

XRK0730B

AEC-Q200



■ 特长

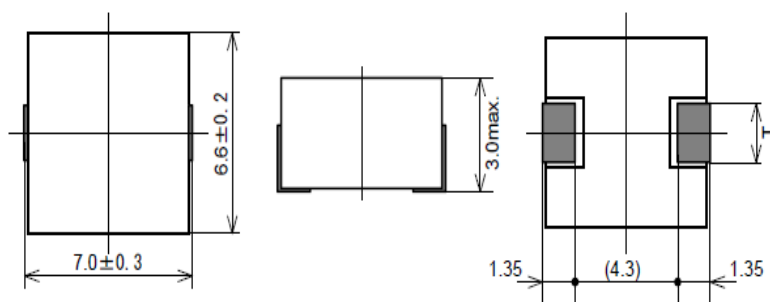
- 使用金属磁性材料实现小尺寸和大电流
- 由于没有间隙, 因此降低啸叫
- 在高温环境下电感变化少
- 符合AEC-Q200
- 工作温度范围: $-40^{\circ}\text{C}\sim+150^{\circ}\text{C}$ (包含自身发热)

单体重: 0.63~0.72 g

■ 用途

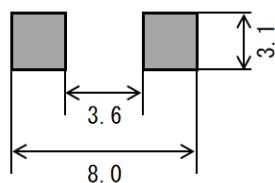
- 音频&映像/电视&显示器, 迷你音响, AV功放, 业务用功放, 照相机, 录音机
- 车载/汽车音响, 汽车导航, ECU, LED前灯
- 电脑/个人电脑, 打印机, 投影仪
- 家电/LED照明
- 其他/各种电源, 工业机器, 医疗机器, 美容机器, 能源

■ 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		额定 直流电流 (A)	额定温度 上升电流 (A)
		(m Ω)			
		max.	Typical		
XRK0730B-R15M	0.15 \pm 20%	1.30	1.00	30.0	24.0
XRK0730B-R22M	0.22 \pm 20%	2.30	1.80	32.0	18.0
XRK0730B-R33M	0.33 \pm 20%	3.50	2.90	19.0	15.0
XRK0730B-R47M	0.47 \pm 20%	4.10	3.70	17.0	13.0
XRK0730B-R56M	0.56 \pm 20%	4.50	3.80	12.0	13.0
XRK0730B-R68M	0.68 \pm 20%	5.50	4.80	13.0	12.0
XRK0730B-R82M	0.82 \pm 20%	6.60	5.70	14.0	10.0
XRK0730B-1R0M	1 \pm 20%	7.80	6.50	9.00	10.0
XRK0730B-1R2M	1.2 \pm 20%	9.90	8.60	12.0	9.00
XRK0730B-1R5M	1.5 \pm 20%	11.5	9.50	10.0	8.50
XRK0730B-2R2M	2.2 \pm 20%	15.5	12.5	8.50	7.00
XRK0730B-3R3M	3.3 \pm 20%	28.5	24.5	7.50	5.00
XRK0730B-4R7M	4.7 \pm 20%	46.5	40.3	6.80	4.00
XRK0730B-6R8M	6.8 \pm 20%	65.0	54.0	5.60	3.60
XRK0730B-8R2M	8.2 \pm 20%	64.0	53.0	4.80	3.50
XRK0730B-100M	10 \pm 20%	75.0	65.0	4.40	3.30
XRK0730B-150M	15 \pm 20%	110.0	96.0	3.60	2.60
XRK0730B-220M	22 \pm 20%	149.0	135.0	2.90	2.00
XRK0730B-330M	33 \pm 20%	242.0	200.0	2.30	1.60

