

组合式扁线大电流电感

Shielded Power Inductor (High Current Flat Wire)

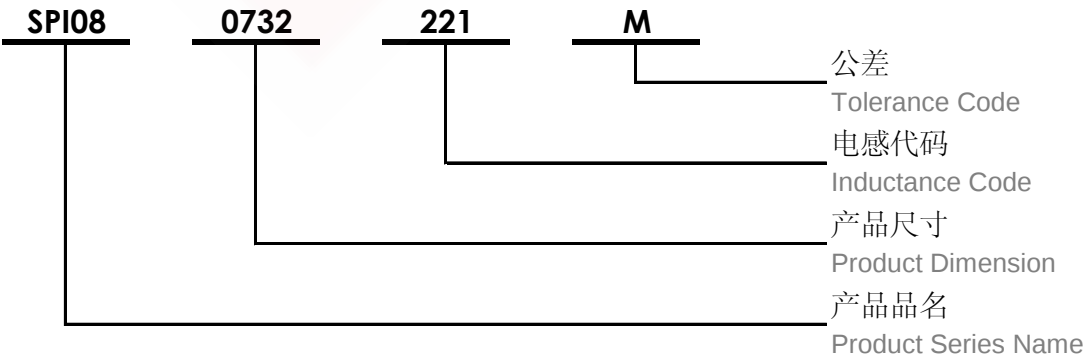


- 特性
- Characteristics
- 磁屏蔽结构：抗电磁干扰(EMI)性能强
- Magnetic shielded structure: excellent resistanceto electro magnetic interference(EMI)
- 扁平线绕组，实现极低的直流电阻
- Flat wire winding, achieve a low D.C. Resistance
- 低损耗，高效率，应用频率宽，适用范围广
- Low loss, high efficiency, wide applicationfrequencyand application scope
- 轻薄型设计，节省空间，适合高密度贴装
- Lightweight design, save space, suitable for high density SMT

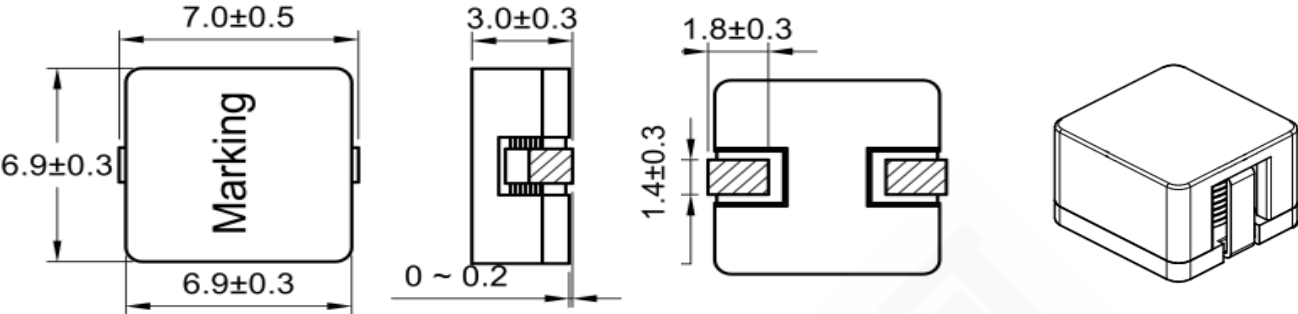
- 应用
- Application
- 图形卡
- Graphic cards
- 工业计算机
- Industrial computers
- 大电流开关稳压器
- High current switching regulators
- DC/DC转换器
- DC/DC converter

产品品名介绍

Product Number Structure



 尺寸
Dimension (mm)



 焊盘推荐
Land Pattern Recommended (mm)

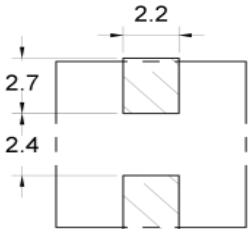
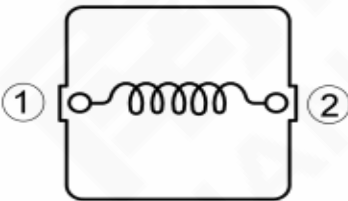


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I_R typ 50°C (A)	直流电阻 DC Resistance DCRmax (m Ω)	饱和电流 Saturation Current I_{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-0703-R10M	0.10 $\pm 20\%$	23.00	0.90	52.00	1,500
SPI08-0703-R22M	0.22 $\pm 20\%$	19.00	1.82	42.00	1,500
SPI08-0703-R47M	0.47 $\pm 20\%$	14.50	3.91	28.00	1,500
SPI08-0703-1R0M	1.00 $\pm 20\%$	11.50	6.50	13.00	1,500
SPI08-0703-1R5M	1.50 $\pm 20\%$	8.70	9.10	11.00	1,500
SPI08-0703-2R2M	2.20 $\pm 20\%$	7.80	12.40	9.00	1,500

测试状态

Test Condition

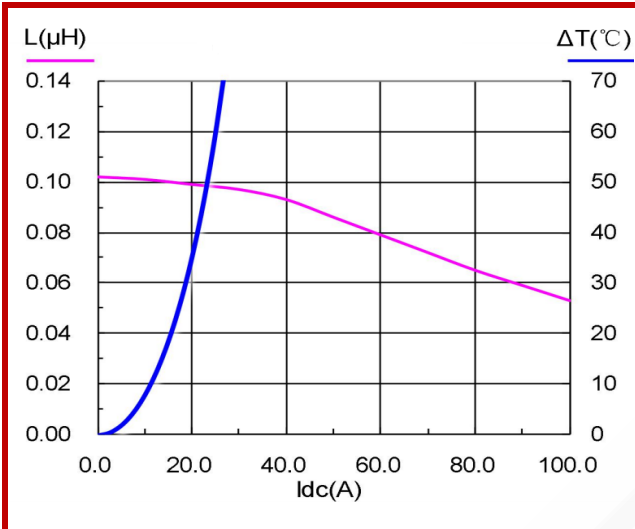
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



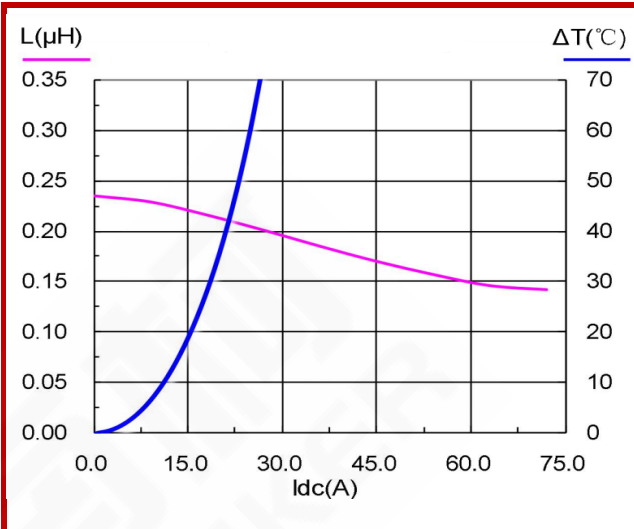
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

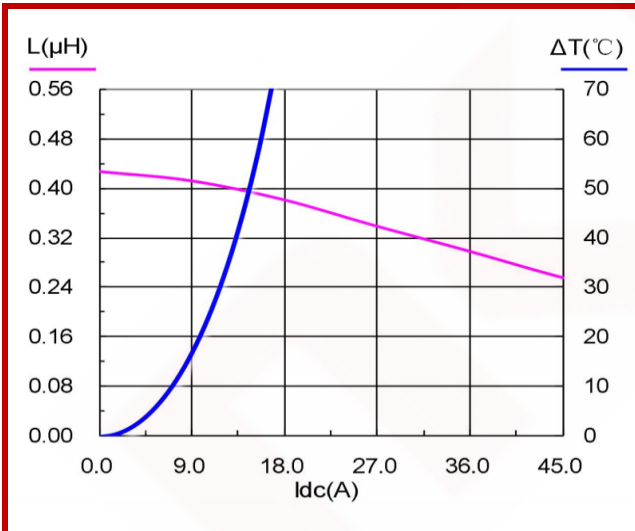
SPI08-0703-R10M



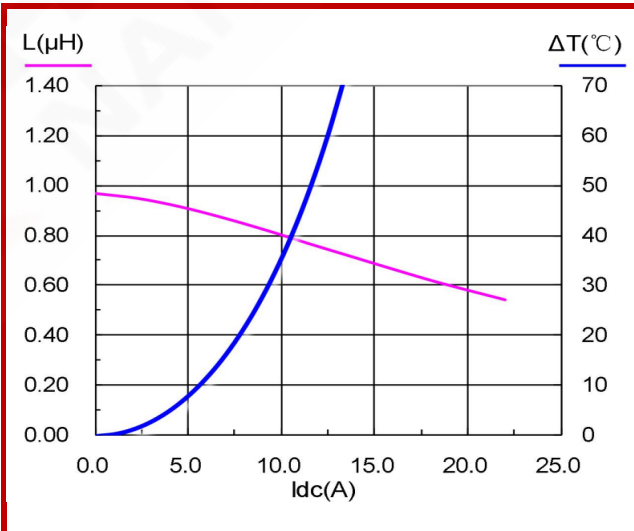
SPI08-0703-R22M



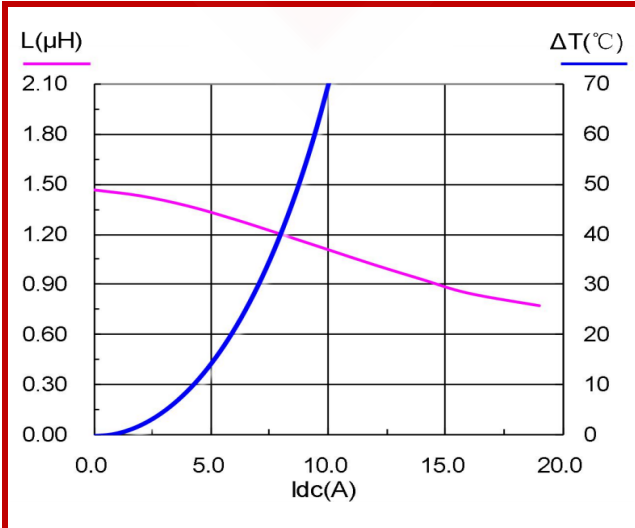
SPI08-0703-R47M



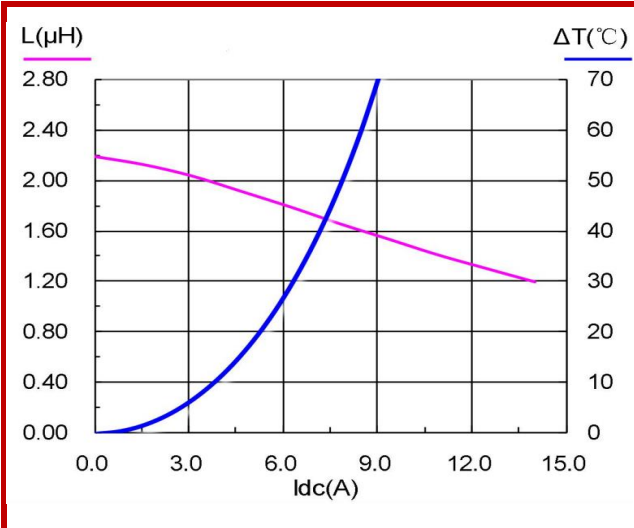
SPI08-0703-1R0M

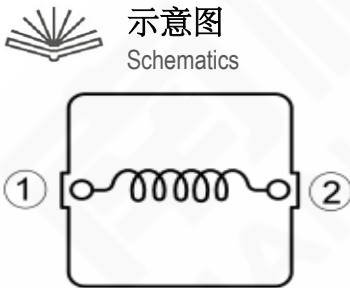
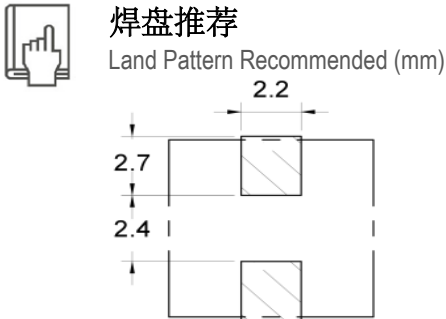
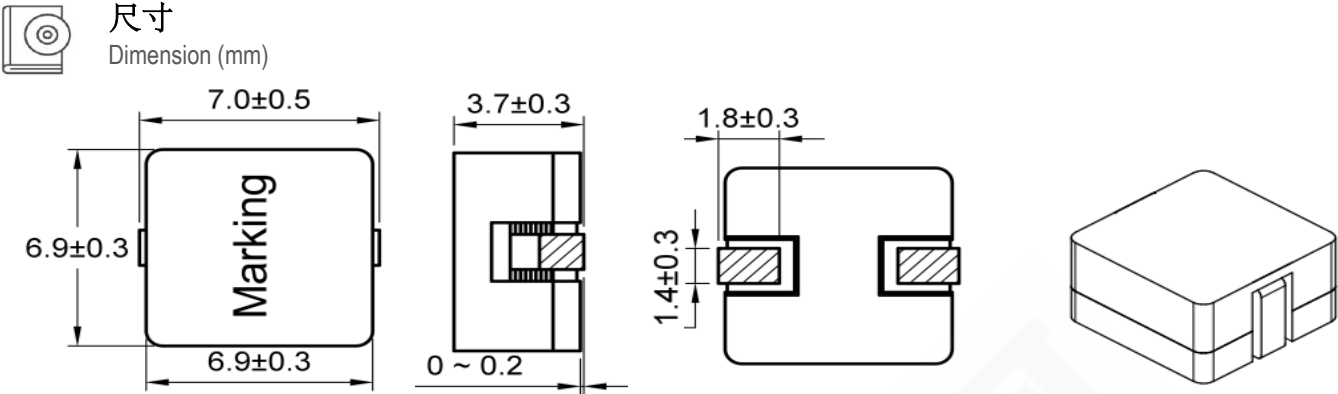


SPI08-0703-1R5M



SPI08-0703-2R2M





 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-0704-R24M	0.24 ±20%	21.00	1.20	30.00	1,000
SPI08-0704-R47M	0.47 ±20%	19.00	1.90	25.00	1,000
SPI08-0704-R68M	0.68 ±20%	17.50	3.20	20.00	1,000
SPI08-0704-1R0M	1.00 ±20%	15.50	4.50	19.00	1,000
SPI08-0704-1R5M	1.50 ±20%	11.50	6.20	14.00	1,000
SPI08-0704-2R2M	2.20 ±20%	9.00	12.10	13.00	1,000
SPI08-0704-3R5M	3.50 ±20%	6.80	17.30	11.00	1,000
SPI08-0704-4R7M	4.70 ±20%	6.40	21.20	8.50	1,000
SPI08-0704-5R6M	5.60 ±20%	5.50	23.00	7.80	1,000
SPI08-0704-6R5M	6.50 ±20%	4.60	36.20	6.50	1,000

测试状态

Test Condition

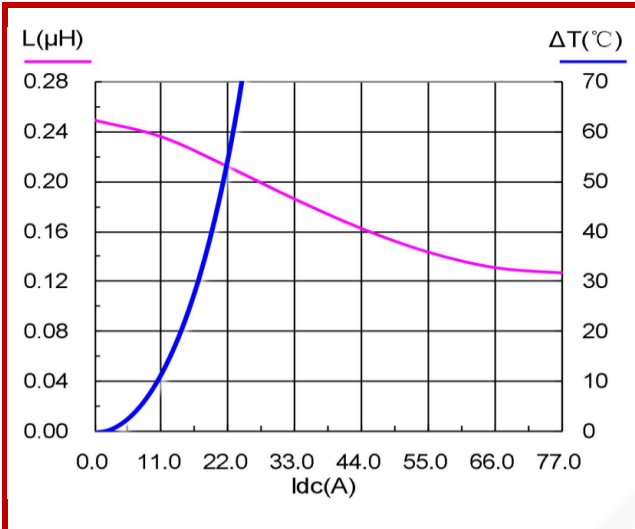
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



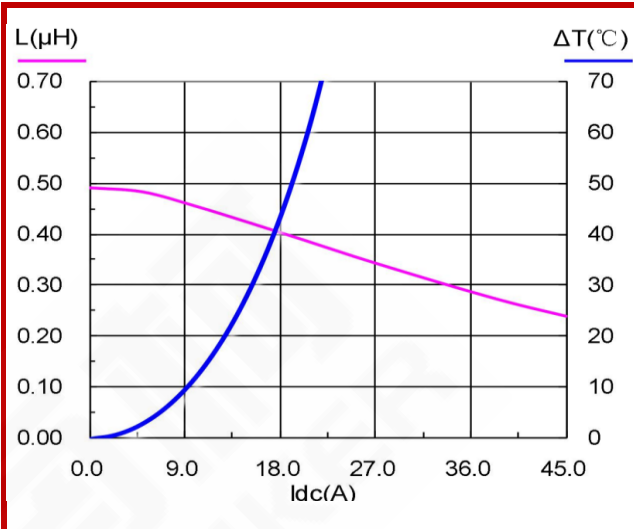
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

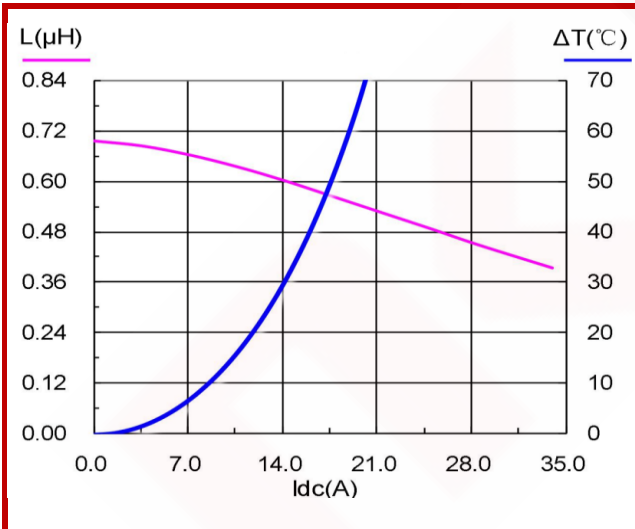
SPI08-0704-R24M



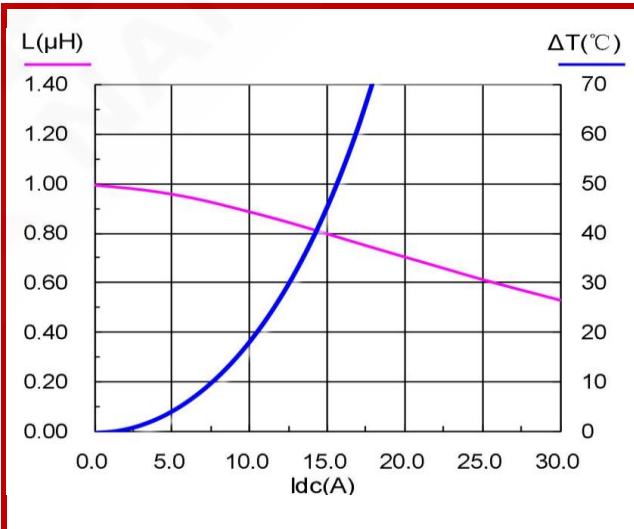
SPI08-0704-R47M



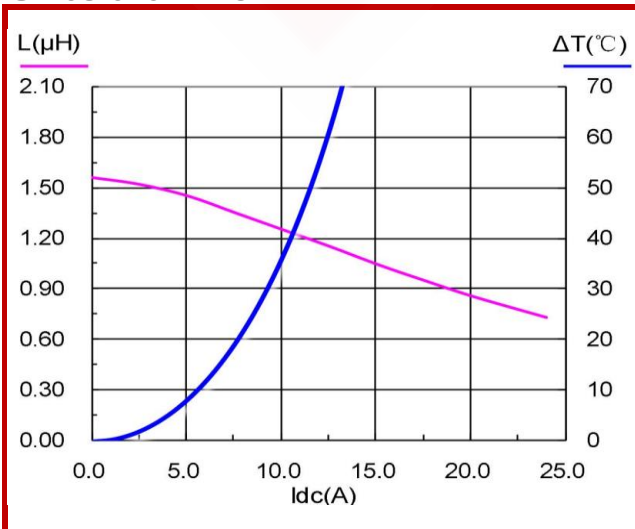
SPI08-0704-R68M



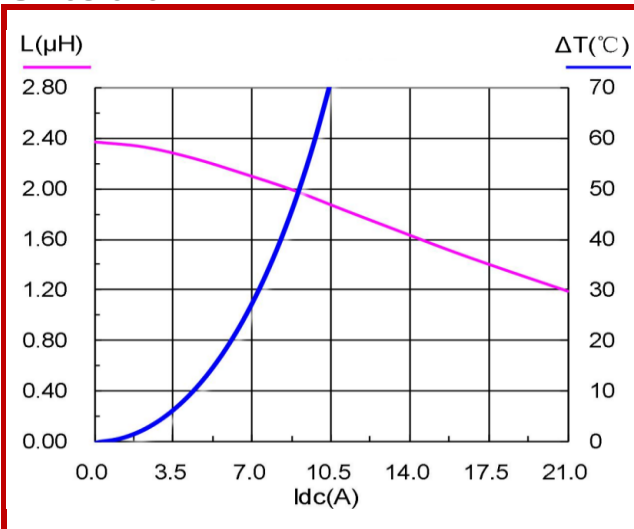
SPI08-0704-1R0M



SPI08-0704-1R5M



SPI08-0704-2R2M

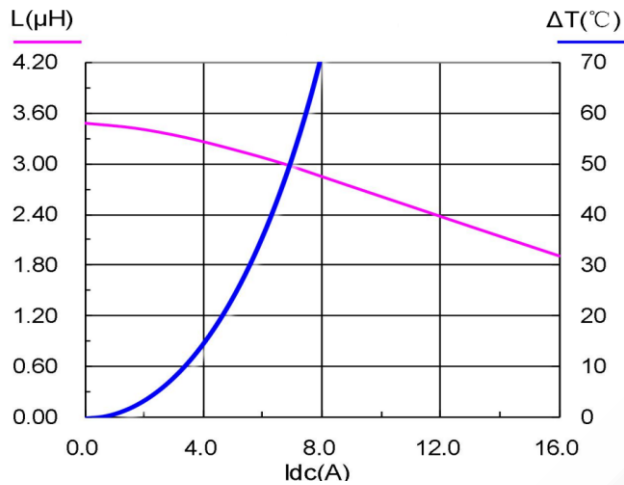




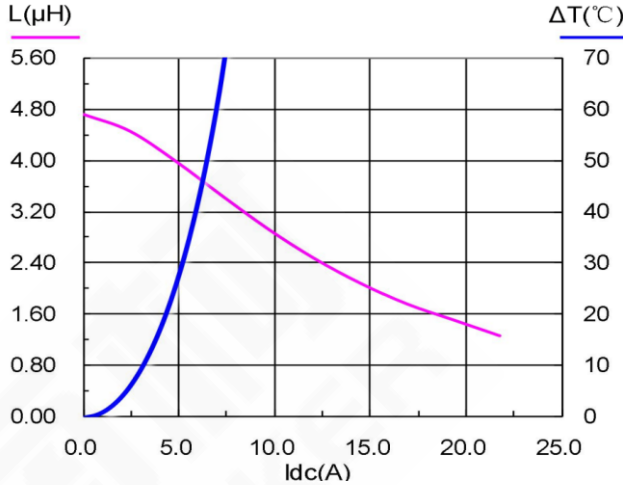
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

