XRK0530B

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℃～+150℃（包含自身发热）
- 耐压：80V(≦4.7μH)、70V(≧5.6μH)

磁路构造：

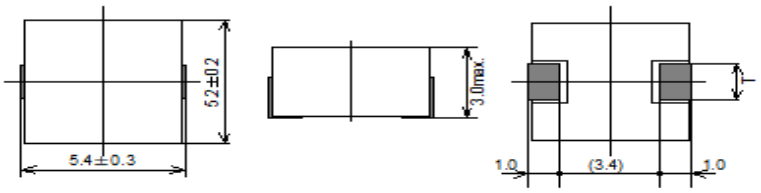
Mold

单体重：　0.42～0.44ｇ

■ 用途

- 音频＆映像/电视&显示器,迷你音响，AV功放，业务用攻放,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

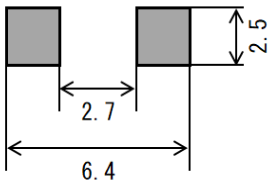
■ 外形尺寸



Inductance	T
0.22,0.33,0.35uH	1.5
0.2,0.47～22uH	2.3

（单位：mm）

■ 推荐焊盘



（单位：mm）

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营业部 TEL:0755-27985339
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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

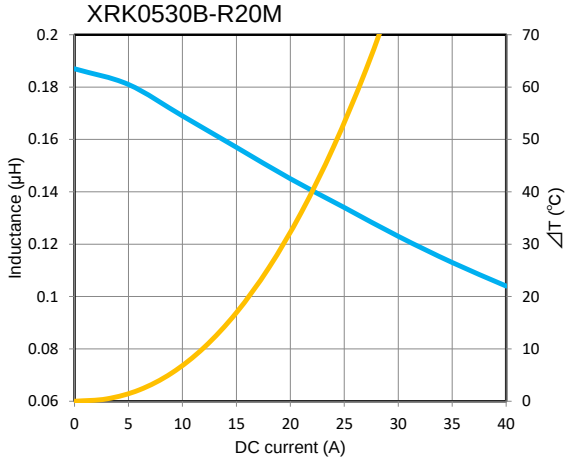
相模品番	电感值 (μH)	直流电阻 (mΩ)		额定直流电流 (A)	额定温度上升电流 (A)
		max.	Typical		
XRK0530B-R20M	0.2±20%	2.00	1.60	20.0	20.5
XRK0530B-R22M	0.22±20%	2.30	2.10	23.0	15.8
XRK0530B-R33M	0.33±20%	3.40	2.90	16.0	14.0
XRK0530B-R35M	0.35±20%	3.40	2.90	15.0	14.0
XRK0530B-R47M	0.47±20%	6.10	5.30	12.0	11.0
XRK0530B-R68M	0.68±20%	8.00	6.90	12.0	10.0
XRK0530B-R75M	0.75±20%	7.70	6.60	11.5	10.0
XRK0530B-1R0M	1±20%	11.4	10.0	8.50	8.40
XRK0530B-1R5M	1.5±20%	17.7	15.4	8.50	6.20
XRK0530B-2R2M	2.2±20%	23.0	20.0	6.40	5.50
XRK0530B-3R3M	3.3±20%	38.0	32.0	6.50	4.70
XRK0530B-4R7M	4.7±20%	47.0	41.0	6.00	4.10
XRK0530B-5R6M	5.6±20%	59.0	51.0	4.50	3.60
XRK0530B-6R8M	6.8±20%	70.0	61.0	4.00	3.30
XRK0530B-100M	10±20%	108.0	90.0	2.30	2.80
XRK0530B-220M	22±20%	250.0	215.0	1.70	1.70