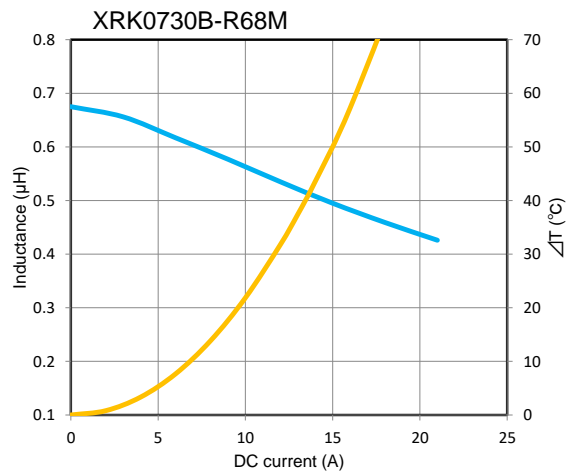
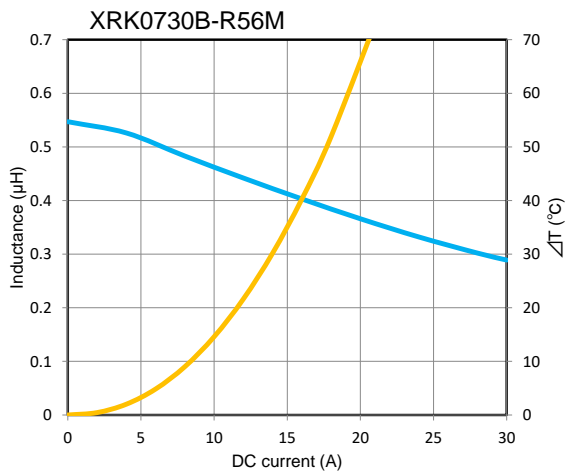
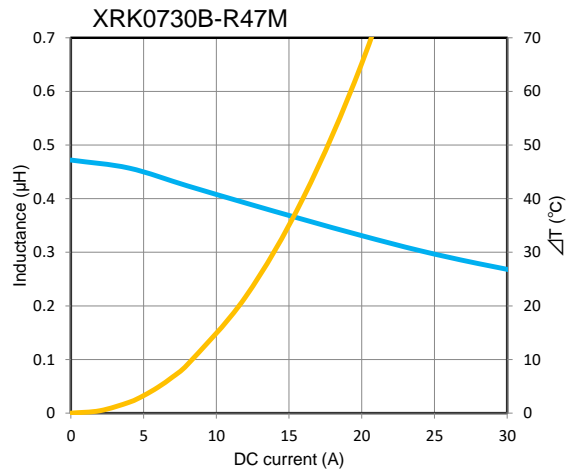
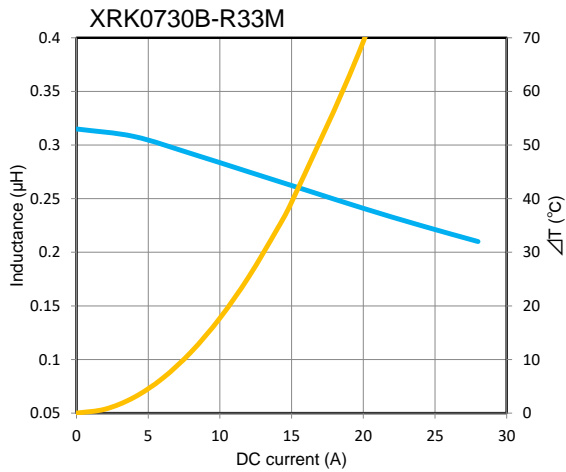
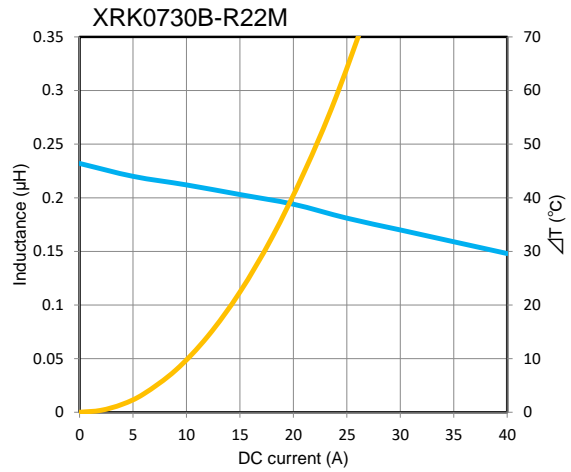
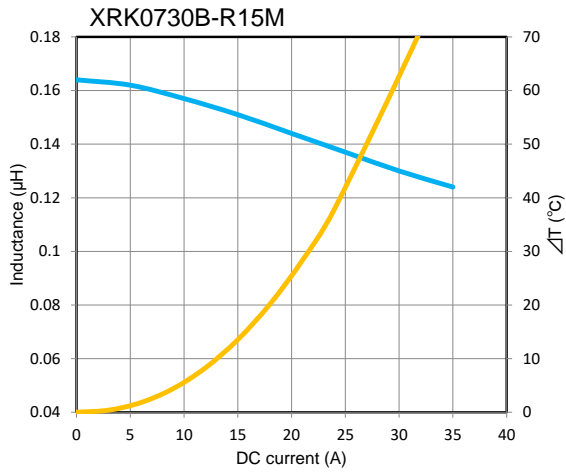
电感量测试条件:100kHz, 1V