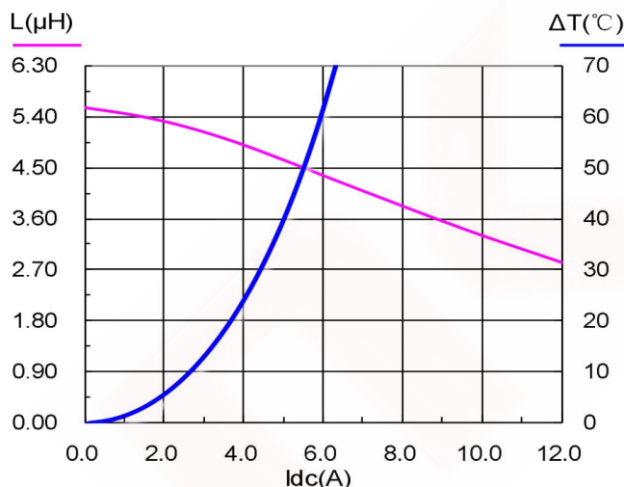
SPI08-0704-3R5M



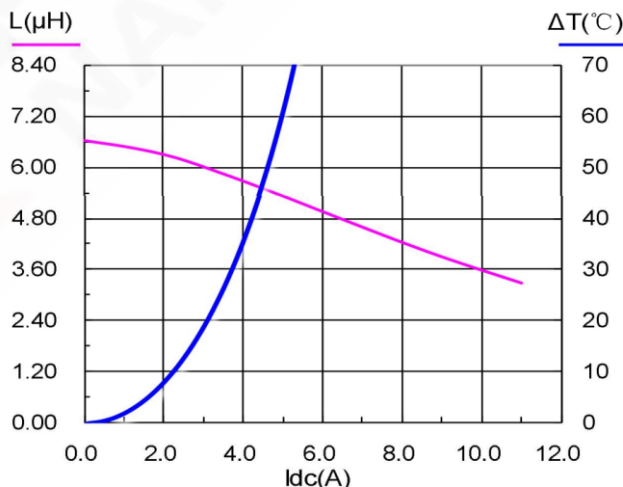
SPI08-0704-4R7M

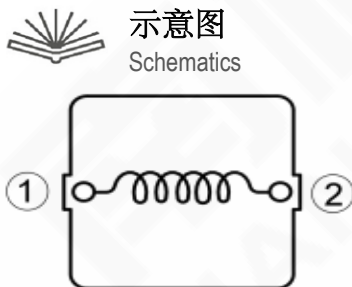
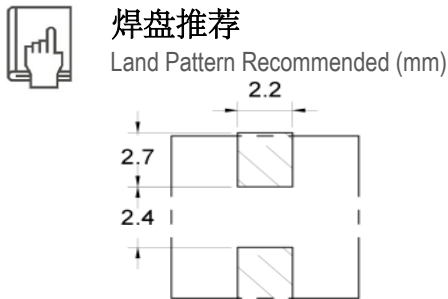
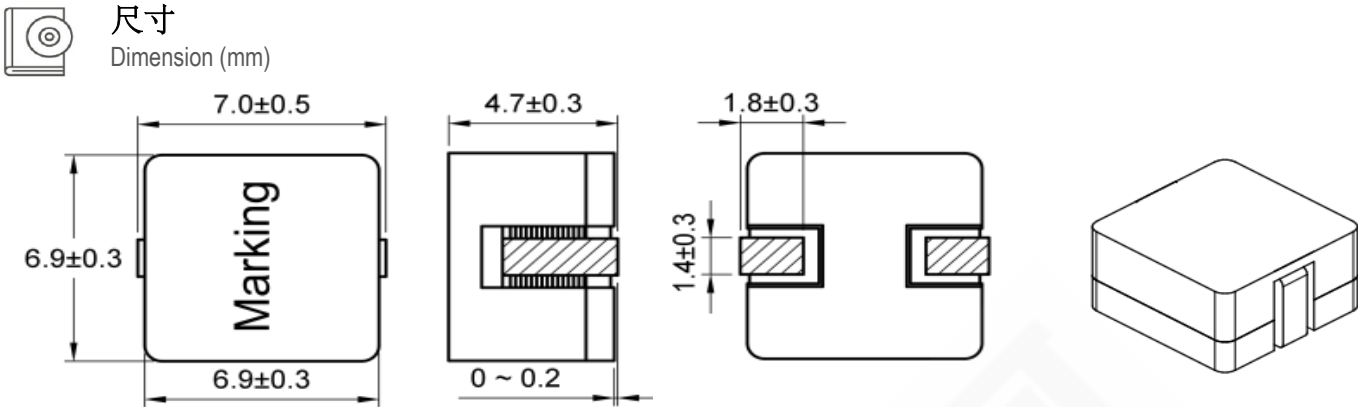


SPI08-0704-5R6M



SPI08-0704-6R5M





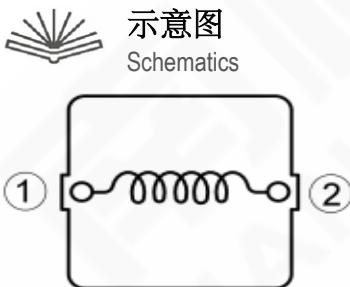
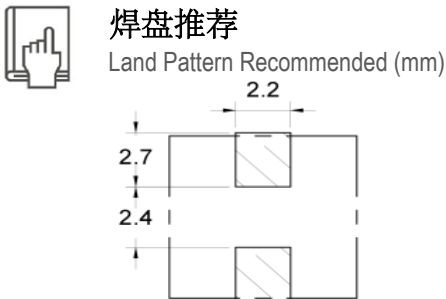
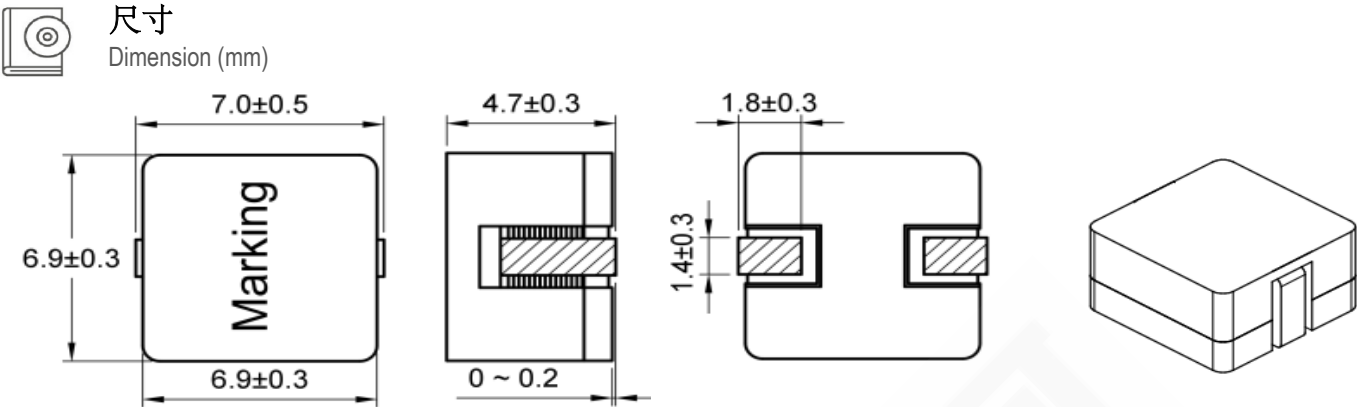
 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _R typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-0705-R25M	0.25 ±20%	21.00	1.00	35.00	1,000
SPI08-0705-R47M	0.47 ±20%	18.00	1.56	25.00	1,000
SPI08-0705-1R0M	1.00 ±20%	15.00	4.10	21.00	1,000
SPI08-0705-1R5M	1.50 ±20%	13.50	4.75	16.00	1,000
SPI08-0705-2R0M	2.00 ±20%	11.80	6.40	14.00	1,000
SPI08-0705-2R7M	2.70 ±20%	10.30	8.20	11.80	1,000
SPI08-0705-3R3M	3.30 ±20%	9.00	9.80	10.50	1,000
SPI08-0705-3R9M	3.90 ±20%	8.00	14.20	10.00	1,000

测试状态

Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-0705-4R7M	4.70 ±20%	6.50	17.00	9.00	1,000
SPI08-0705-5R6M	5.60 ±20%	6.20	22.10	8.50	1,000
SPI08-0705-6R8M	6.80 ±20%	6.00	23.60	7.80	1,000
SPI08-0705-7R6M	7.60 ±20%	6.00	23.60	7.00	1,000
SPI08-0705-8R8M	8.80 ±20%	4.80	24.90	6.50	1,000
SPI08-0705-100M	10.00 ±20%	4.40	30.50	6.00	1,000
SPI08-0705-130M	13.00 ±20%	3.10	44.50	5.00	1,000

测试状态
Test Condition

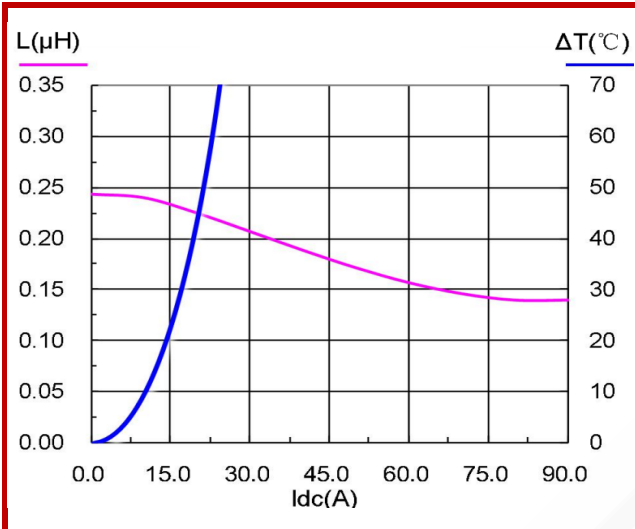
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



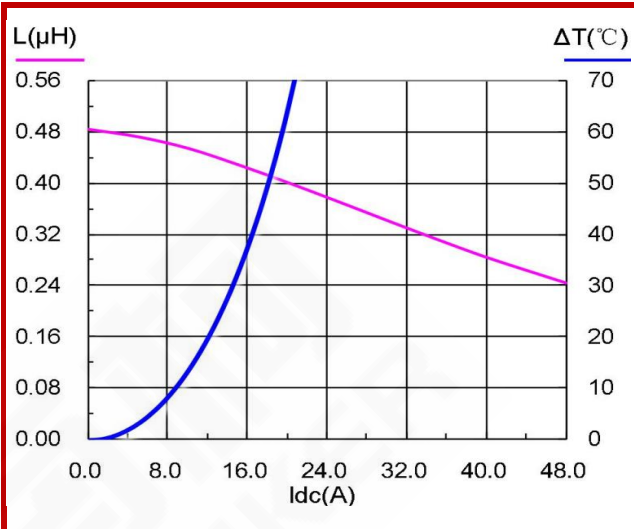
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

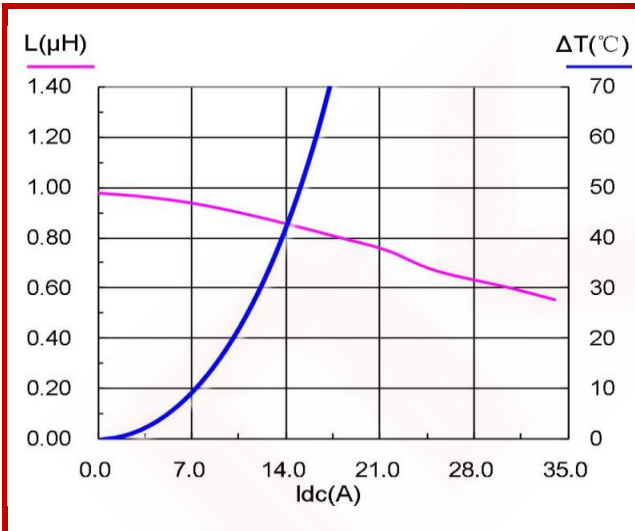
SPI08-0705-R25M



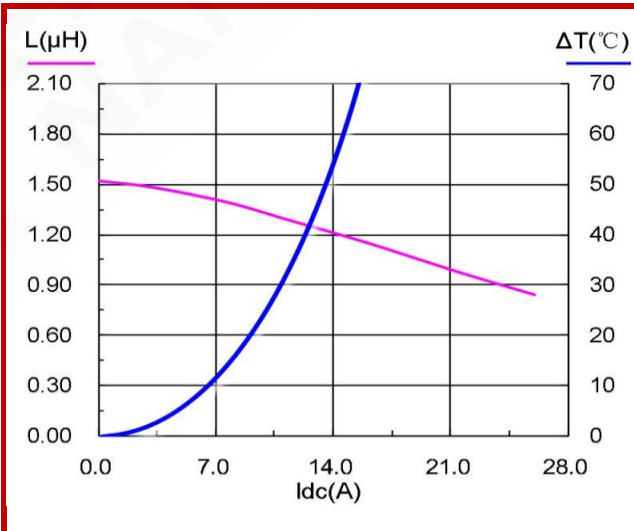
SPI08-0705-R47M



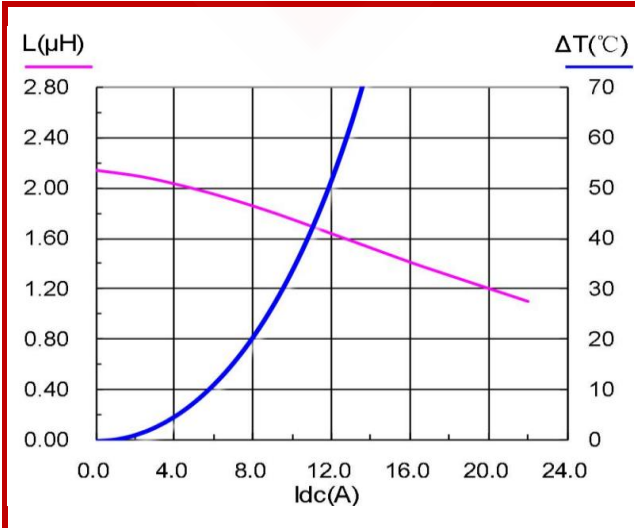
SPI08-0705-1R0M



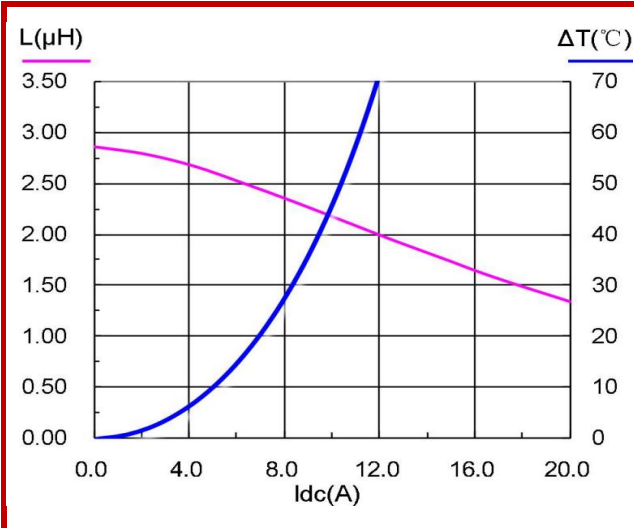
SPI08-0705-1R5M



SPI08-0705-2R0M



SPI08-0705-2R7M

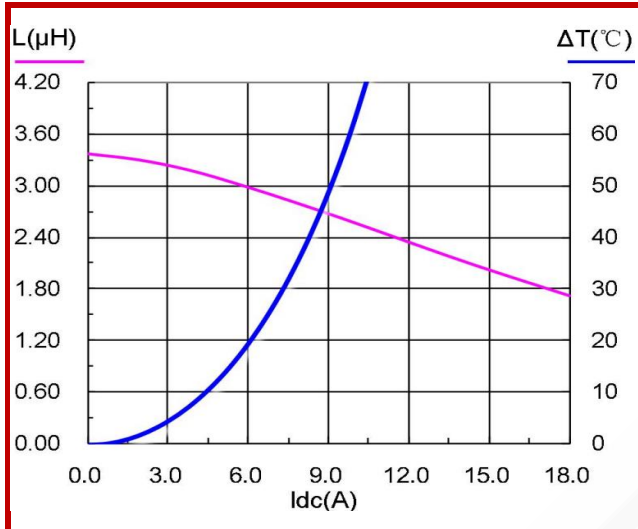




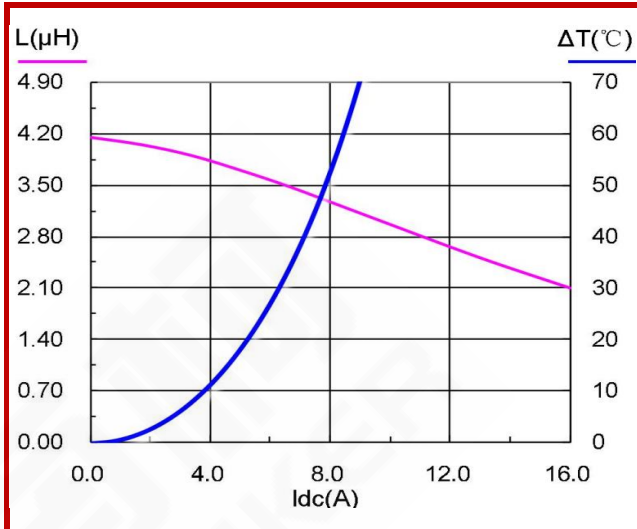
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

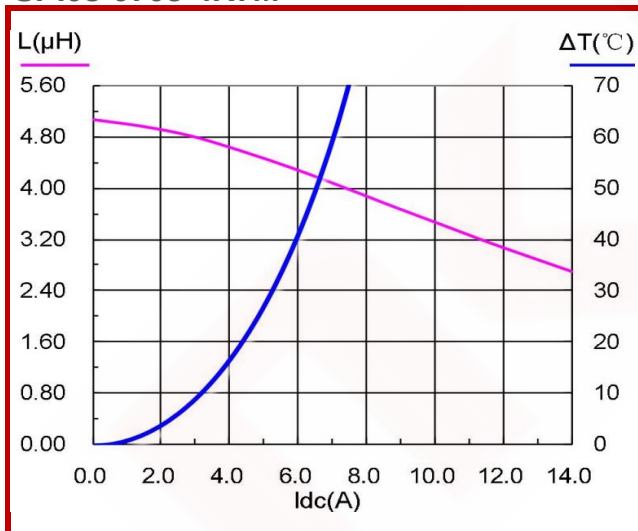
SPI08-0705-3R3M



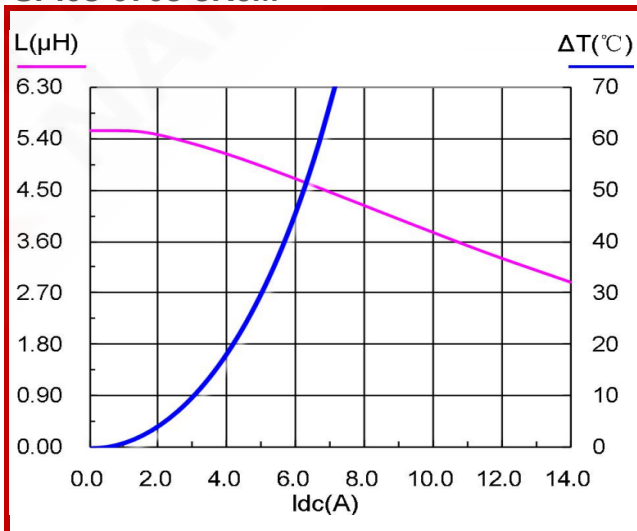
SPI08-0705-3R9M



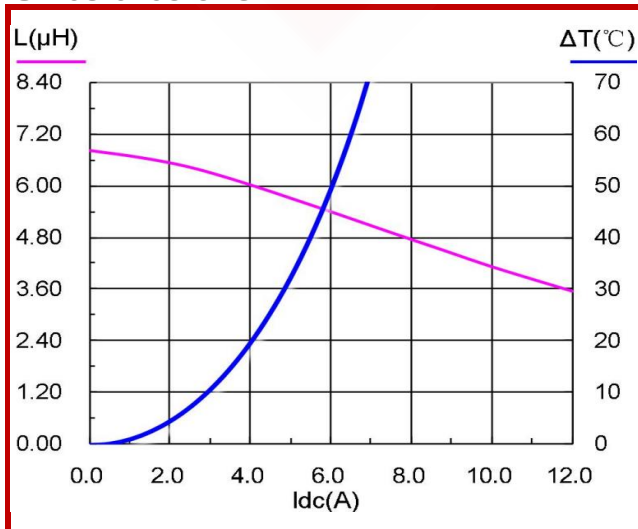
SPI08-0705-4R7M



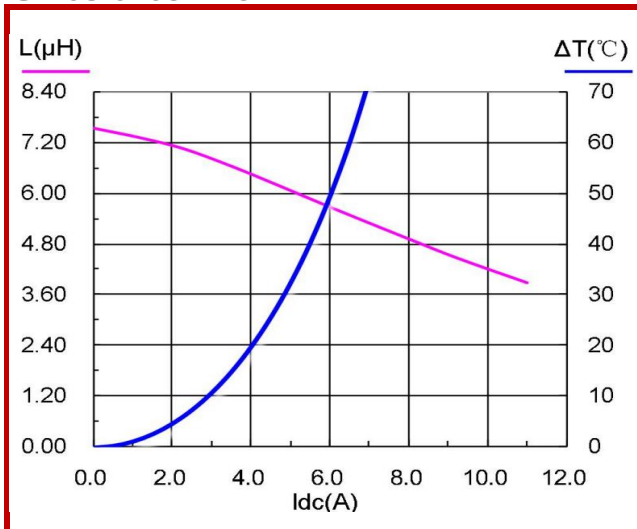
SPI08-0705-5R6M



SPI08-0705-6R8M



SPI08-0705-7R6M

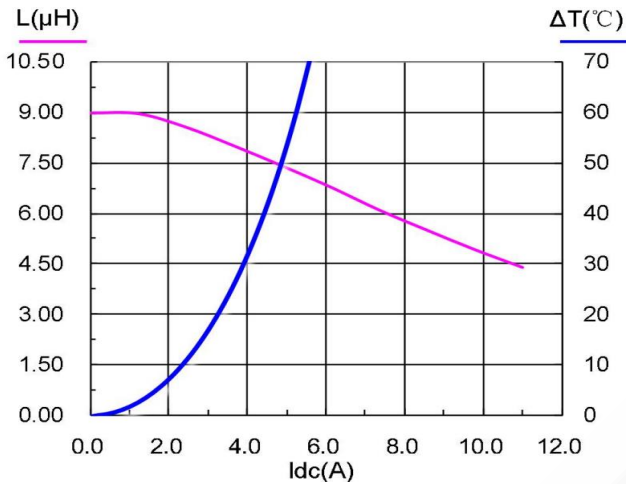




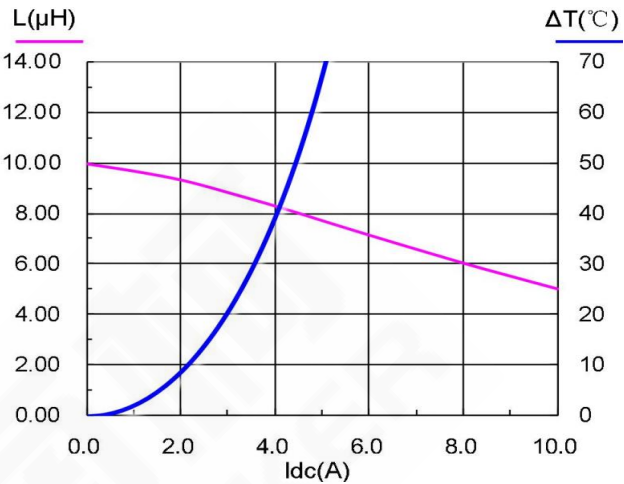
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