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℃的电流值

DC bias characteristics vs Temperature Rise Graph

L(25°C) ⊿T

XRK0530B-R20M



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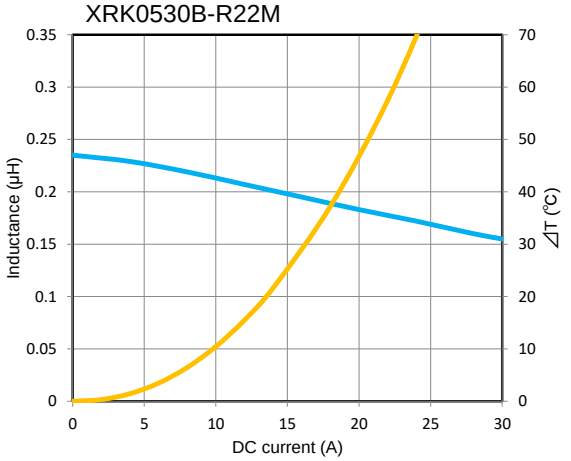

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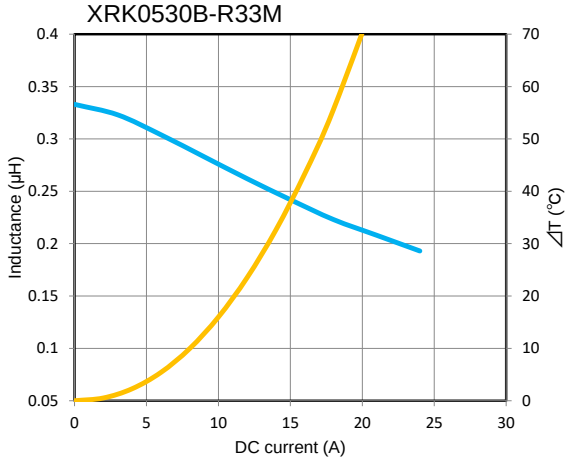

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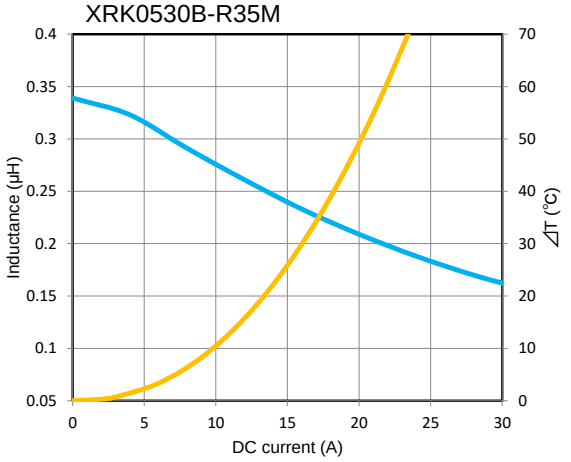

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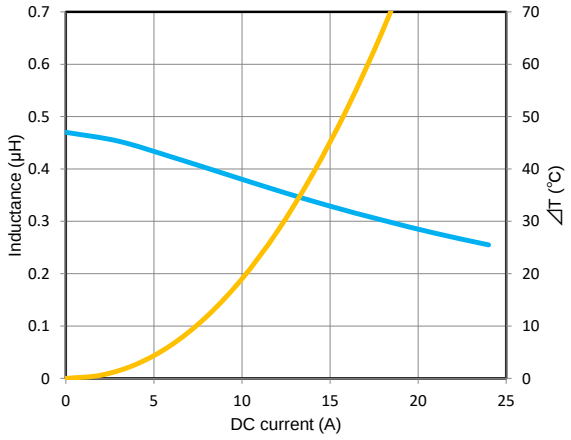