直流饱和容许电流:电感值下降至初始值的20%的电流值

温度上升容许电流:磁芯表面温度上升至30°C的电流值

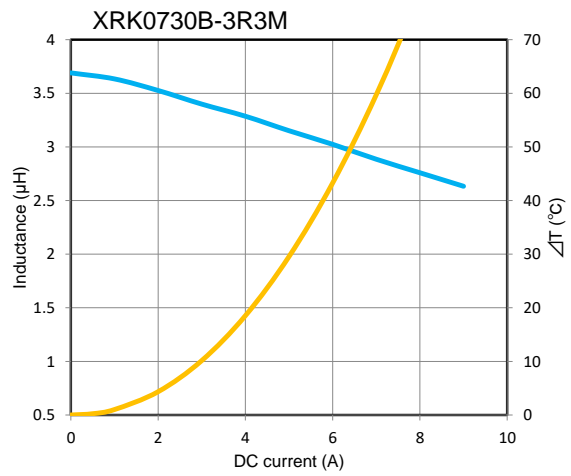
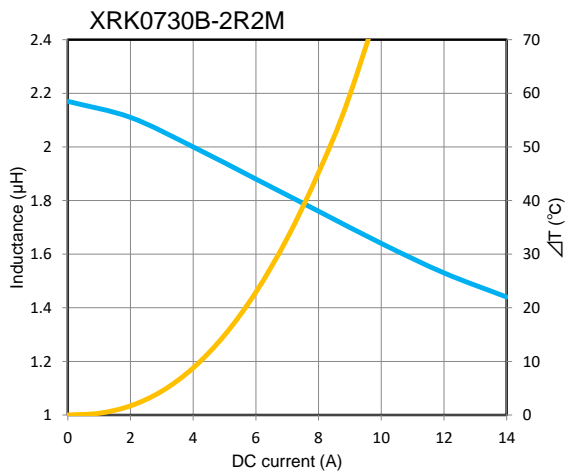
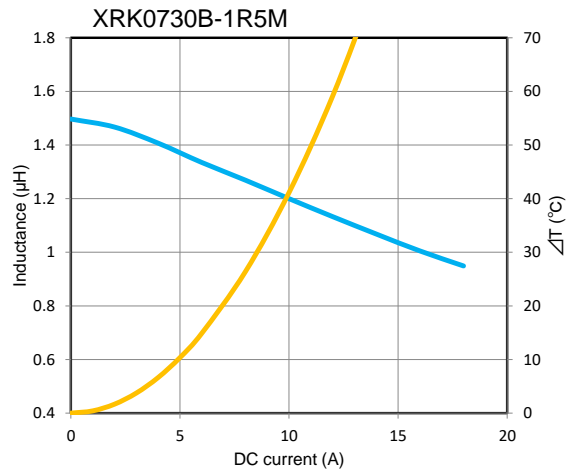
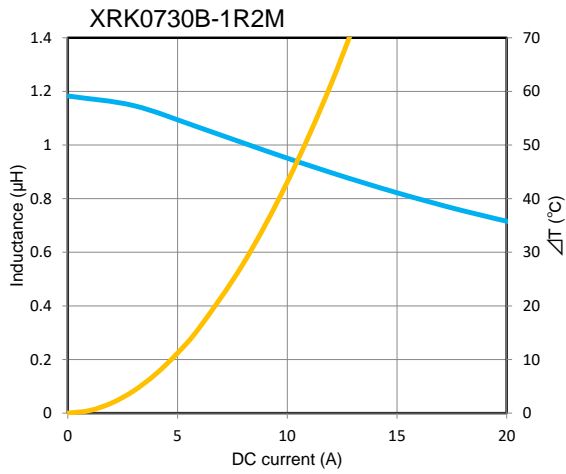
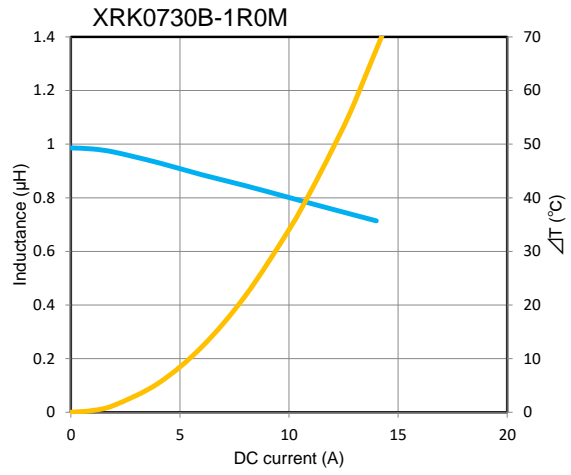
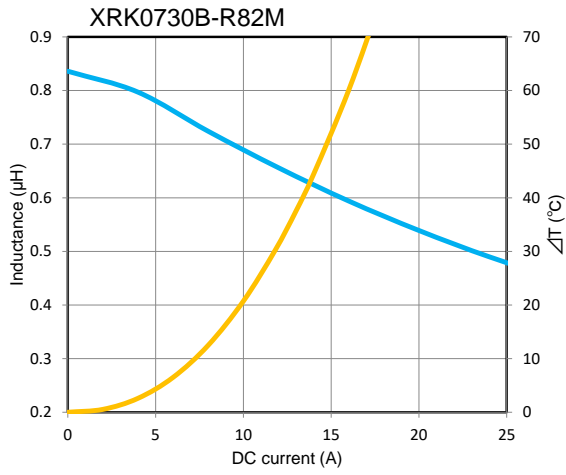
DC bias characteristics vs Temperature Rise Graph