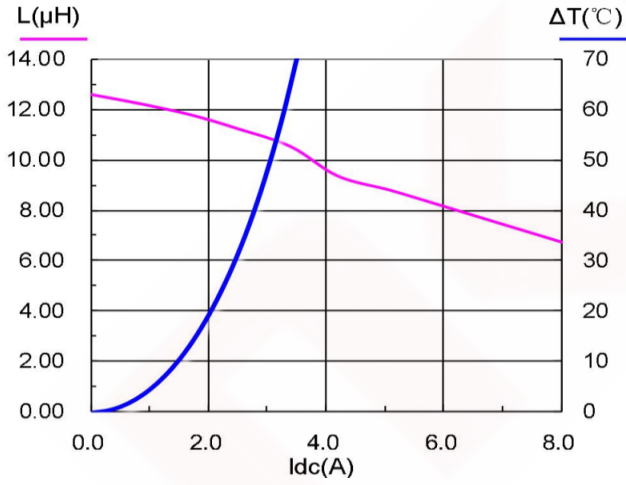
SPI08-0705-8R8M



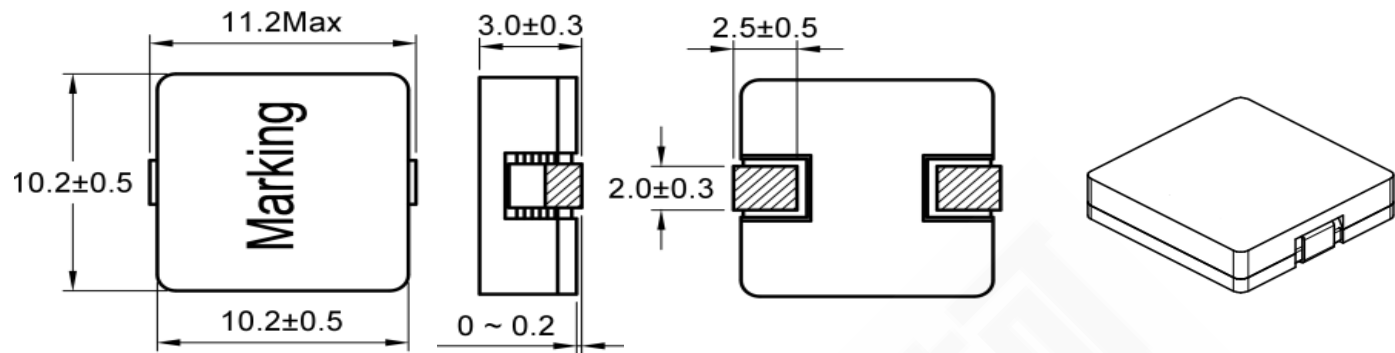
SPI08-0705-100M



SPI08-0705-130M



 尺寸
Dimension (mm)



 焊盘推荐
Land Pattern Recommended (mm)

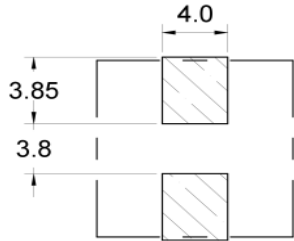
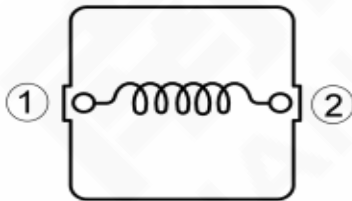


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1003-R20M	0.20 ±20%	22.00	0.95	50.00	800
SPI08-1003-R47M	0.47 ±20%	18.00	2.50	32.00	800
SPI08-1003-1R0M	1.00 ±20%	15.00	4.70	21.00	800
SPI08-1003-1R5M	1.50 ±20%	12.00	7.60	18.00	800
SPI08-1003-2R2M	2.20 ±20%	9.00	13.30	15.00	800
SPI08-1003-2R5M	2.50 ±20%	9.00	13.30	12.00	800

测试状态

Test Condition

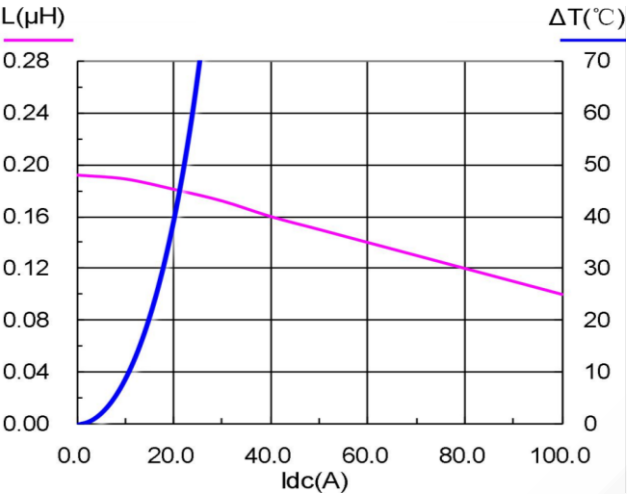
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



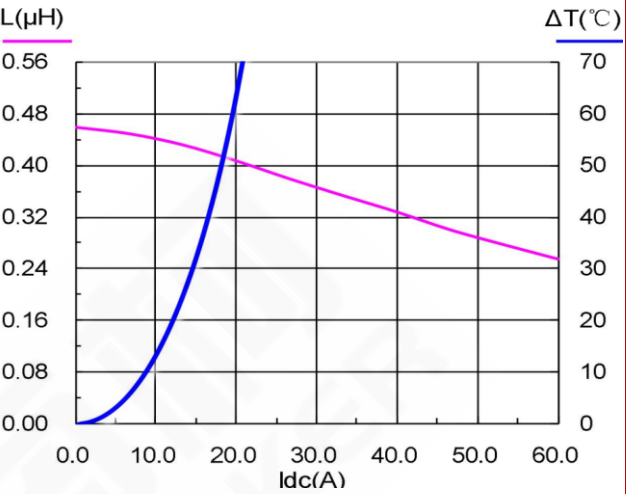
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

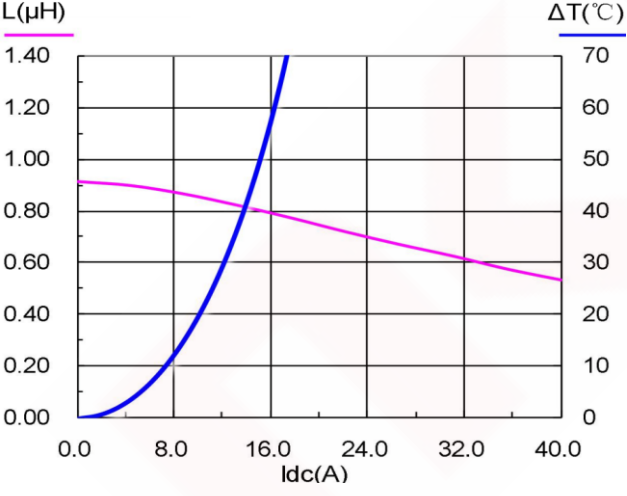
SPI08-1003-R20M



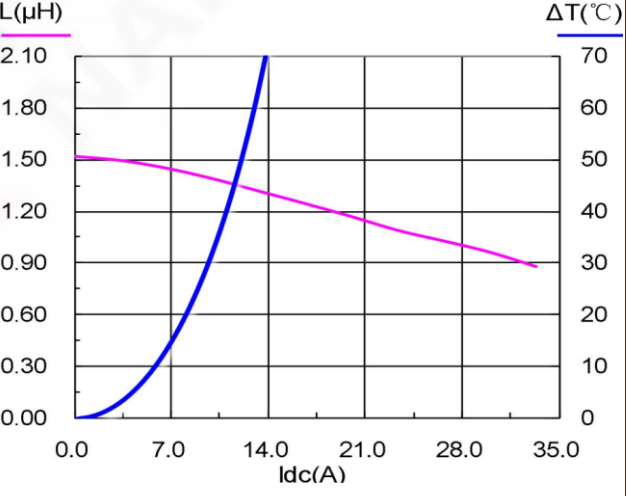
SPI08-1003-R47M



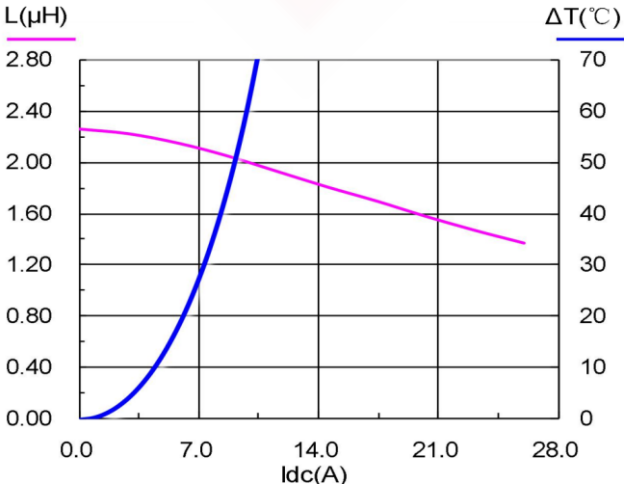
SPI08-1003-1R0M



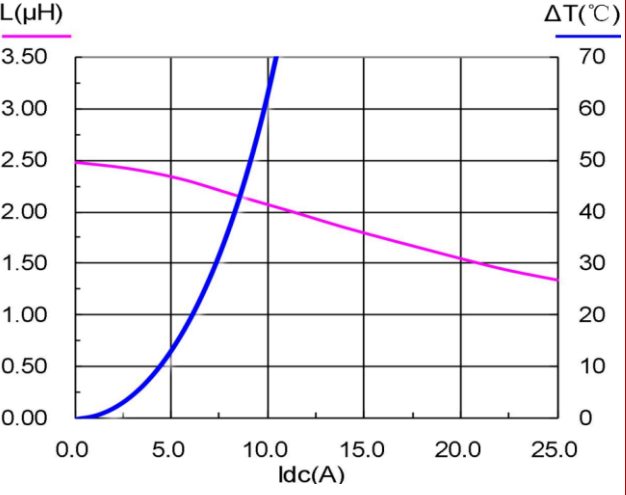
SPI08-1003-1R5M



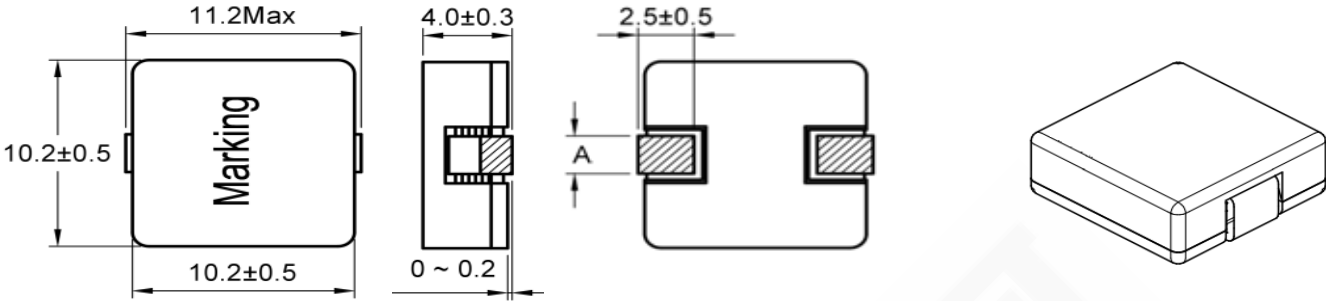
SPI08-1003-2R2M



SPI08-1003-2R5M



 尺寸
Dimension (mm)



Dimension	R18 ~ R66	1R0 ~ 6R8
A	2.50 ± 0.30	2.00 ± 0.30

 焊盘推荐
Land Pattern Recommended (mm)

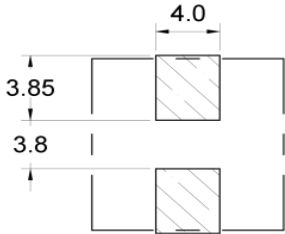
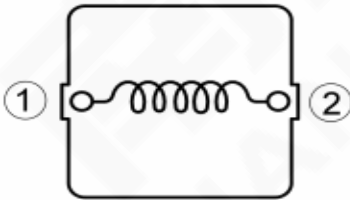


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1004-R18M	0.18 ±20%	30.00	0.70	60.00	800
SPI08-1004-R38M	0.38 ±20%	22.00	1.28	50.00	800
SPI08-1004-R66M	0.66 ±20%	18.00	2.20	40.00	800
SPI08-1004-1R0M	1.00 ±20%	16.00	3.50	32.00	800
SPI08-1004-1R5M	1.50 ±20%	14.00	5.50	28.00	800
SPI08-1004-2R2M	2.20 ±20%	11.00	7.90	22.00	800
SPI08-1004-2R7M	2.70 ±20%	11.00	7.90	15.00	800
SPI08-1004-3R5M	3.50 ±20%	9.50	10.00	13.00	800
SPI08-1004-4R5M	4.50 ±20%	8.00	13.00	11.00	800
SPI08-1004-5R6M	5.60 ±20%	7.20	15.80	10.00	800
SPI08-1004-6R8M	6.80 ±20%	5.60	23.60	9.50	800

测试状态

Test Condition

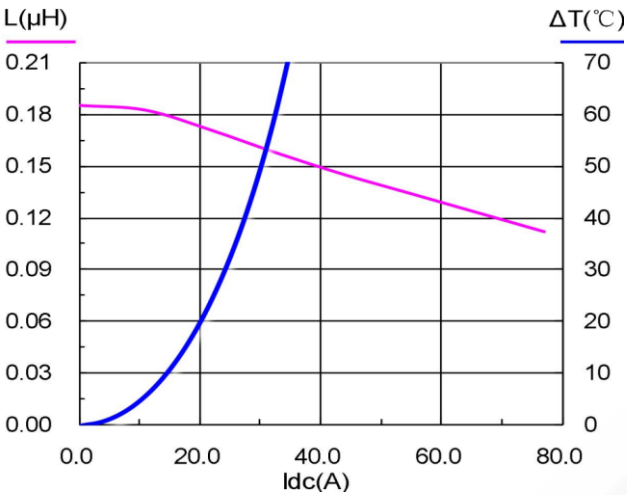
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



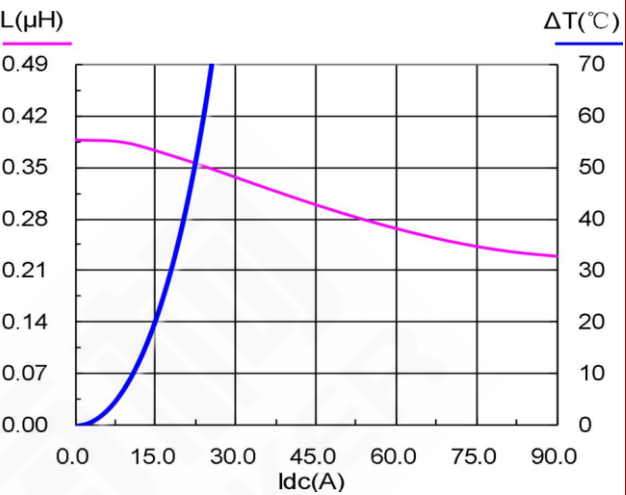
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

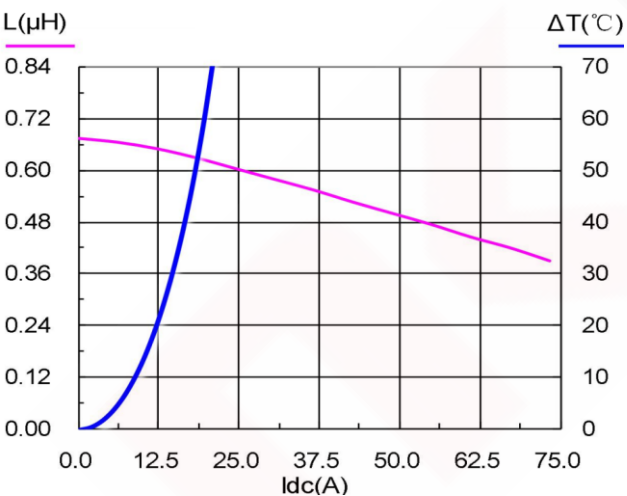
SPI08-1004-R18M



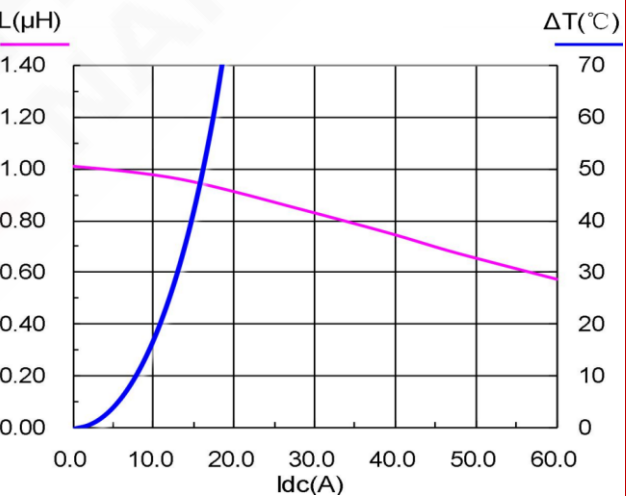
SPI08-1004-R38M



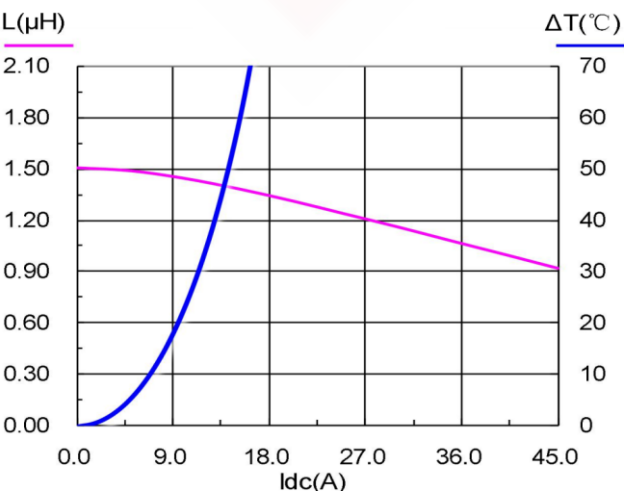
SPI08-1004-R66M



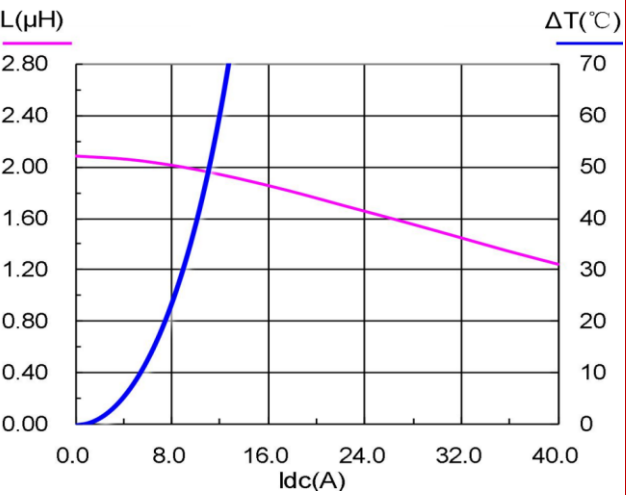
SPI08-1004-1R0M



SPI08-1004-1R5M



SPI08-1004-2R2M

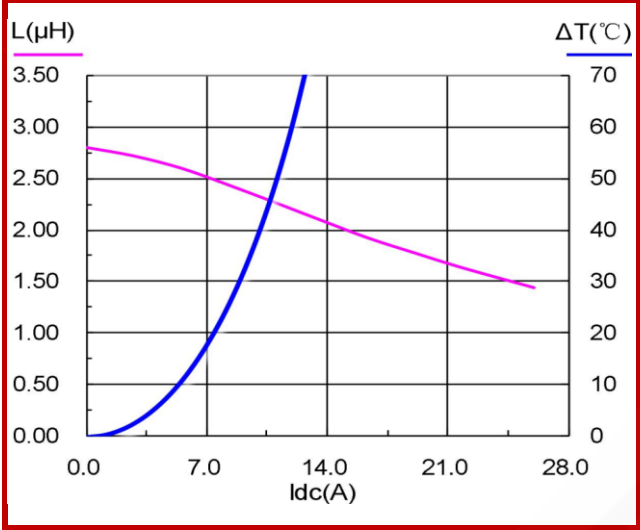




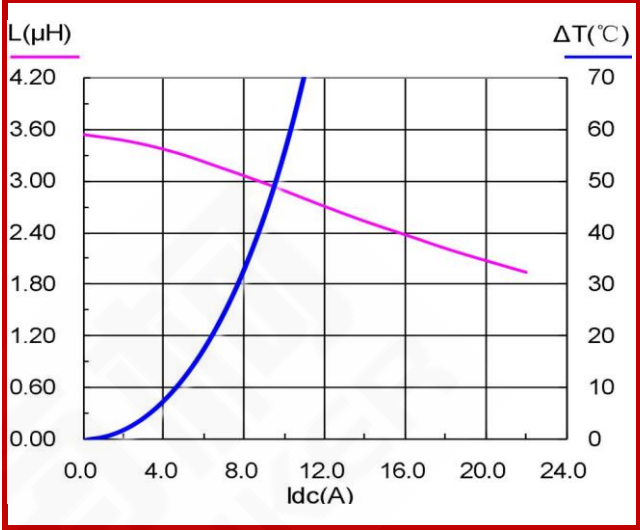
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

