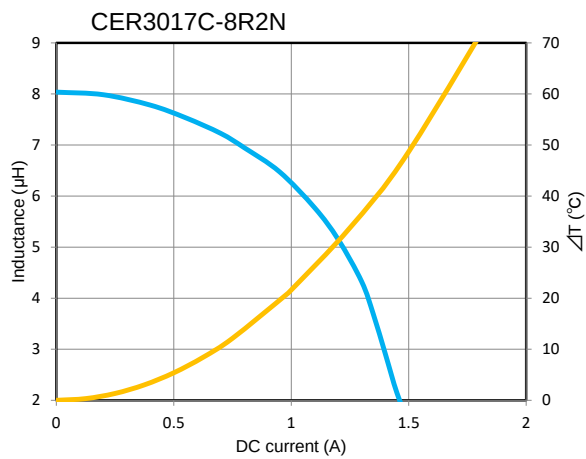
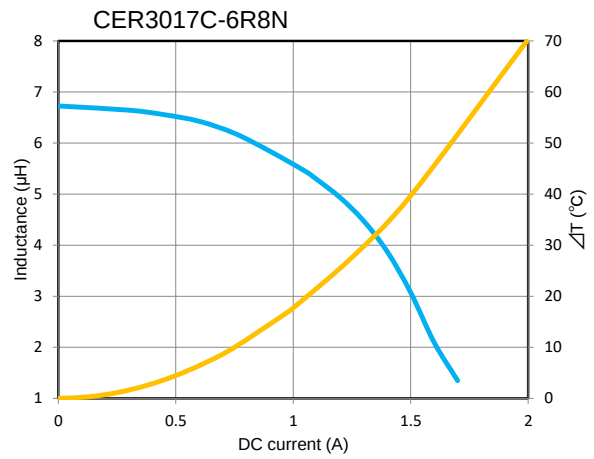
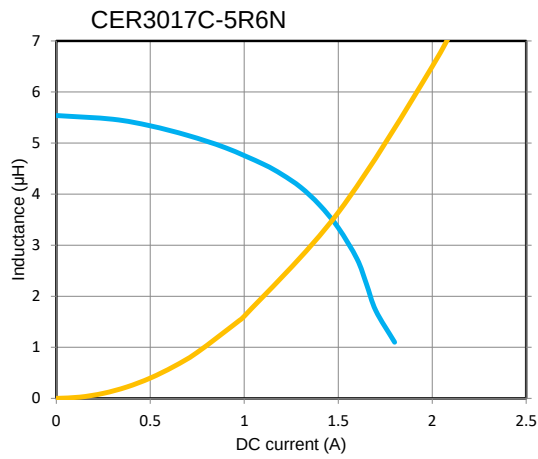
■ L(25°C)
 ■ ΔT



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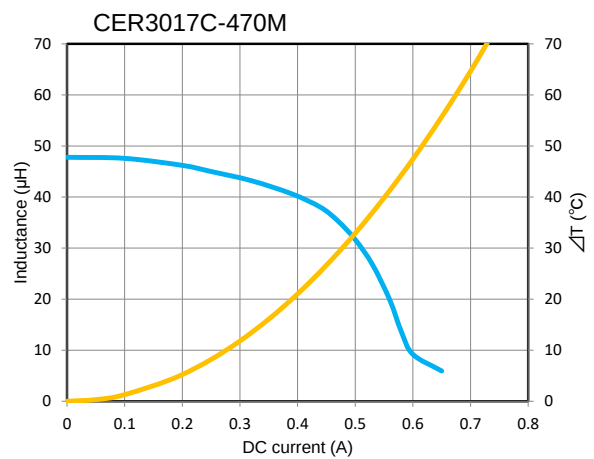
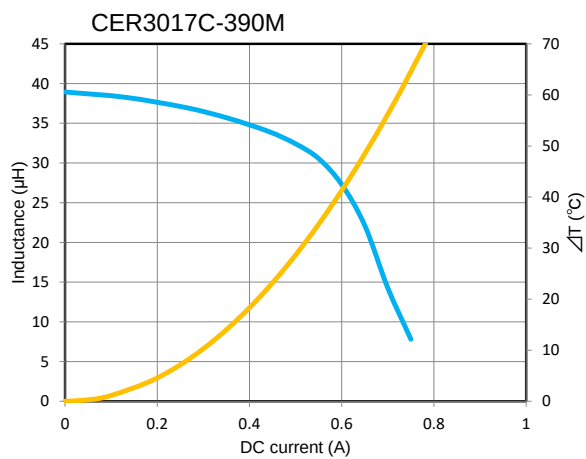