■ L(25°C) ■ ΔT



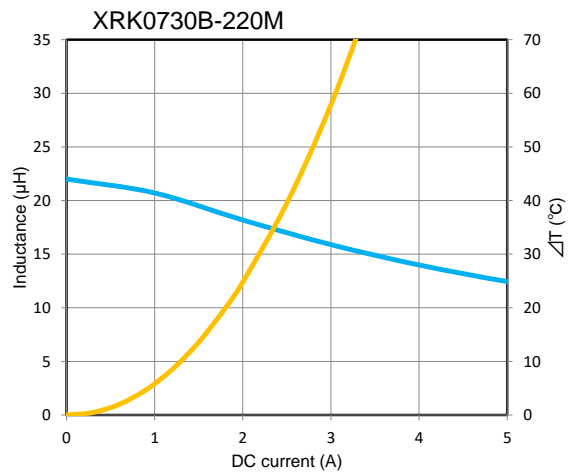
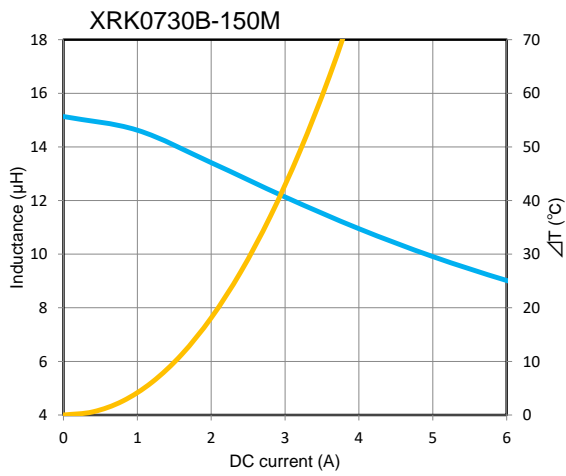
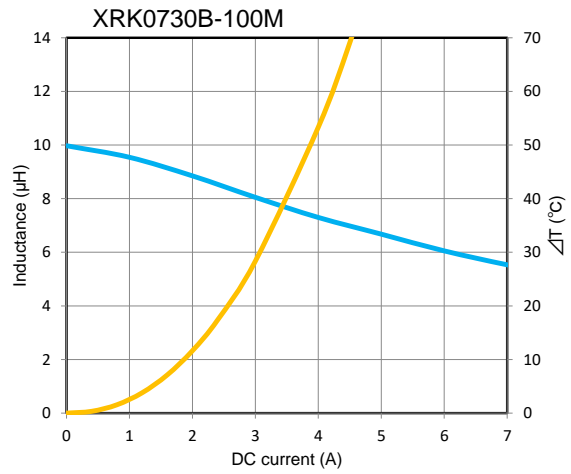
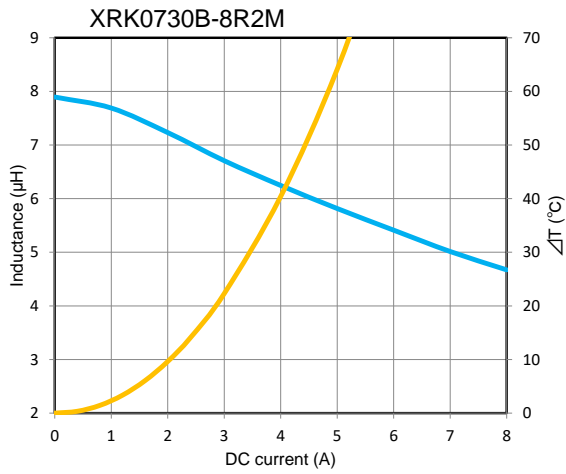
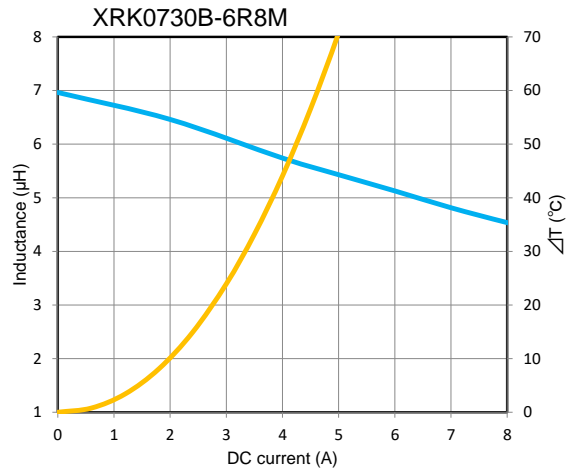
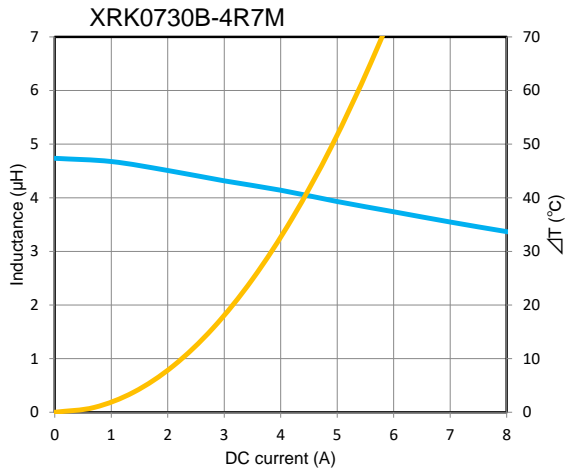
DC bias characteristics vs Temperature Rise Graph

— L(25°C) — ΔT



DC bias characteristics vs Temperature Rise Graph

■ L(25°C) ■ ΔT



DC bias characteristics vs Temperature Rise Graph



L(25°C)



ΔT