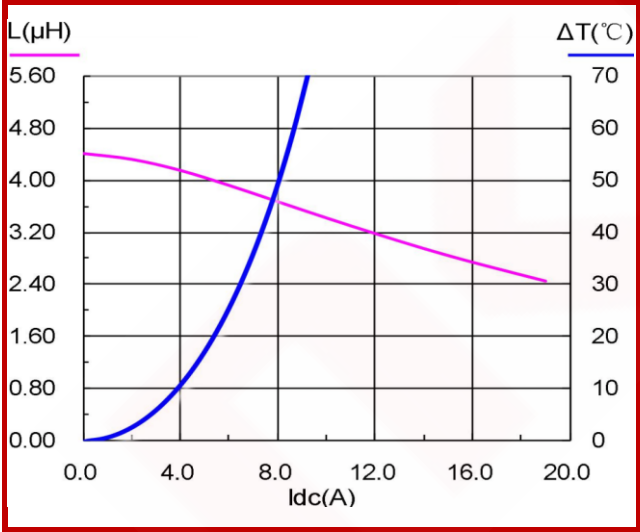
SPI08-1004-2R2M



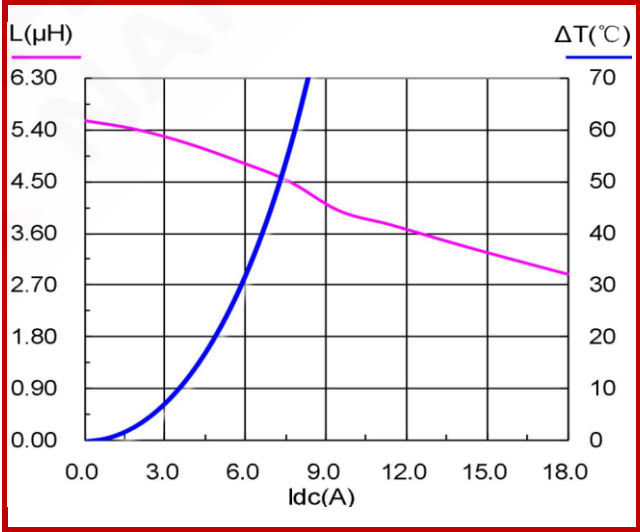
SPI08-1004-2R7M



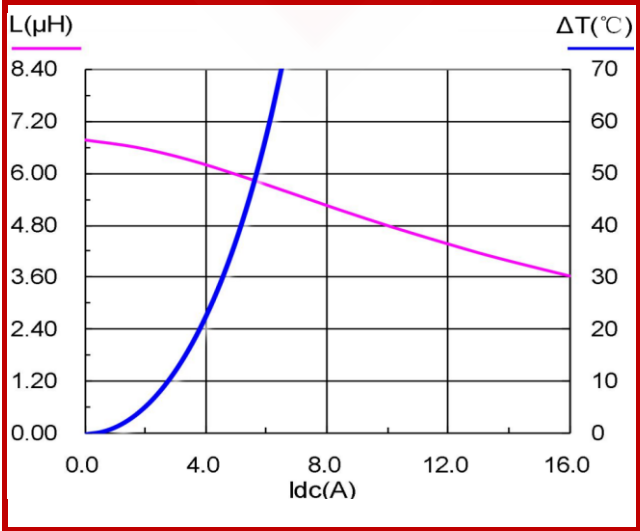
SPI08-1004-3R5M



SPI08-1004-4R5M

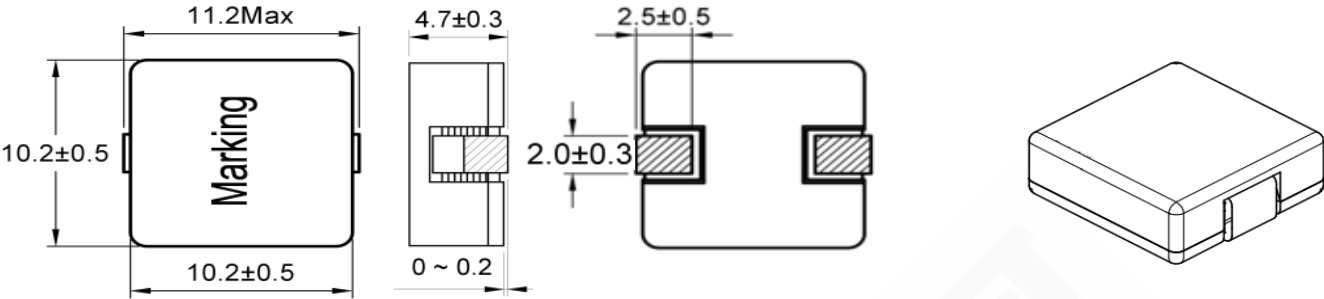


SPI08-1004-5R6M





尺寸
Dimension (mm)



焊盘推荐
Land Pattern Recommended (mm)

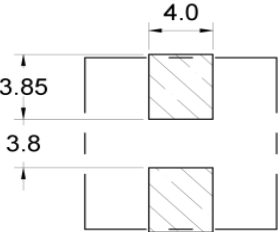
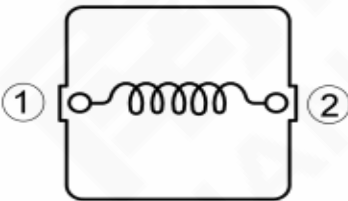


示意图
Schematics



电性特性
Electrical Properties

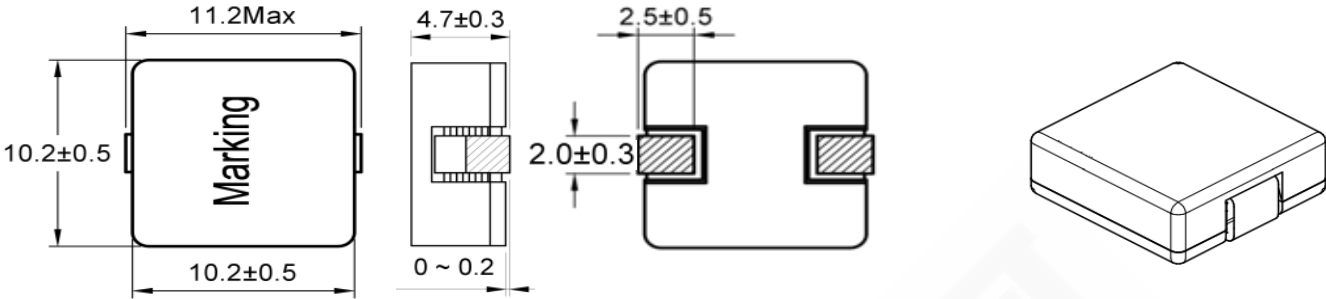
型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1005-R18M	0.18 ±20%	32.00	0.55	55.00	700
SPI08-1005-R39M	0.39 ±20%	24.00	0.77	38.00	700
SPI08-1005-R82M	0.82 ±20%	23.00	1.50	30.00	700
SPI08-1005-1R2M	1.20 ±20%	19.00	2.35	25.00	700
SPI08-1005-1R8M	1.80 ±20%	17.00	3.45	20.00	700
SPI08-1005-2R5M	2.50 ±20%	15.00	4.70	17.00	700
SPI08-1005-3R3M	3.30 ±20%	13.00	6.50	15.00	700

测试状态

Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value

 尺寸
Dimension (mm)



 焊盘推荐
Land Pattern Recommended (mm)

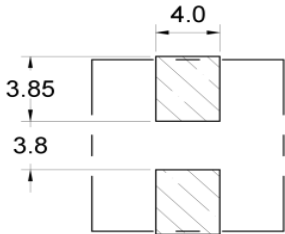
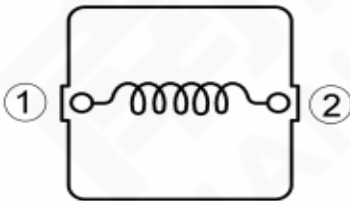


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1005-4R2M	4.20 ±20%	11.00	8.50	14.00	700
SPI08-1005-5R6M	5.60 ±20%	10.30	9.90	12.00	700
SPI08-1005-6R8M	6.80 ±20%	9.00	12.10	10.00	700
SPI08-1005-8R2M	8.20 ±20%	8.10	15.10	9.50	700
SPI08-1005-100M	10.00 ±20%	7.10	18.90	8.50	700
SPI08-1005-150M	15.00 ±20%	5.50	29.80	7.00	700
SPI08-1005-180M	18.00 ±20%	5.00	39.90	6.20	700

测试状态
Test Condition

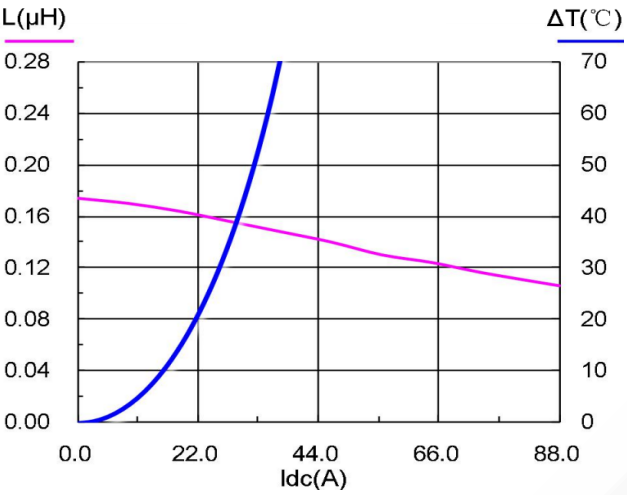
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



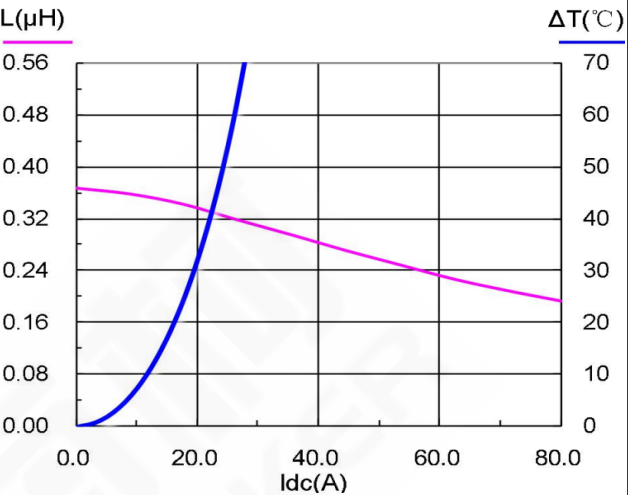
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

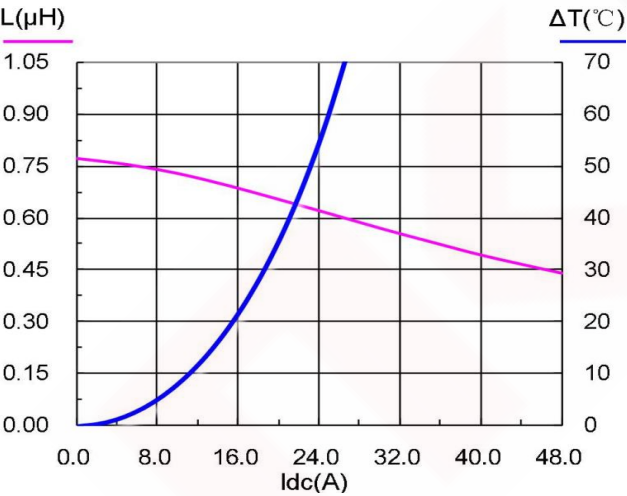
SPI08-1005-R18M



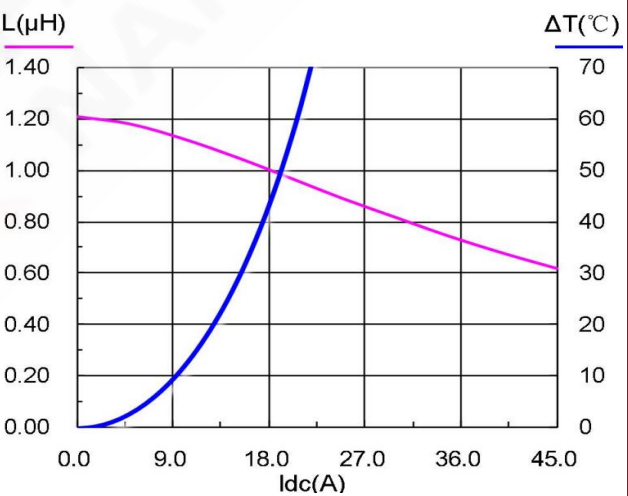
SPI08-1005-R39M



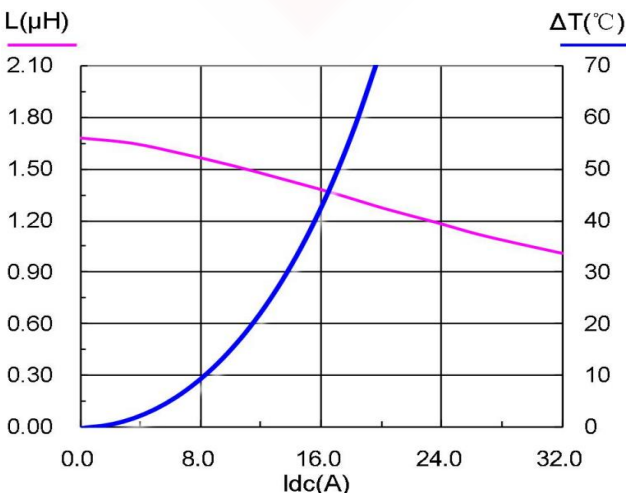
SPI08-1005-R82M



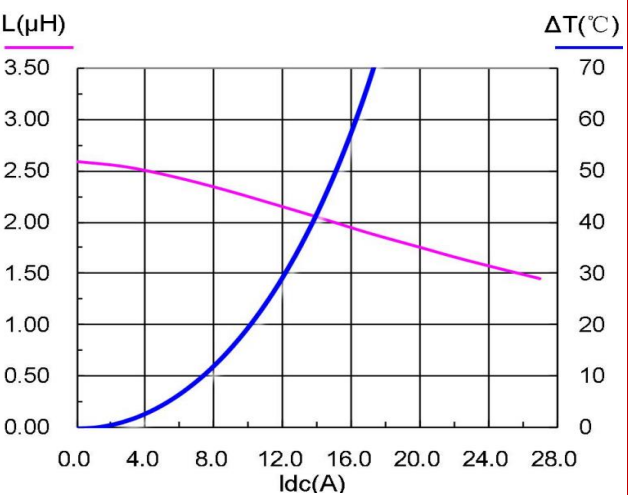
SPI08-1005-1R2M



SPI08-1005-1R8M



SPI08-1005-2R5M

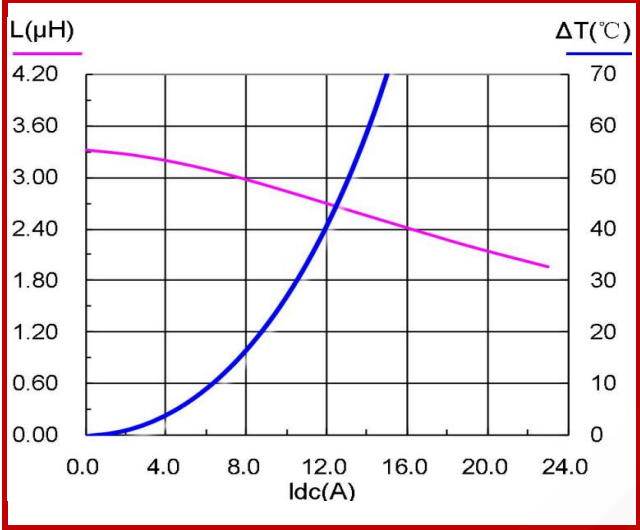




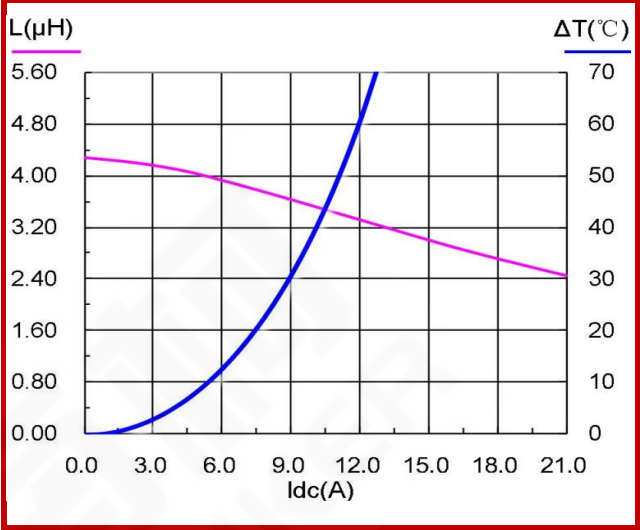
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