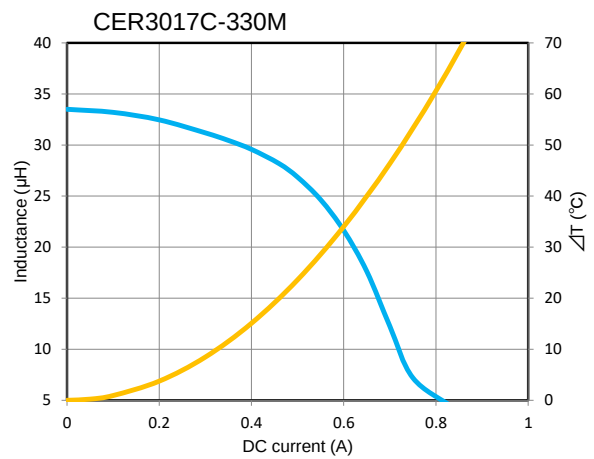
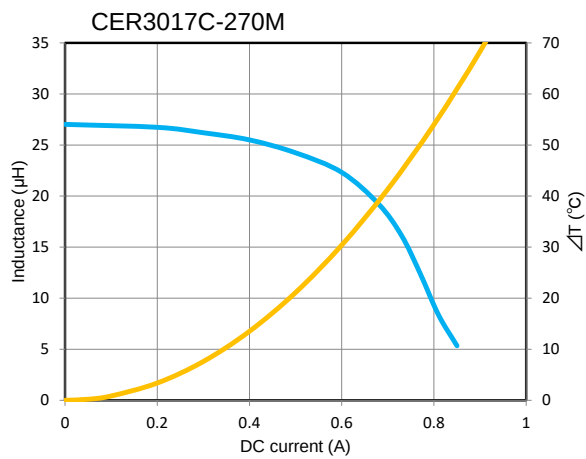
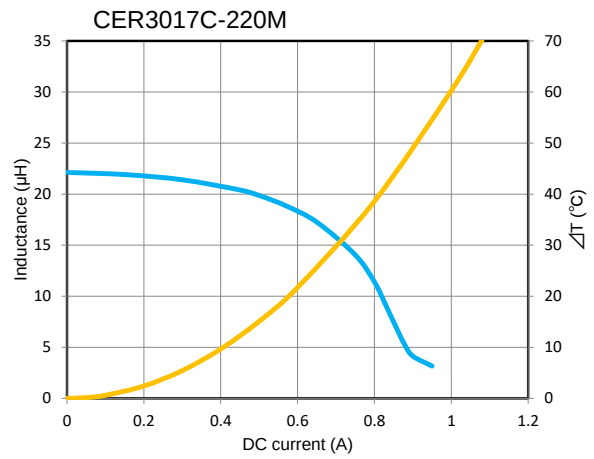
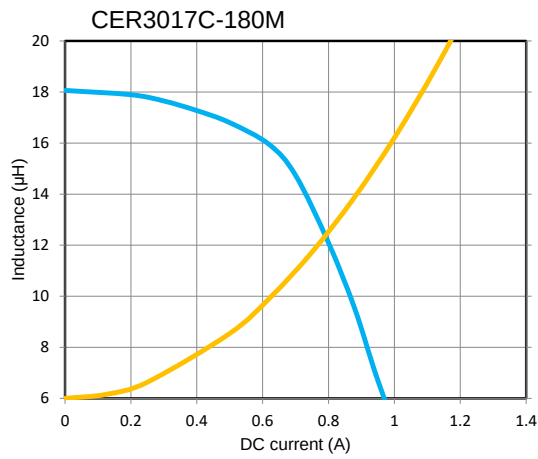
■ $L(25^{\circ}\text{C})$
■ ΔT



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