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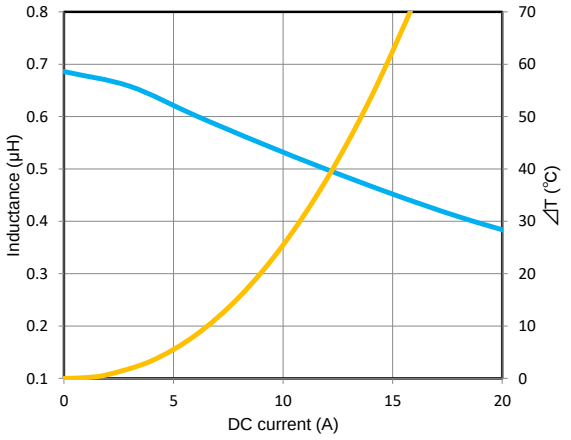
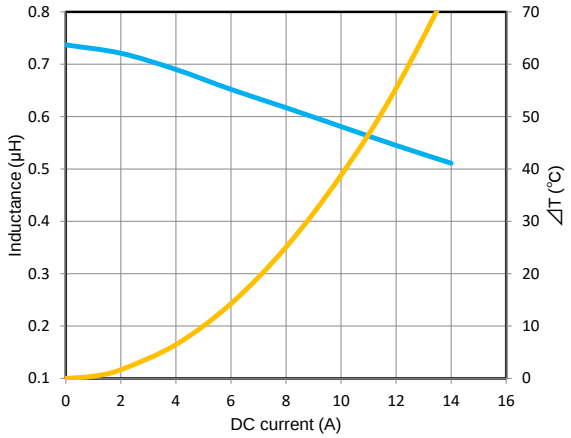


DC bias characteristics vs Temperature Rise Graph

L(25°C)　　⊿T

XRK0530B-R75M



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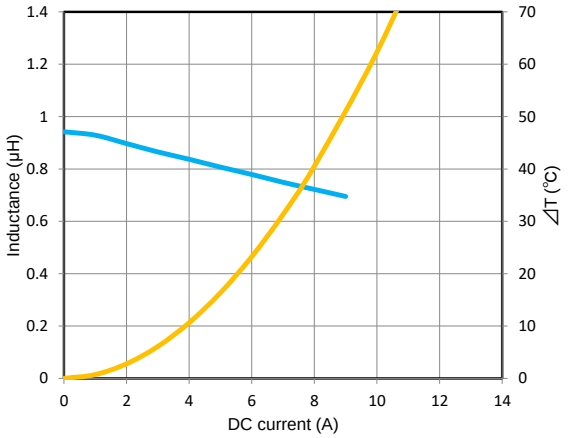

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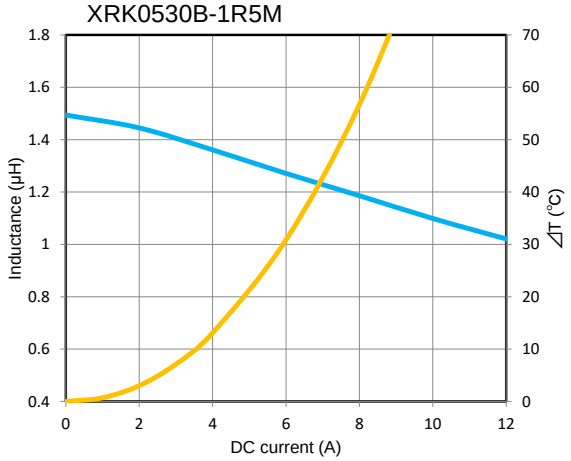

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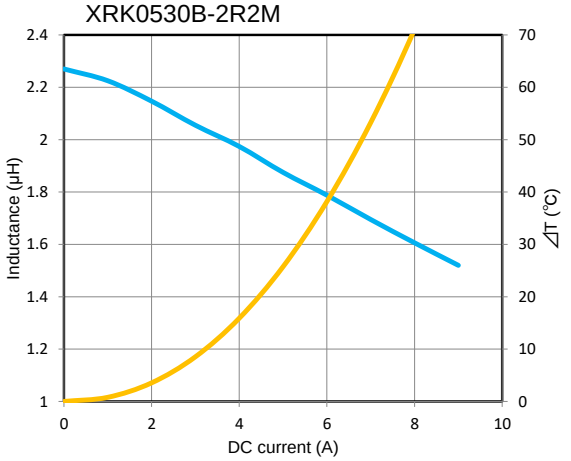