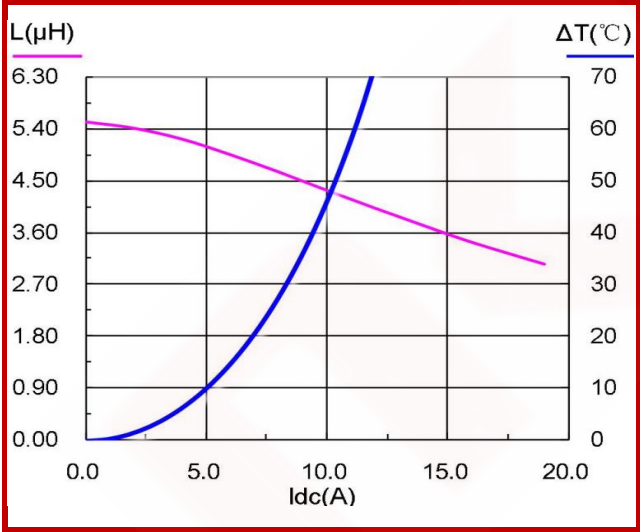
SPI08-1005-3R3M



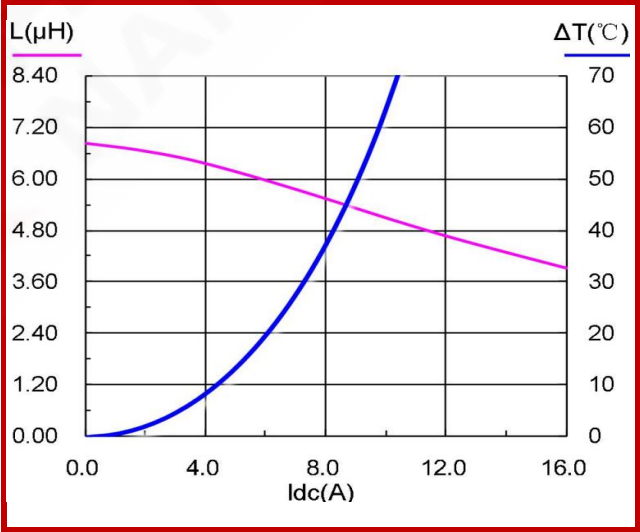
SPI08-1005-4R2M



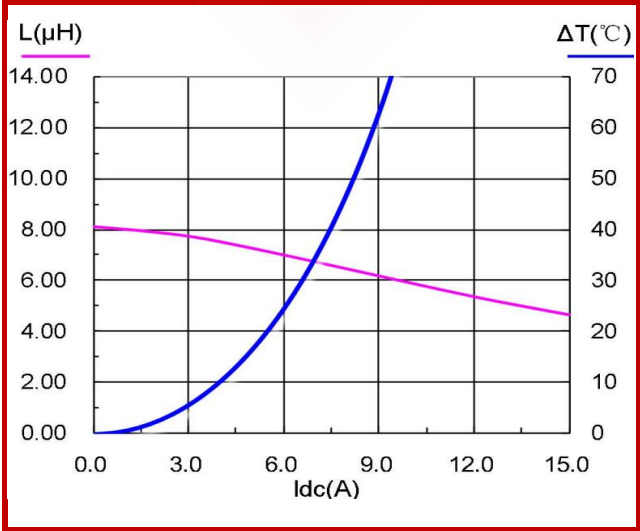
SPI08-1005-5R6M



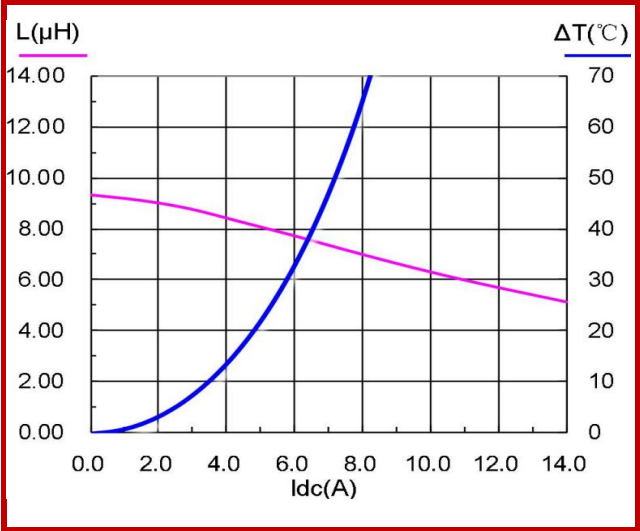
SPI08-1005-6R8M



SPI08-1005-8R2M



SPI08-1005-100M

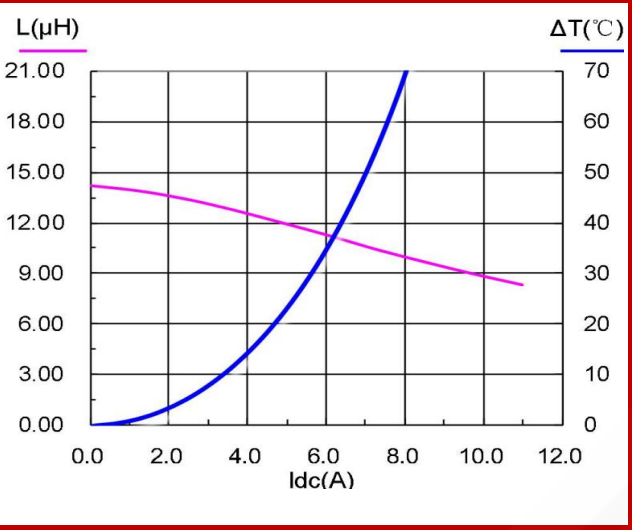




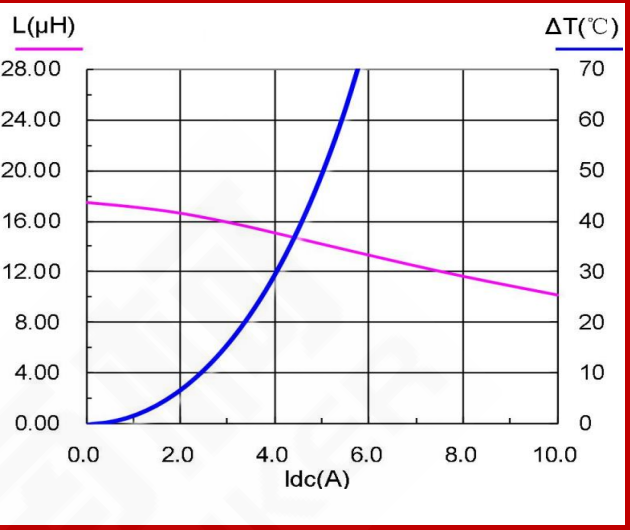
饱和电流VS温升电流曲线

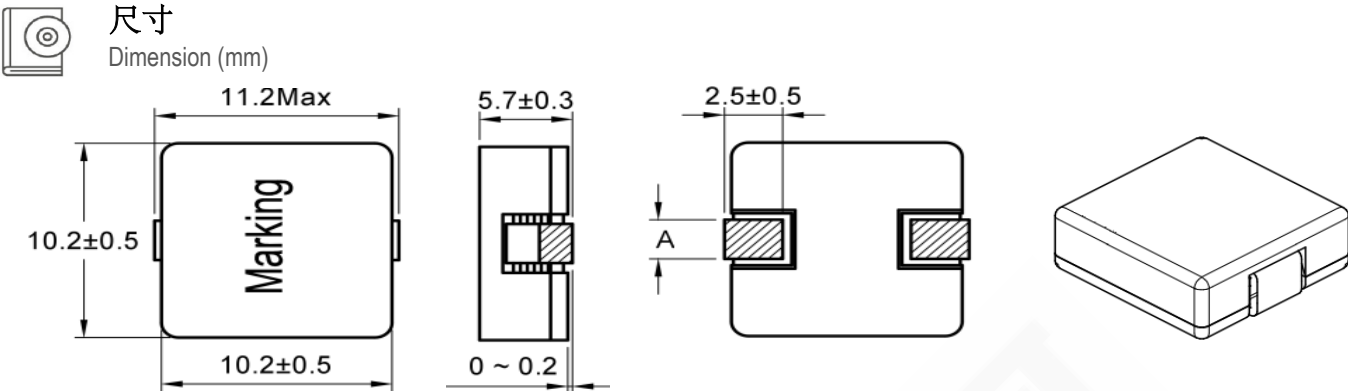
Saturation current vs temperature rise current curve

SPI08-1005-150M

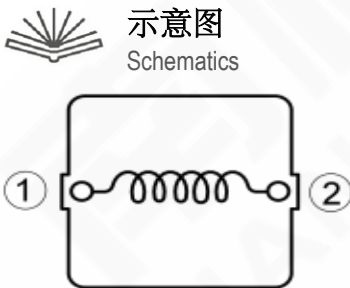
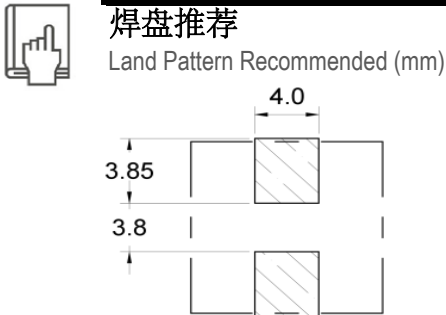


SPI08-1005-180M





Dimension	R38 ~ 2R2	2R9 ~ 270
A	2.50 ± 0.30	2.00 ± 0.30

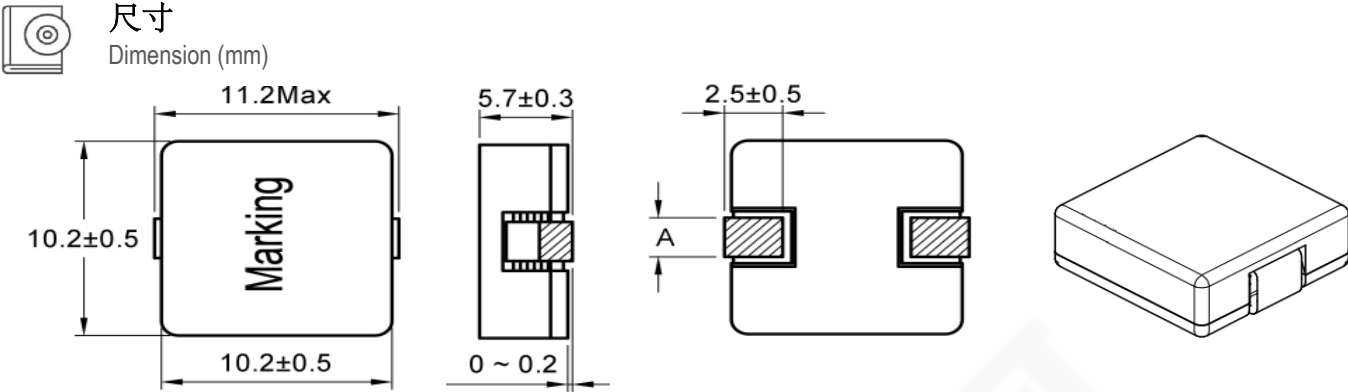


 电性特性
Electrical Properties

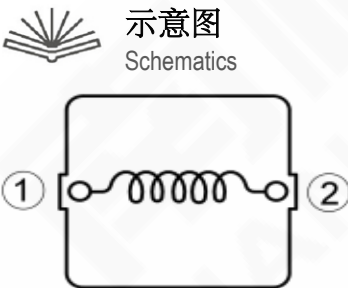
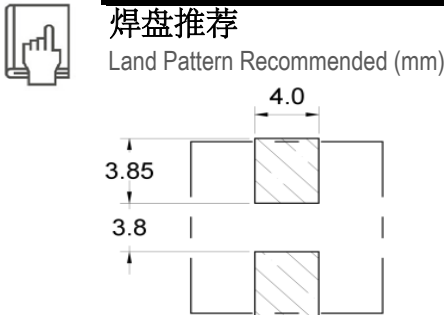
型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1006-R38M	0.38 ±20%	25.00	0.77	54.00	400
SPI08-1006-1R0M	1.00 ±20%	21.00	1.90	30.00	400
SPI08-1006-1R5M	1.50 ±20%	19.00	2.85	26.00	400
SPI08-1006-2R2M	2.20 ±20%	16.00	4.20	23.00	400
SPI08-1006-2R9M	2.90 ±20%	14.00	5.15	20.00	400
SPI08-1006-3R8M	3.80 ±20%	12.00	6.77	17.00	400
SPI08-1006-4R7M	4.70 ±20%	10.80	8.15	16.00	400

测试状态
Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



Dimension	R38~2R2	2R9~270
A	250±0.30	200±0.30



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1006-5R6M	5.60 ±20%	9.60	10.60	14.00	400
SPI08-1006-6R8M	6.80 ±20%	8.70	12.50	13.00	400
SPI08-1006-8R2M	8.20 ±20%	7.80	15.60	11.00	400
SPI08-1006-100M	10.00 ±20%	6.20	18.70	10.00	400
SPI08-1006-150M	15.00 ±20%	5.60	24.00	8.70	400
SPI08-1006-220M	22.00 ±20%	4.50	36.30	6.50	400
SPI08-1006-270M	27.00 ±20%	4.00	48.50	5.80	400

测试状态
Test Condition

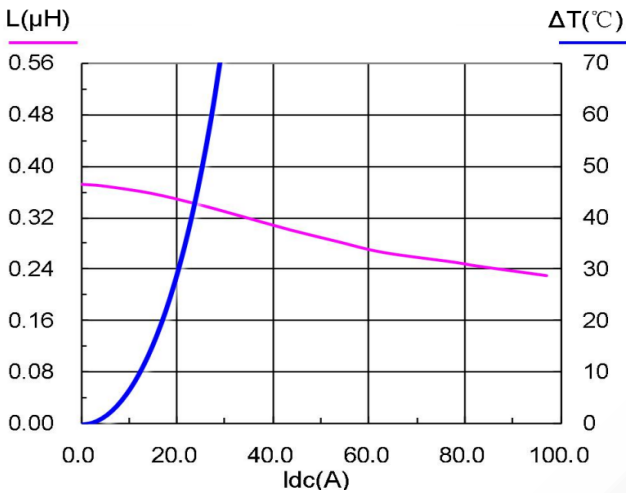
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



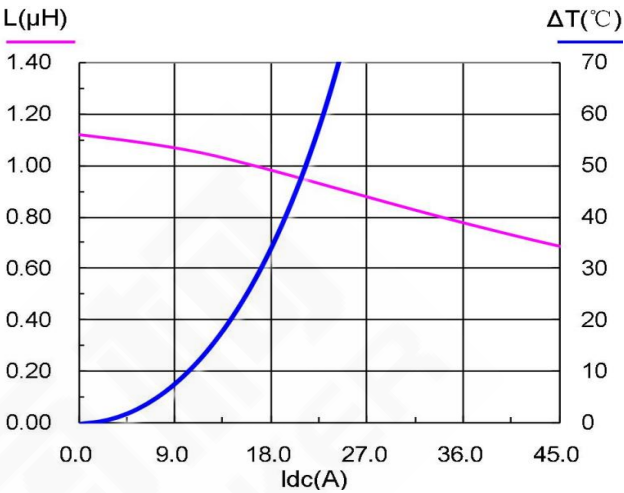
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

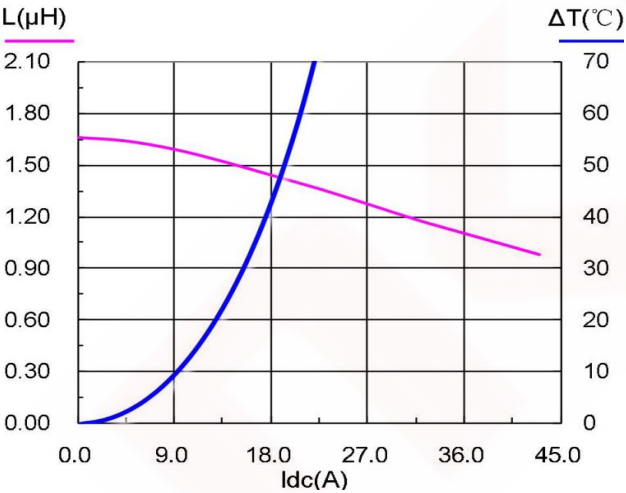
SPI08-1006-R38M



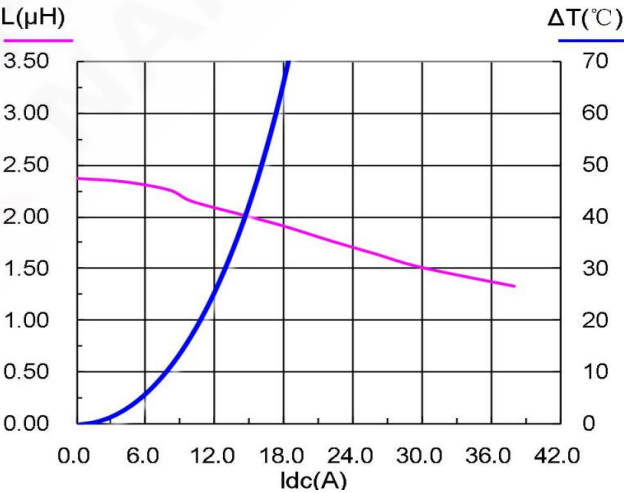
SPI08-1006-1R0M



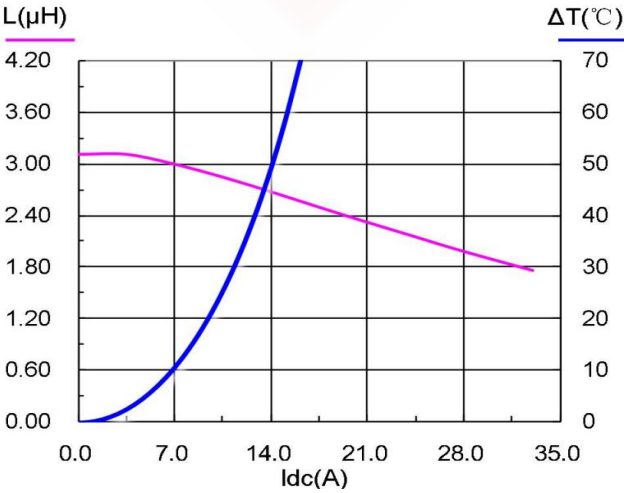
SPI08-1006-1R5M



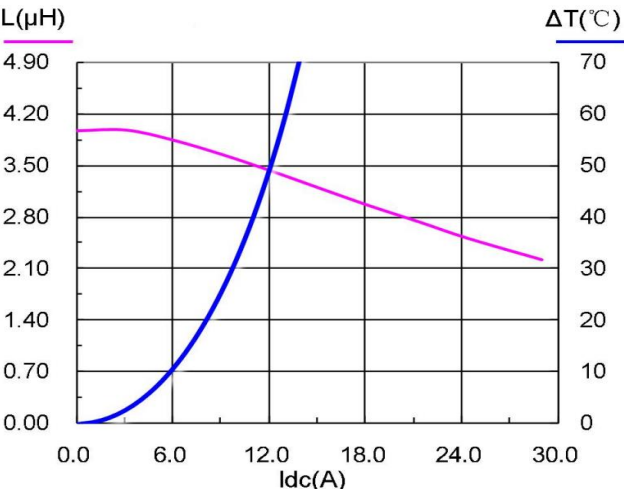
SPI08-1006-2R2M



SPI08-1006-2R9M



SPI08-1006-3R8M

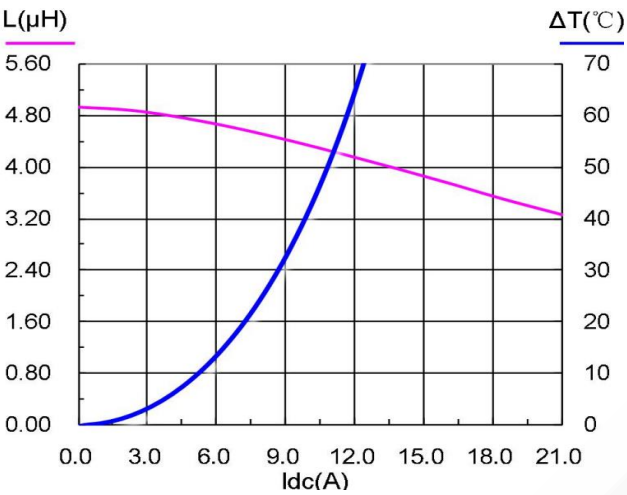




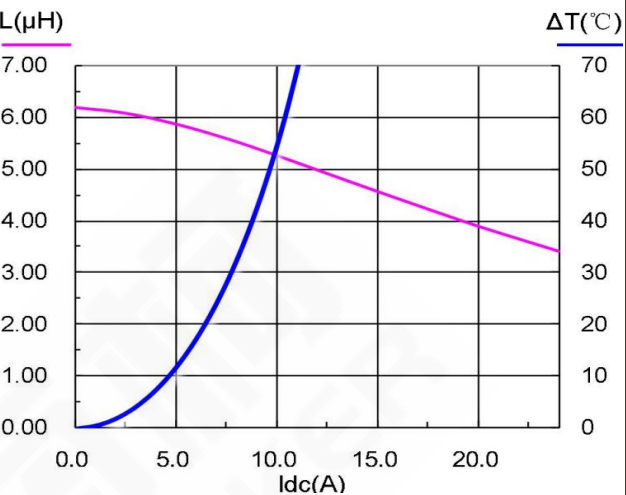
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

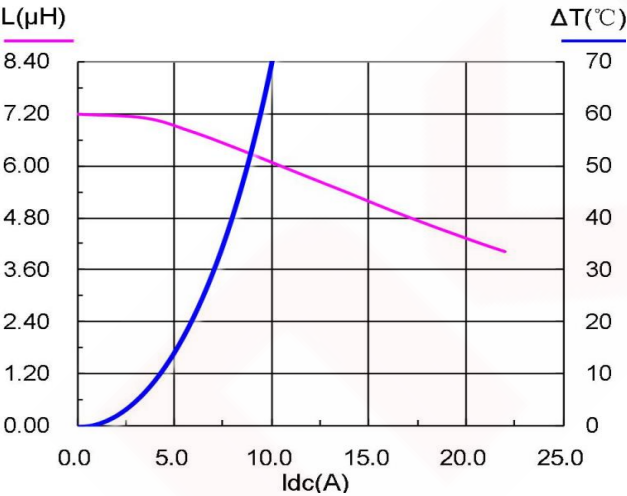
SPI08-1006-4R7M



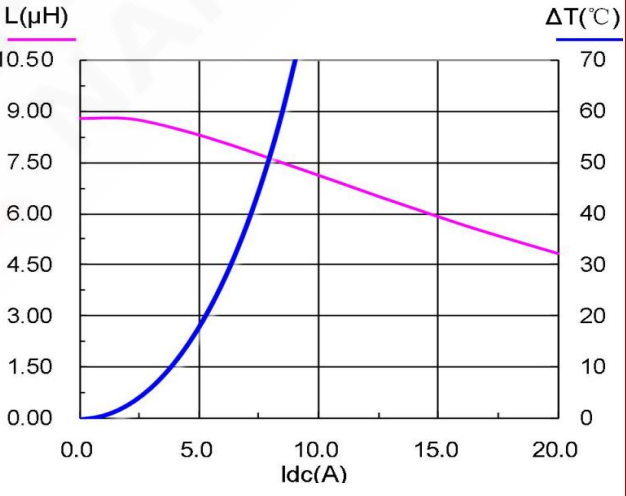
SPI08-1006-5R6M



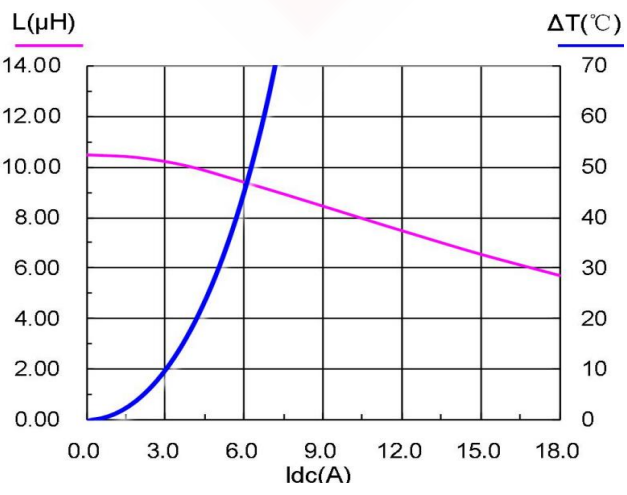
SPI08-1006-6R8M



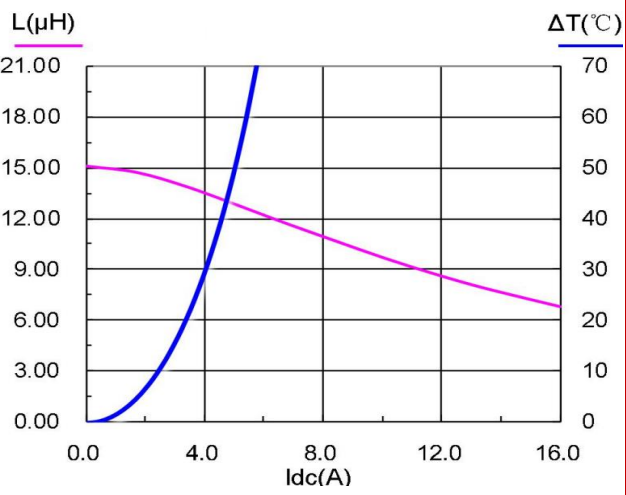
SPI08-1006-8R2M



SPI08-1006-100M



SPI08-1006-150M

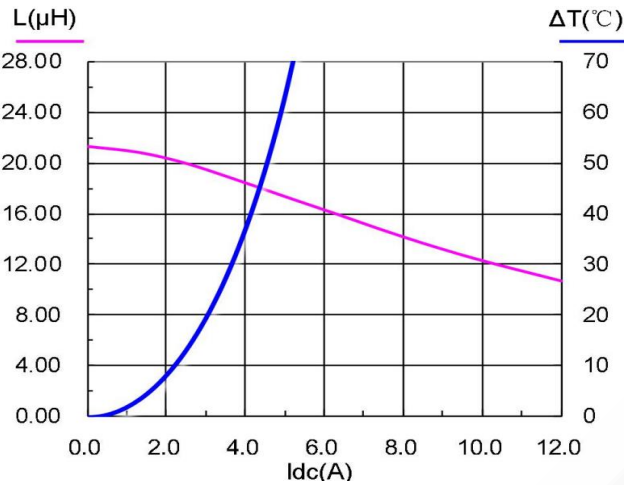




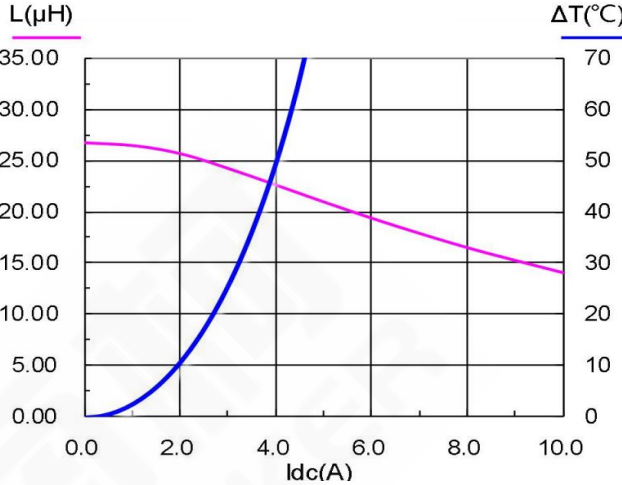
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI08-1006-220M

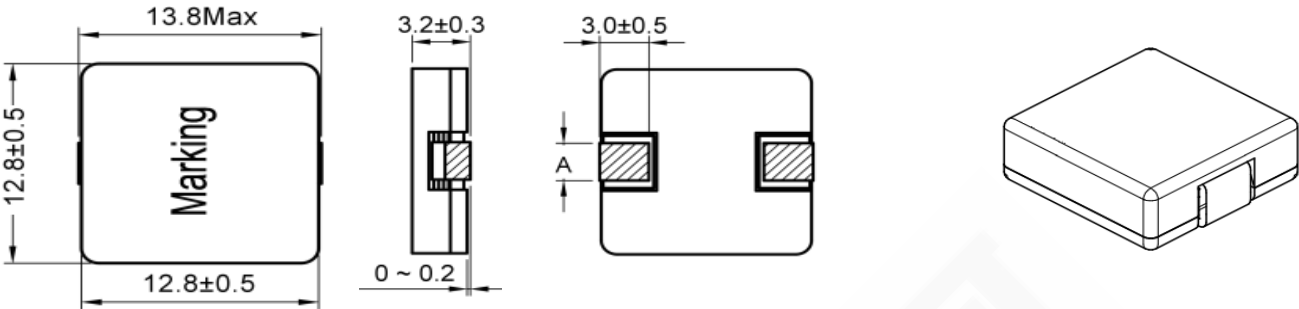


SPI08-1006-270M





尺寸
Dimension (mm)



Dimension	R25 ~ 3R3	4R7 ~ 5R6
A	2.50 ± 0.30	2.00 ± 0.30



焊盘推荐
Land Pattern Recommended (mm)

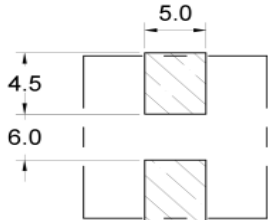
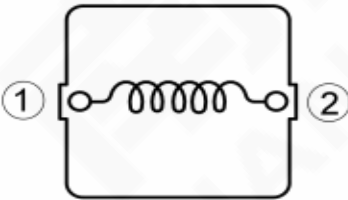


示意图
Schematics



电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1303-R25M	0.25 ±20%	24.00	0.90	50.00	400
SPI08-1303-R68M	0.68 ±20%	22.00	1.82	40.00	400
SPI08-1303-1R2M	1.20 ±20%	17.00	3.35	28.00	400
SPI08-1303-2R2M	2.20 ±20%	14.00	6.55	18.00	400
SPI08-1303-3R3M	3.30 ±20%	12.00	9.45	14.00	400
SPI08-1303-4R7M	4.70 ±20%	9.00	13.50	12.50	400
SPI08-1303-5R6M	5.60 ±20%	6.80	21.90	11.00	400

测试状态

Test Condition

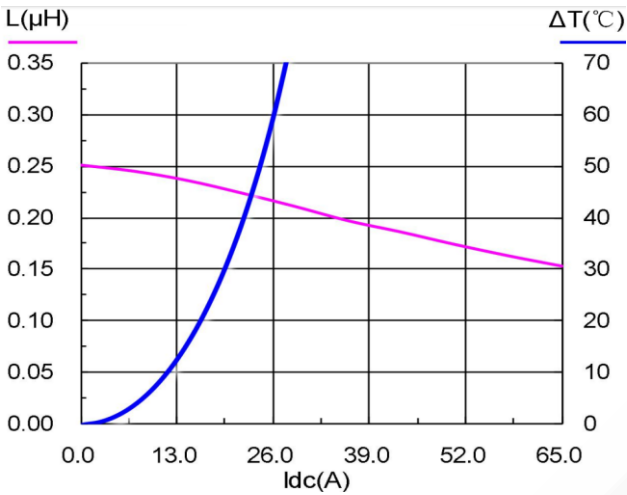
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



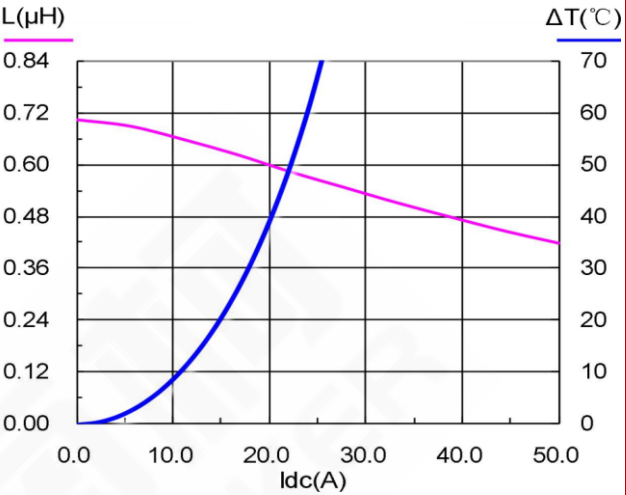
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

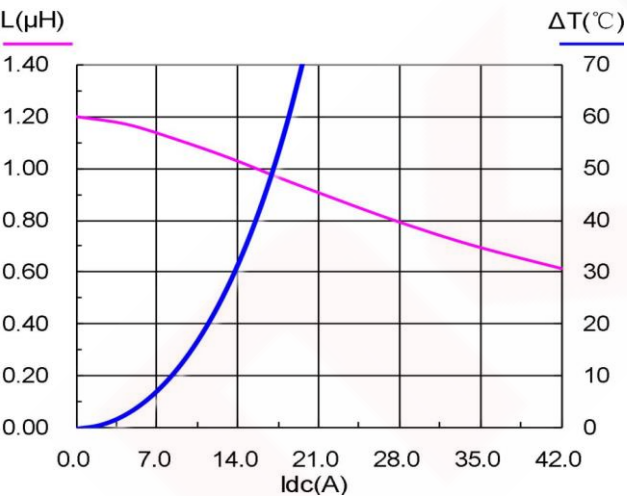
SPI08-1303-R25M



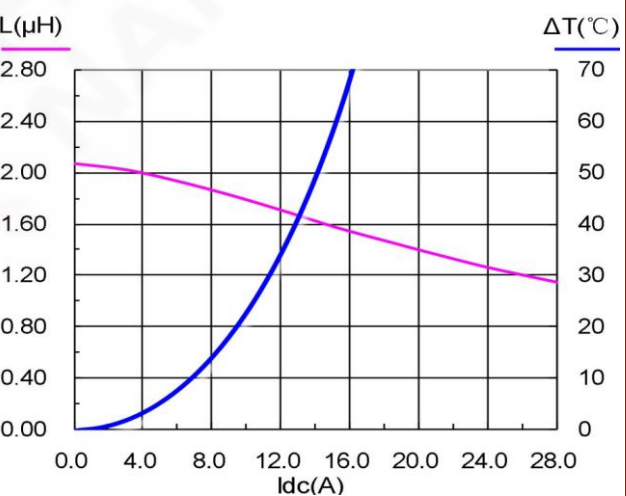
SPI08-1303-R68M



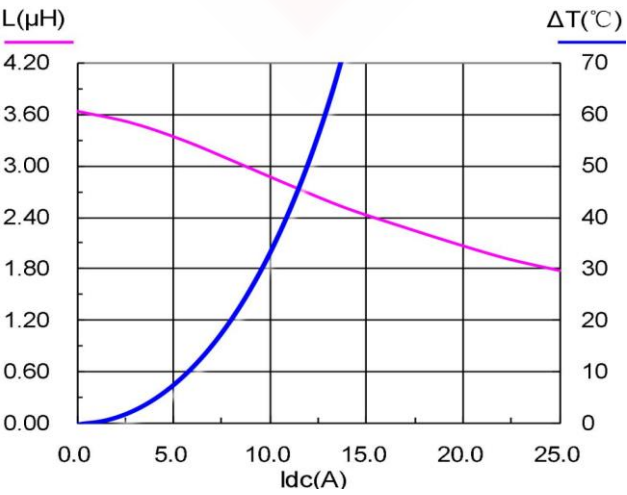
SPI08-1303-1R2M



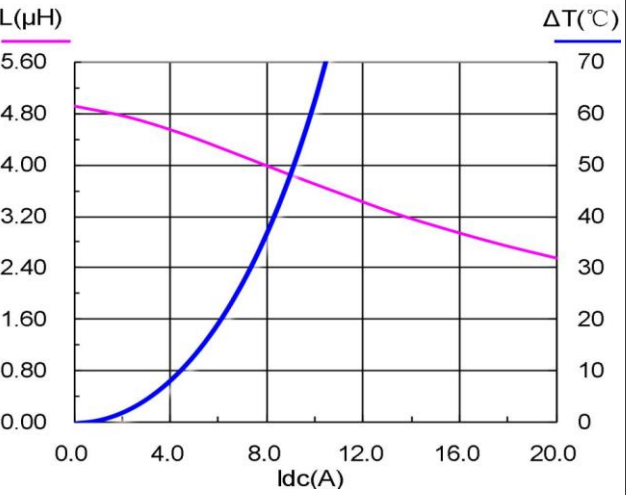
SPI08-1303-2R2M



SPI08-1303-3R3M



SPI08-1303-4R7M

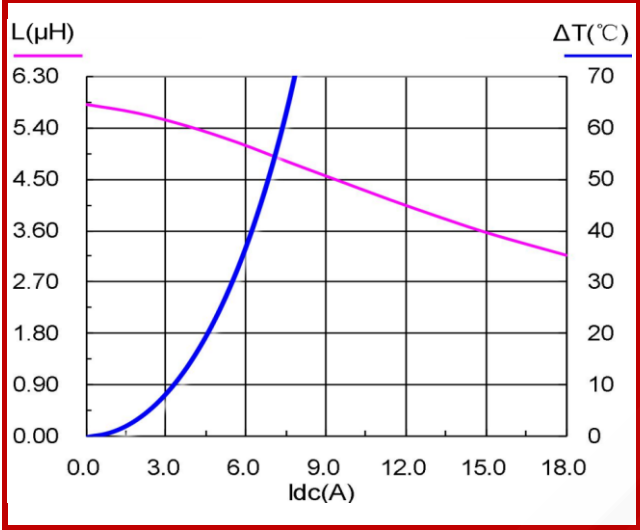




饱和电流VS温升电流曲线

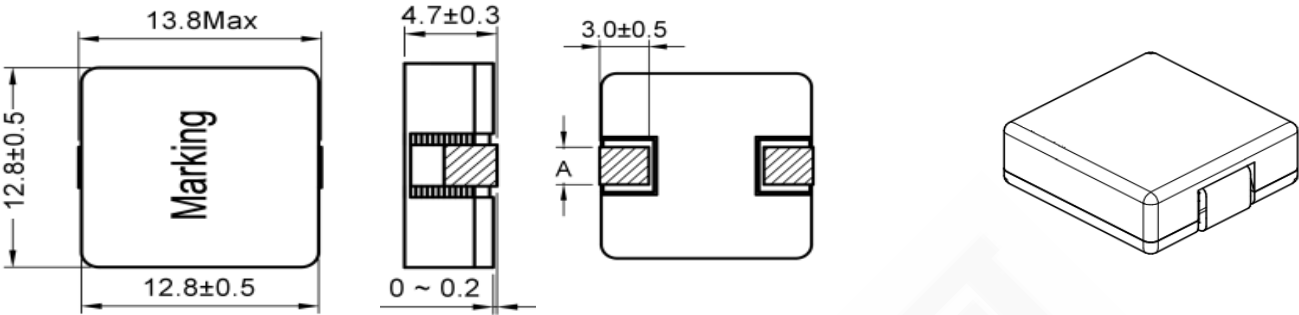
Saturation current vs temperature rise current curve

SPI08-1303-5R6M





尺寸
Dimension (mm)



Dimension	R19 ~ 150	180 ~ 220
A	2.50 ± 0.30	2.00 ± 0.30



焊盘推荐
Land Pattern Recommended (mm)

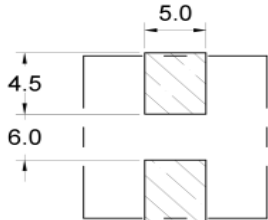
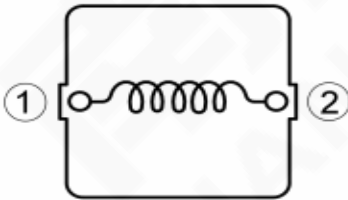


示意图
Schematics



电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DCResistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1305-R19M	0.19 ±20%	32.00	0.55	70.00	400
SPI08-1305-R45M	0.45 ±20%	26.00	1.05	55.00	400
SPI08-1305-R82M	0.82 ±20%	24.00	1.85	42.00	400
SPI08-1305-1R0M	1.00 ±20%	25.00	1.65	35.00	400
SPI08-1305-1R6M	1.60 ±20%	22.00	2.65	27.00	400
SPI08-1305-2R2M	2.20 ±20%	18.00	3.88	23.00	400
SPI08-1305-3R3M	3.30 ±20%	16.50	5.35	19.00	400
SPI08-1305-4R5M	4.50 ±20%	14.00	7.50	17.00	400

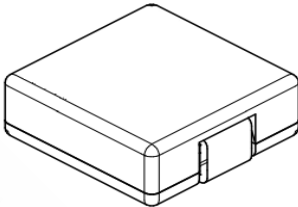
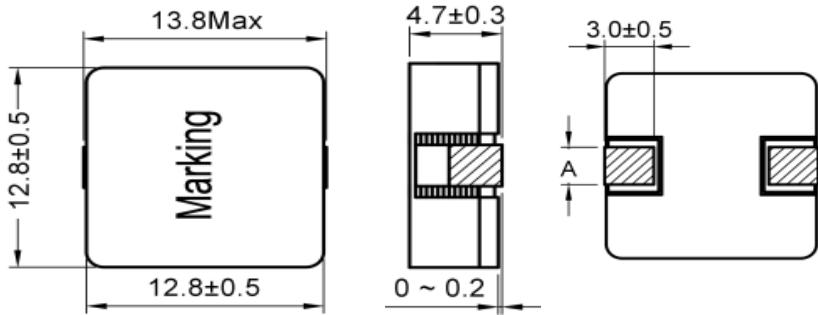
测试状态

Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



尺寸
Dimension (mm)



Dimension	R19 ~ 150	180 ~ 220
A	2.50 ± 0.30	2.00 ± 0.30



焊盘推荐
Land Pattern Recommended (mm)

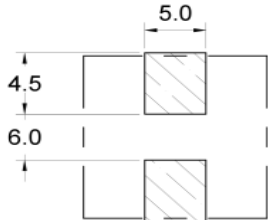
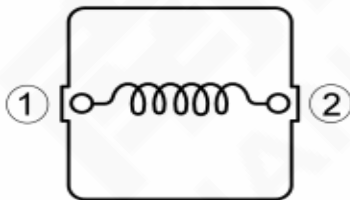


示意图
Schematics



电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1305-5R6M	5.60 ±20%	12.00	9.20	15.00	400
SPI08-1305-6R8M	6.80 ±20%	10.30	11.80	13.00	400
SPI08-1305-8R2M	8.20 ±20%	10.30	11.80	11.00	400
SPI08-1305-100M	10.00 ±20%	8.80	15.50	10.00	400
SPI08-1305-130M	13.00 ±20%	7.50	19.50	8.80	400
SPI08-1305-150M	15.00 ±20%	6.50	24.60	8.00	400
SPI08-1305-180M	18.00 ±20%	5.50	31.50	7.50	400
SPI08-1305-220M	22.00 ±20%	4.70	39.60	6.50	400

测试状态

Test Condition

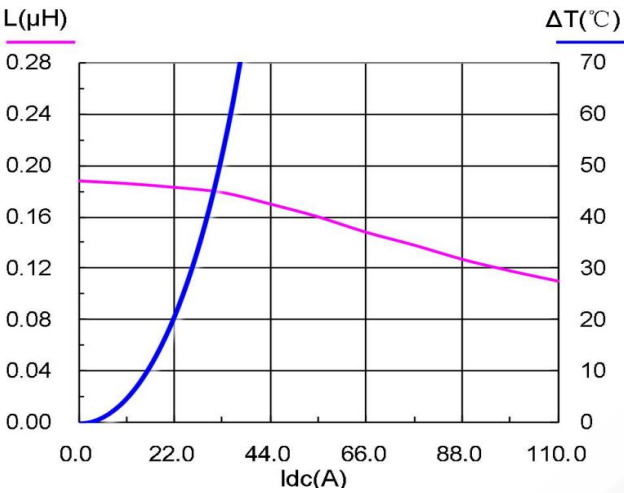
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



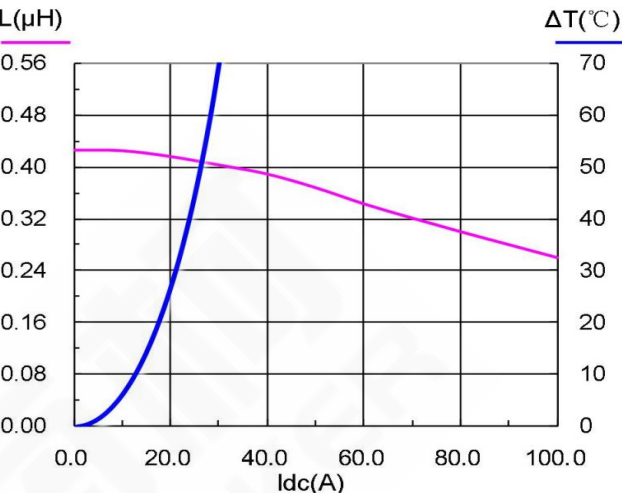
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