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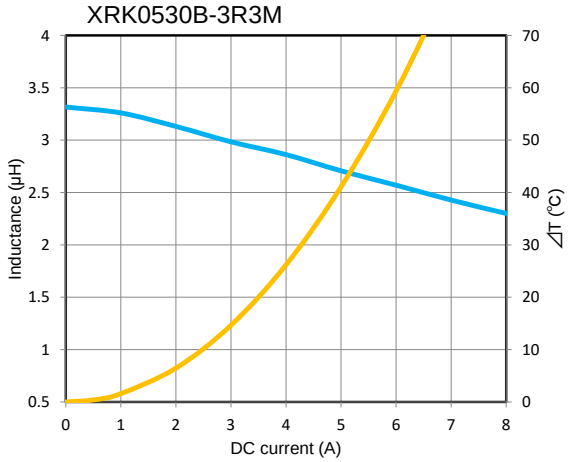

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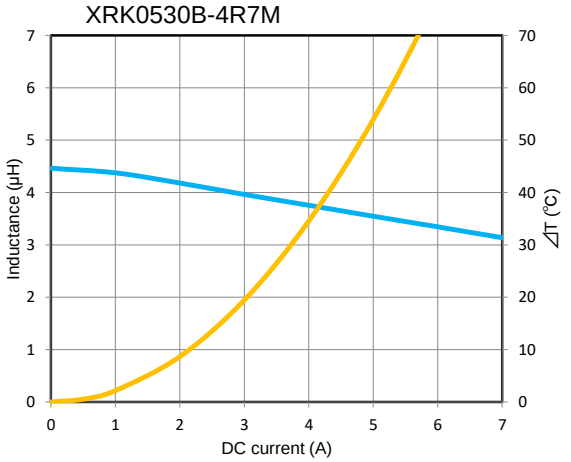

DC bias characteristics vs Temperature Rise Graph

L(25°C) ⊿T

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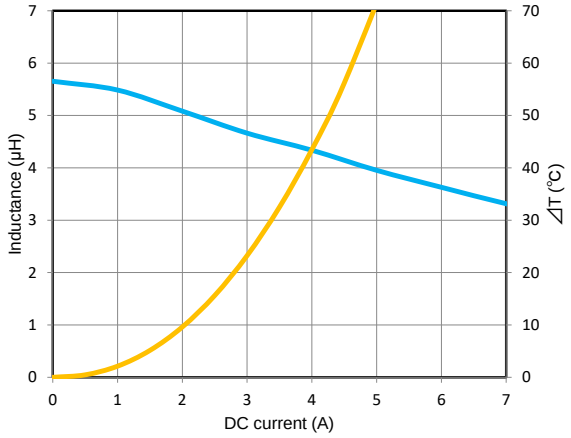

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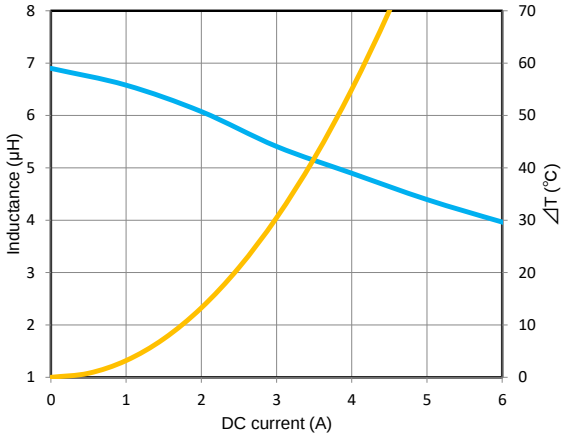
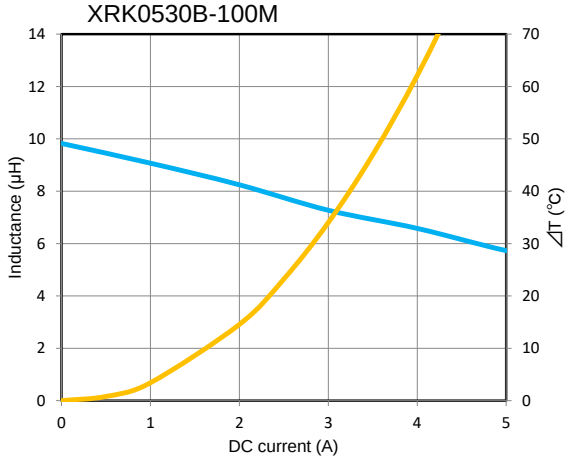
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