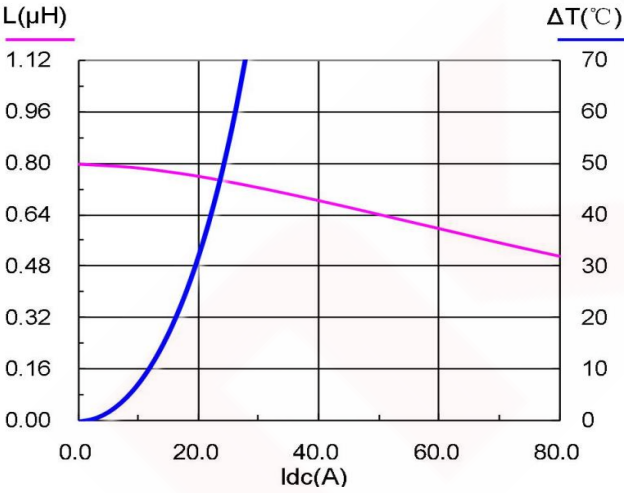
SPI08-1305-R19M



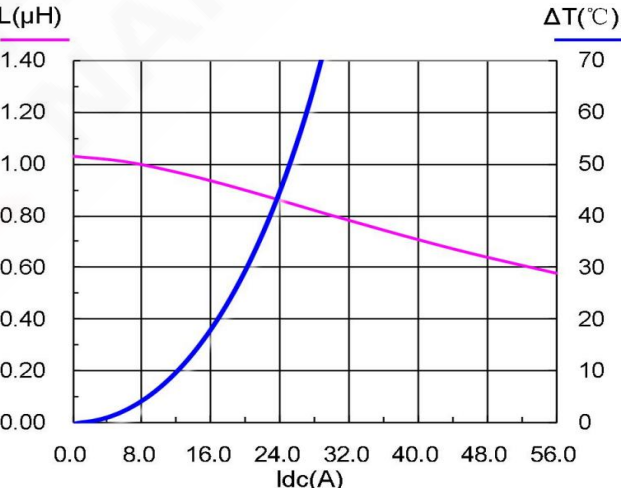
SPI08-1305-R45M



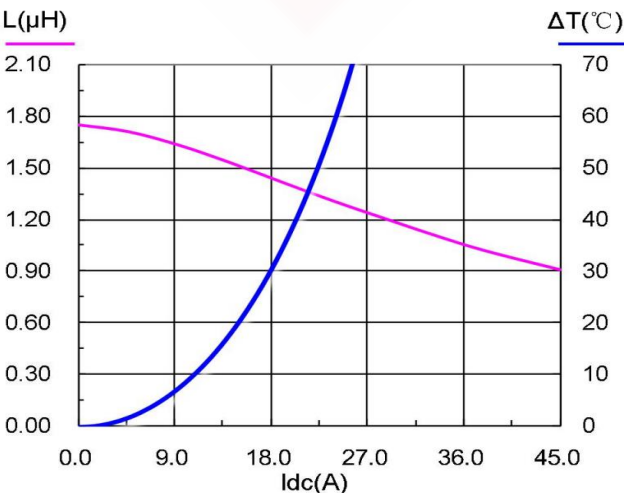
SPI08-1305-R82M



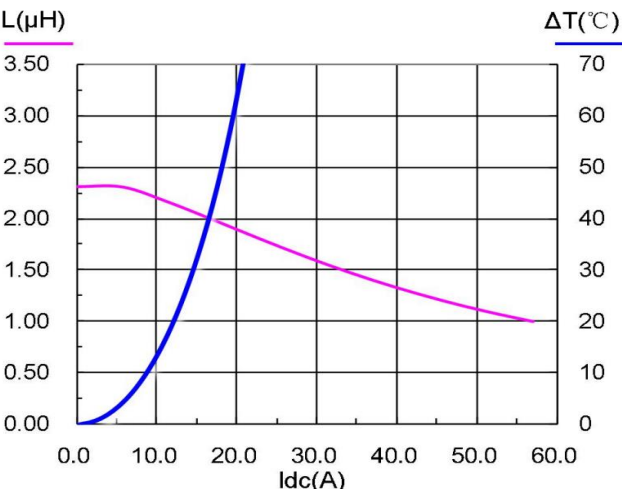
SPI08-1305-1R0M



SPI08-1305-1R6M



SPI08-1305-2R2M

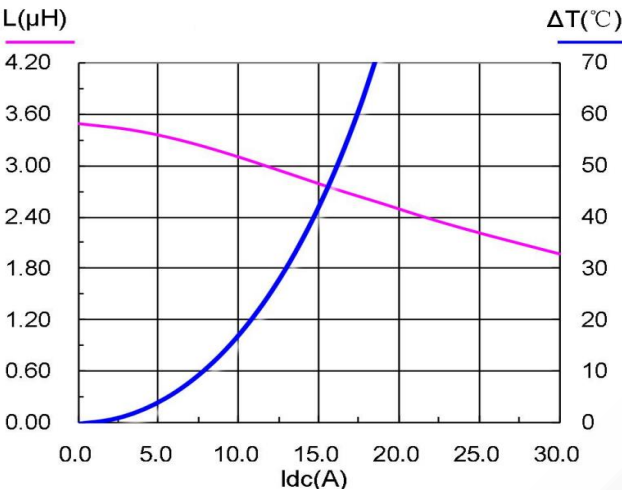




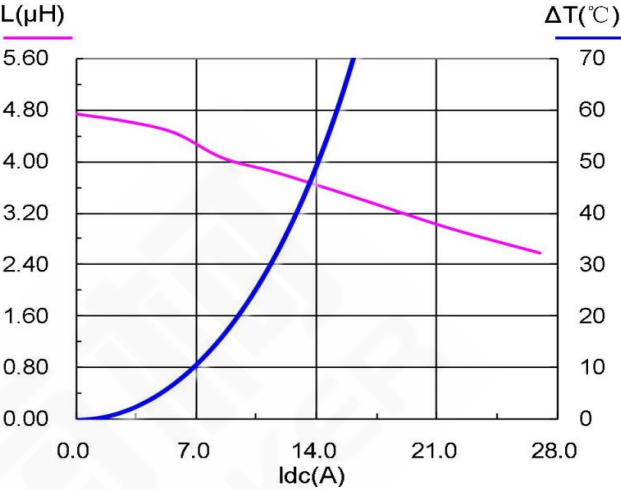
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

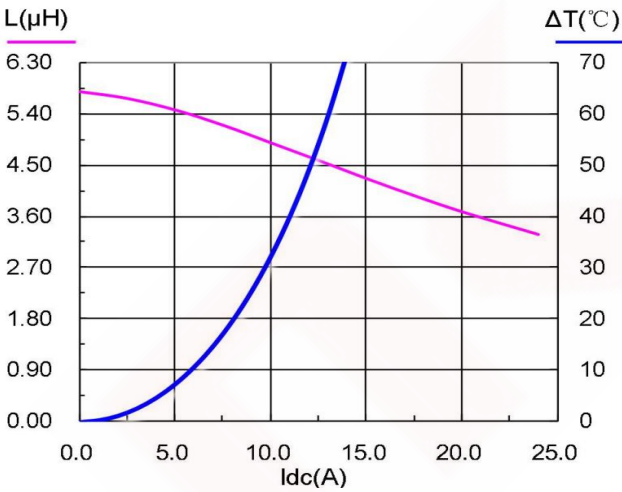
SPI08-1305-3R3M



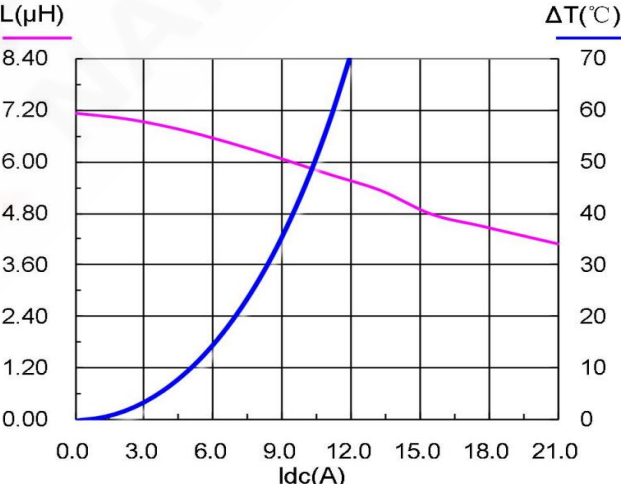
SPI08-1305-4R5M



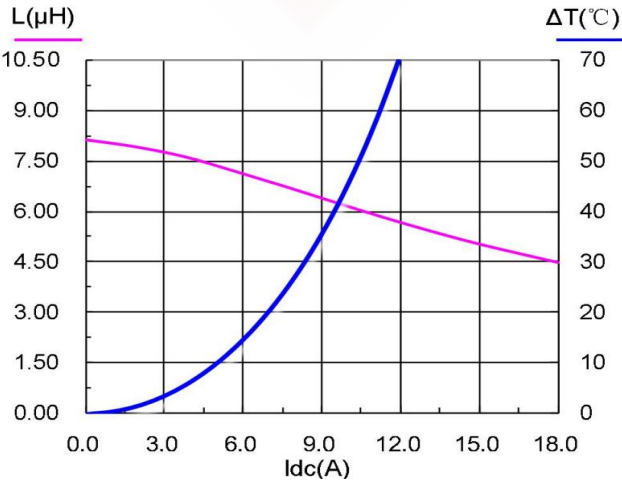
SPI08-1305-5R6M



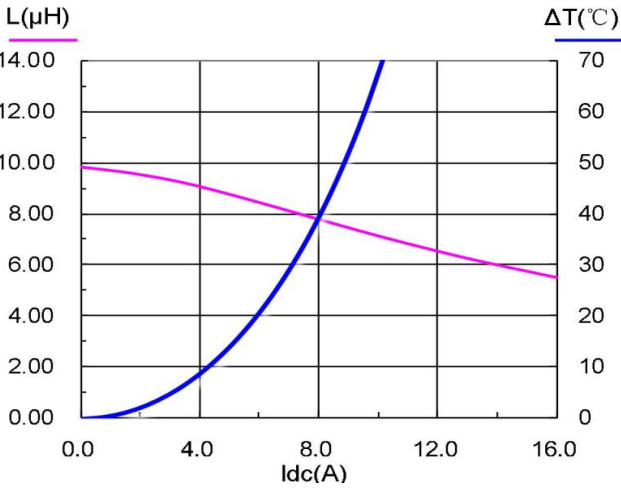
SPI08-1305-6R8M



SPI08-1305-8R2M



SPI08-1305-100M

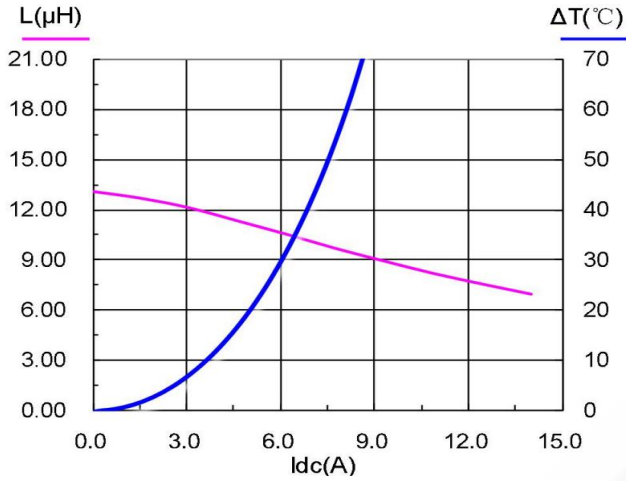




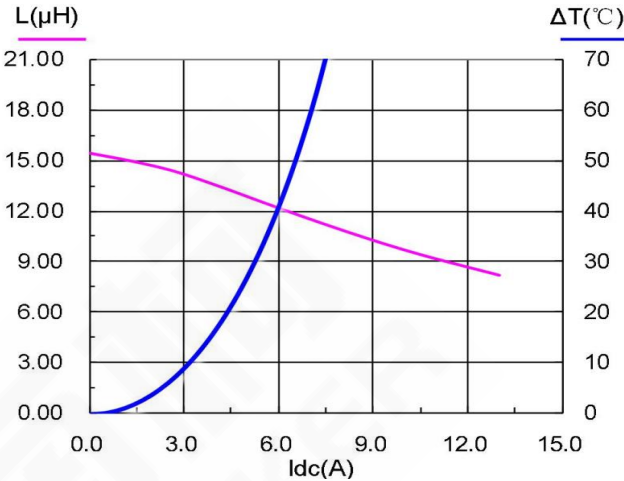
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

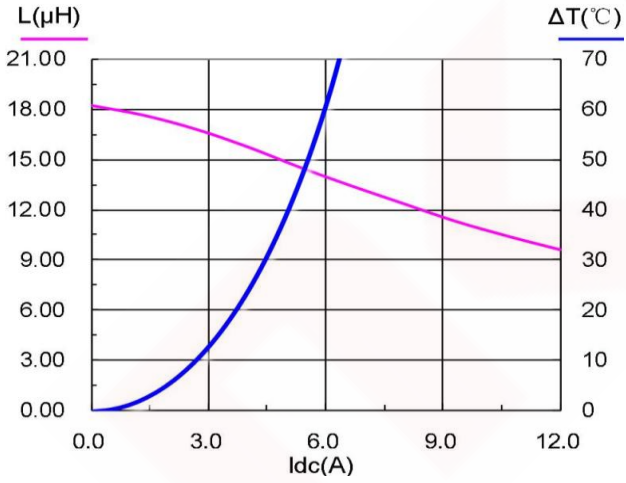
SPI08-1305-130M



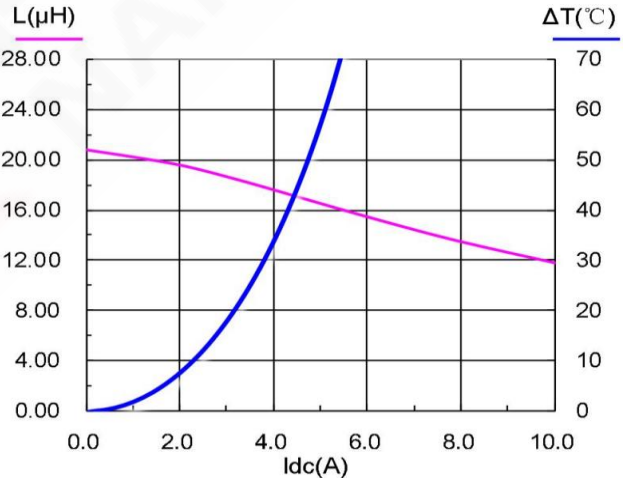
SPI08-1305-150M



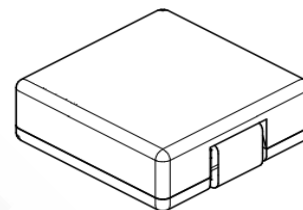
SPI08-1305-180M



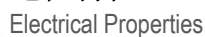
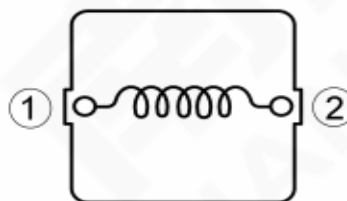
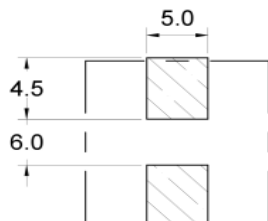
SPI08-1305-220M



Shielded Power Inductor (High Current Flat Wire)



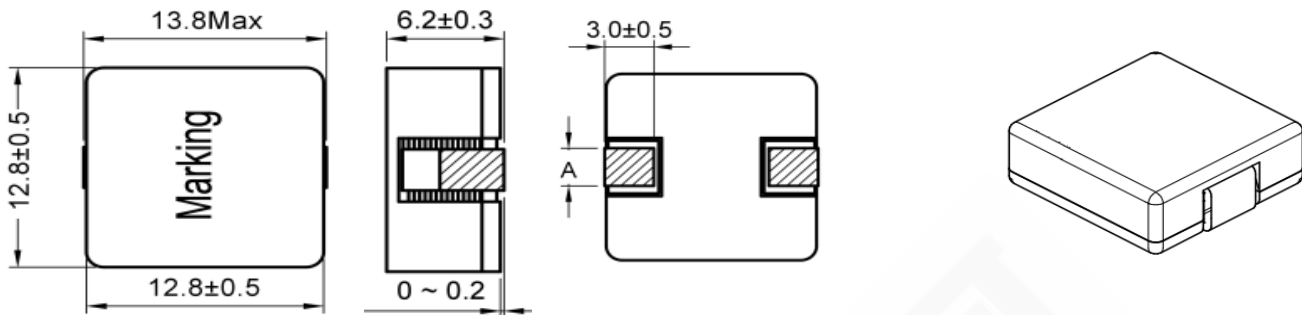
Land Pattern Recommended (mm)



Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value

 尺寸
Dimension (mm)



Dimension	R20 ~ 330	330 ~ 470
A	2.50 ± 0.30	2.00 ± 0.30

 焊盘推荐
Land Pattern Recommended (mm)

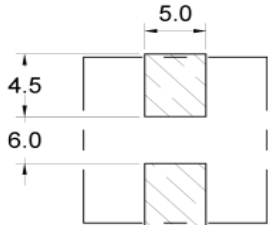
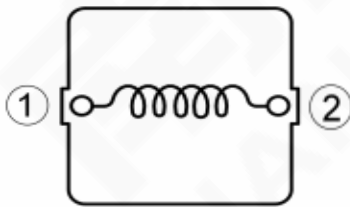


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1306-9R2M	9.20 ±20%	12.00	8.35	12.00	400
SPI08-1306-110M	11.00 ±20%	11.00	10.20	11.00	400
SPI08-1306-130M	13.00 ±20%	10.00	11.70	10.00	400
SPI08-1306-150M	15.00 ±20%	9.00	14.10	9.50	400
SPI08-1306-180M	18.00 ±20%	8.50	17.50	8.50	400
SPI08-1306-220M	22.00 ±20%	8.00	21.50	8.00	400
SPI08-1306-270M	27.00 ±20%	6.50	27.50	6.50	400
SPI08-1306-330M	33.00 ±20%	5.50	30.30	6.00	400
SPI08-1306-390M	39.00 ±20%	4.50	46.50	5.70	400
SPI08-1306-470M	47.00 ±20%	4.00	62.70	5.00	400

测试状态

Test Condition

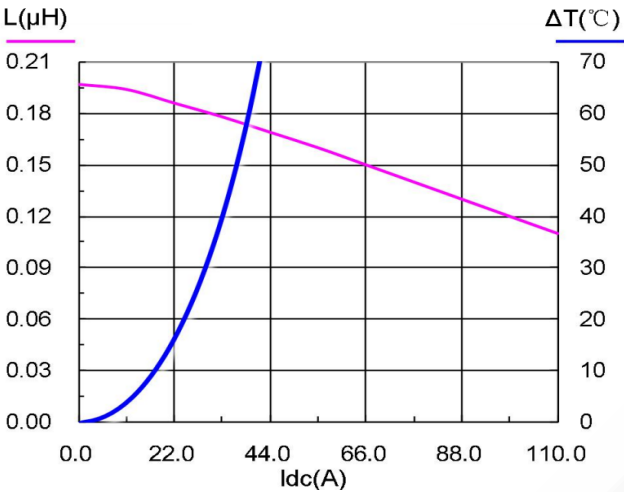
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



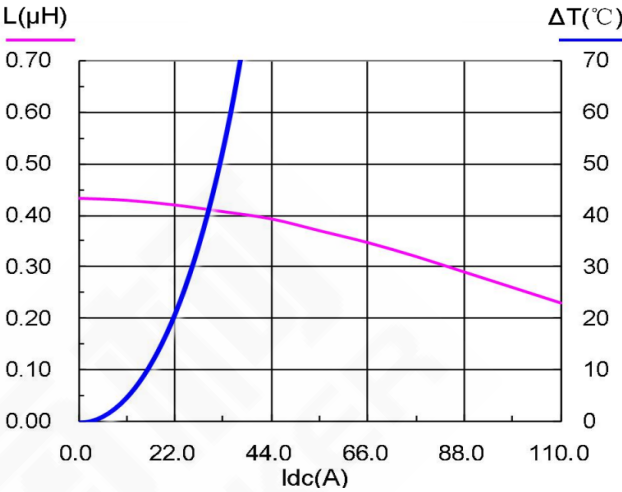
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

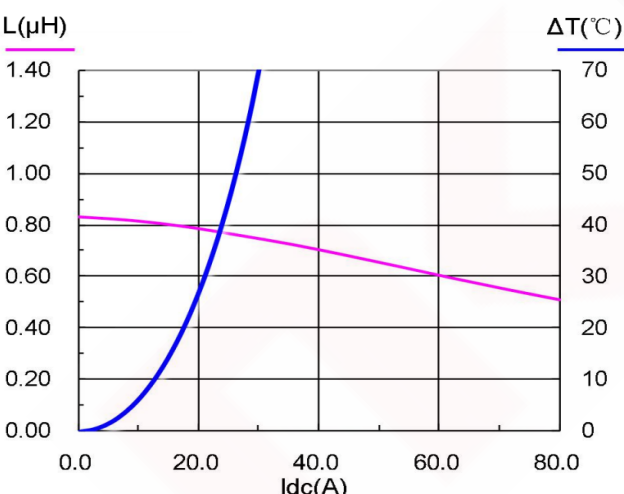
SPI08-1306-R20M



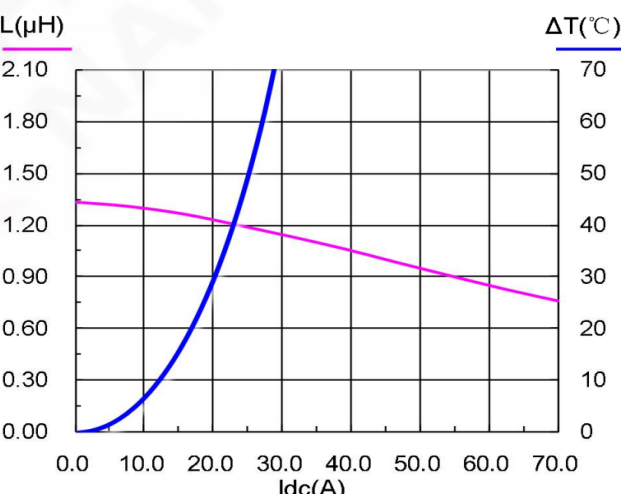
SPI08-1306-R47M



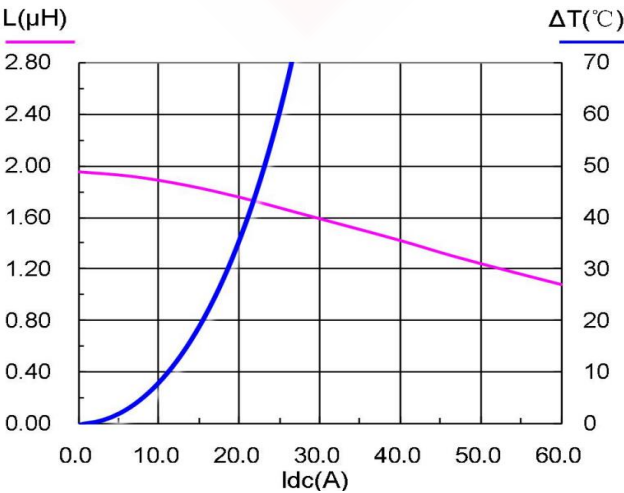
SPI08-1306-R85M



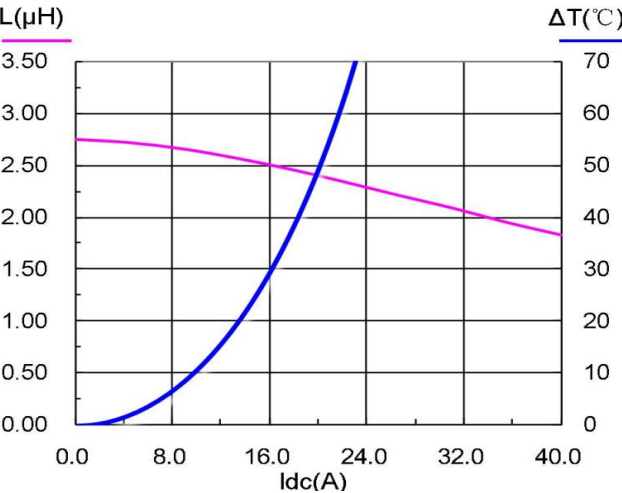
SPI08-1306-1R3M



SPI08-1306-2R0M



SPI08-1306-2R7M

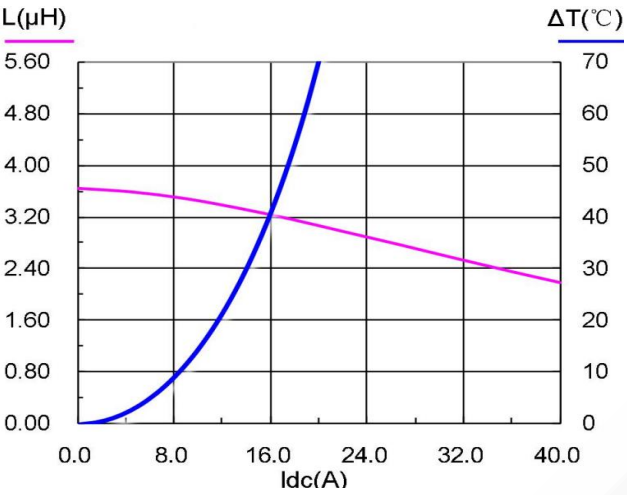




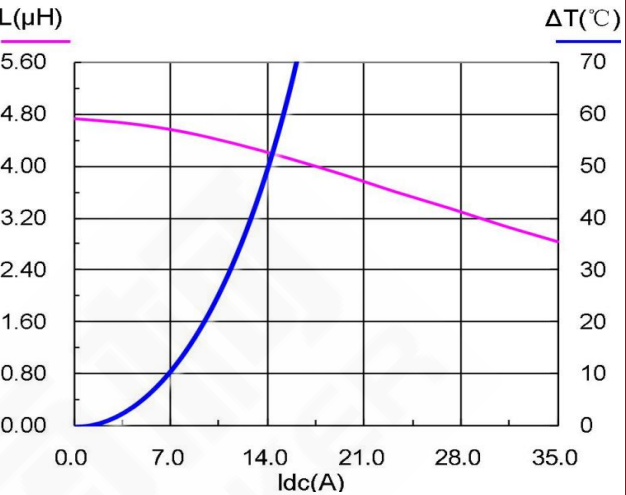
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

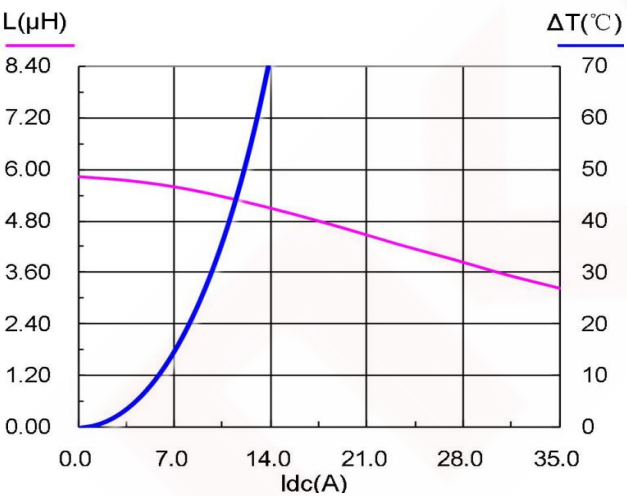
SPI08-1306-3R6M



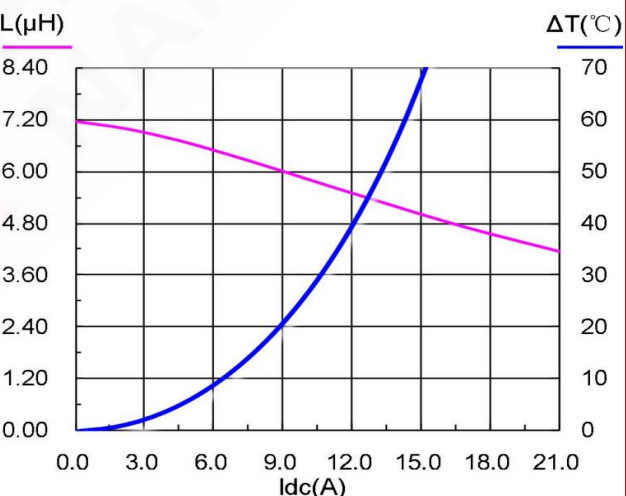
SPI08-1306-4R7M



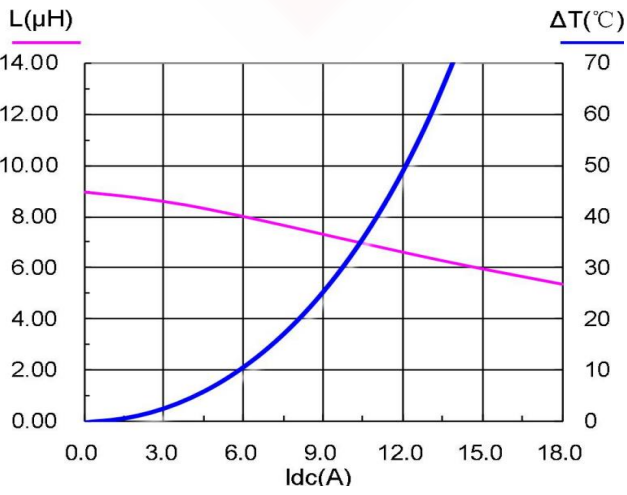
SPI08-1306-5R8M



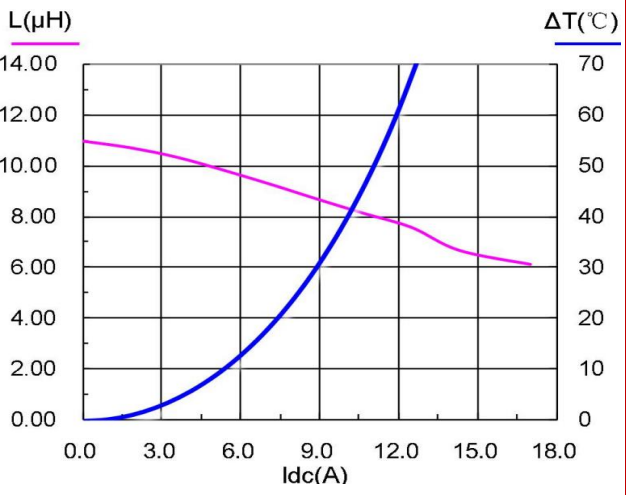
SPI08-1306-7R3M



SPI08-1306-9R2M



SPI08-1306-110M

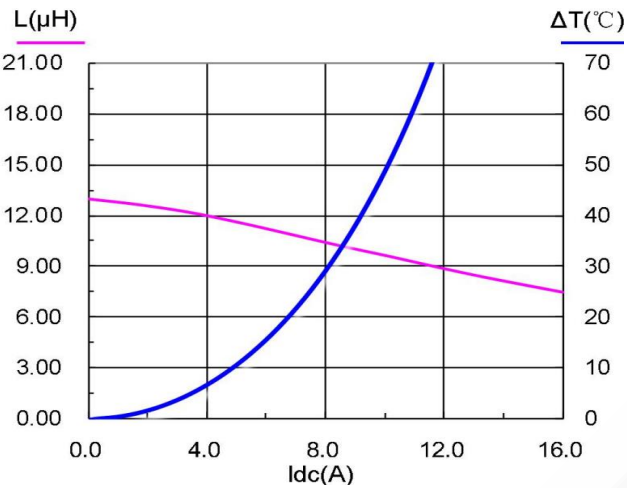




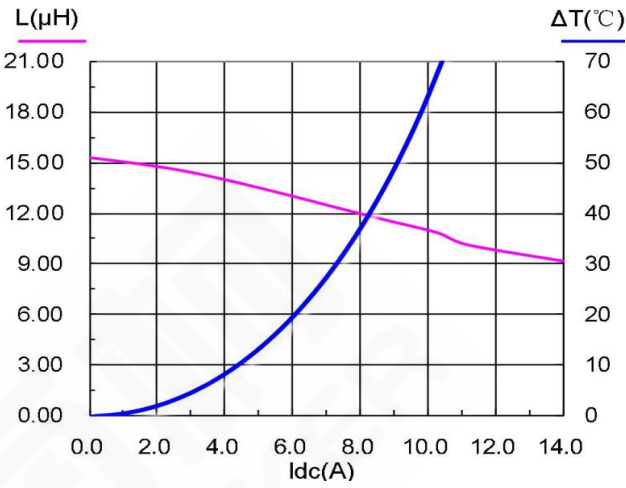
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

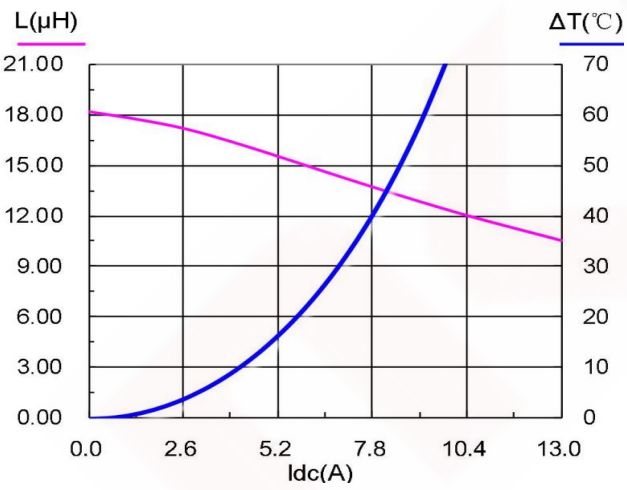
SPI08-1306-130M



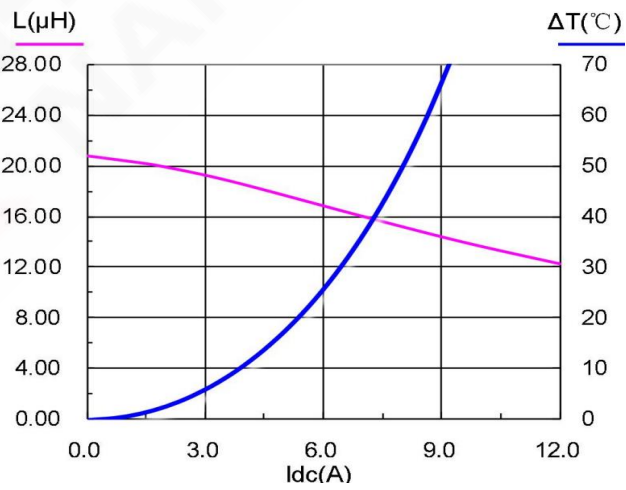
SPI08-1306-150M



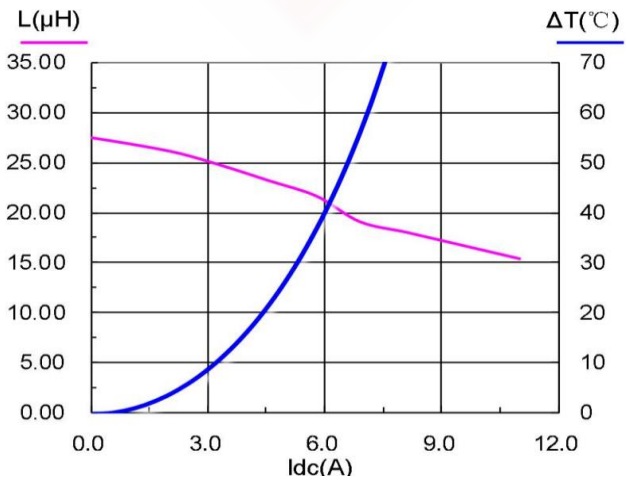
SPI08-1306-180M



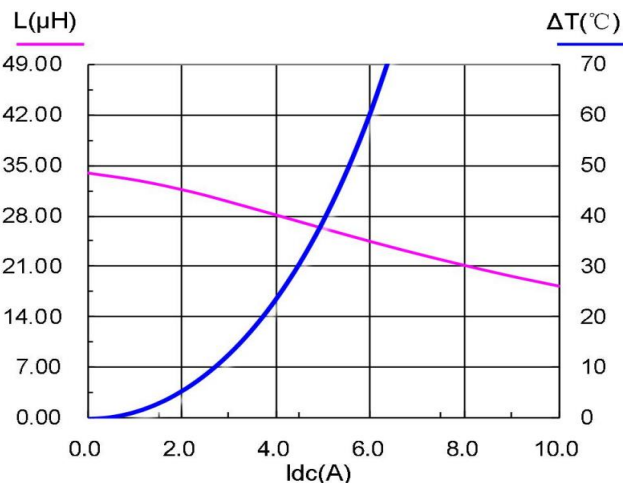
SPI08-1306-220M



SPI08-1306-270M



SPI08-1306-330M

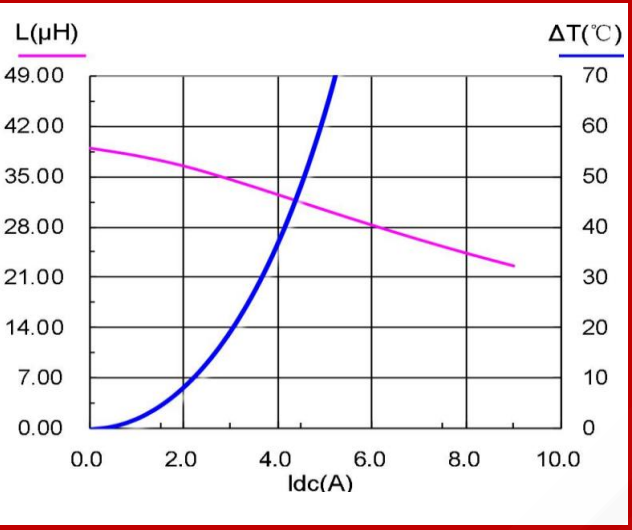




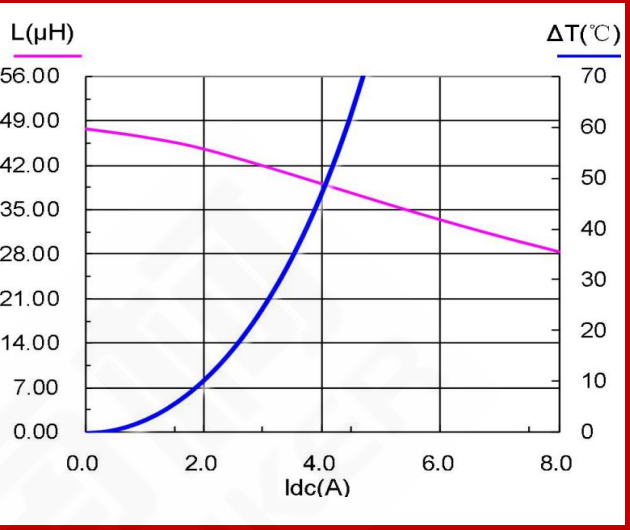
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

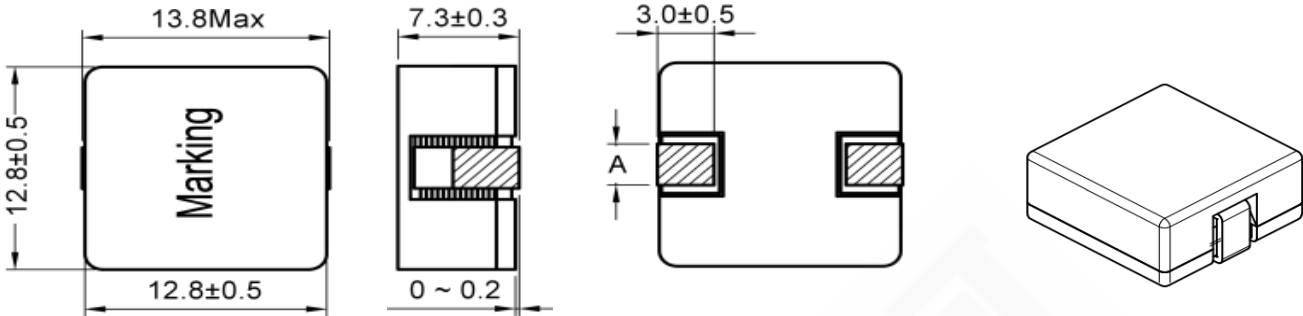
SPI08-1306-390M



SPI08-1306-470M



 尺寸
Dimension (mm)



Dimension	R60 ~ 390	470 ~ 560
A	2.50 ± 0.30	2.00 ± 0.30

 焊盘推荐
Land Pattern Recommended (mm)

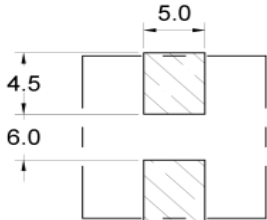
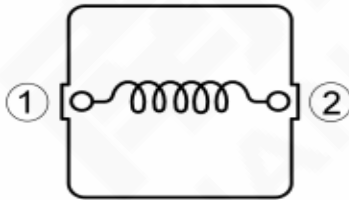


 示意图
Schematics



 电性特性
Electrical Properties

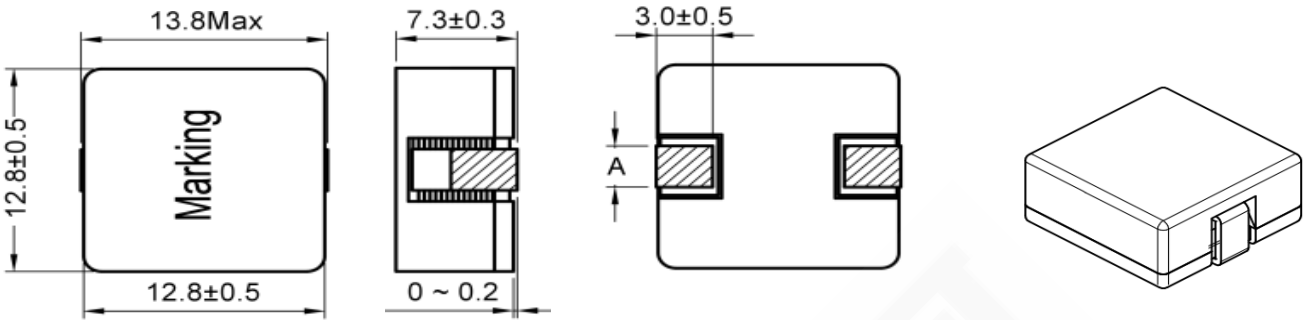
型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1307-R60M	0.60 ±20%	36.00	0.55	60.00	300
SPI08-1307-1R0M	1.00 ±20%	32.00	1.00	50.00	300
SPI08-1307-1R5M	1.50 ±20%	28.00	1.61	42.00	300
SPI08-1307-2R2M	2.20 ±20%	24.00	2.45	36.00	300
SPI08-1307-3R3M	3.30 ±20%	22.00	3.10	30.00	300
SPI08-1307-4R7M	4.70 ±20%	19.00	4.25	25.00	300
SPI08-1307-5R6M	5.60 ±20%	17.00	5.29	22.00	300
SPI08-1307-6R8M	6.80 ±20%	14.00	6.95	20.00	300
SPI08-1307-8R2M	8.20 ±20%	12.00	8.10	18.00	300
SPI08-1307-100M	10.00 ±20%	11.00	10.10	16.00	300

测试状态
Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



尺寸
Dimension (mm)



Dimension	R60 ~ 390	470 ~ 560
A	2.50 ± 0.30	2.00 ± 0.30



焊盘推荐
Land Pattern Recommended (mm)

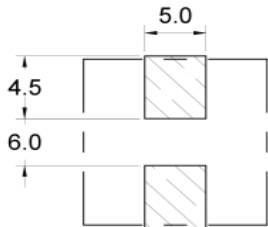
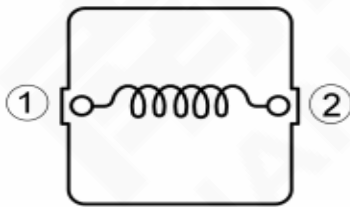


示意图
Schematics



电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1307-120M	12.00 ±20%	10.00	11.70	13.00	300
SPI08-1307-150M	15.00 ±20%	9.30	13.80	11.00	300
SPI08-1307-180M	18.00 ±20%	8.50	16.70	10.00	300
SPI08-1307-220M	22.00 ±20%	8.00	17.80	9.50	300
SPI08-1307-270M	27.00 ±20%	7.00	26.50	8.50	300
SPI08-1307-330M	33.00 ±20%	6.00	32.50	8.00	300
SPI08-1307-390M	39.00 ±20%	5.50	36.00	6.80	300
SPI08-1307-470M	47.00 ±20%	5.00	46.00	6.00	300
SPI08-1307-560M	56.00 ±20%	4.00	69.00	5.70	300

测试状态
Test Condition

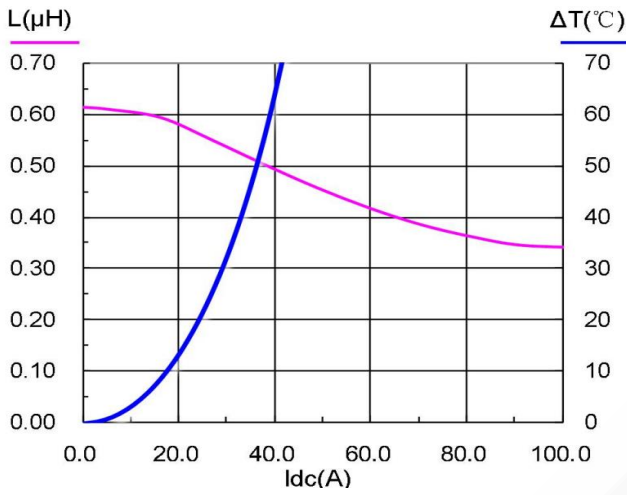
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



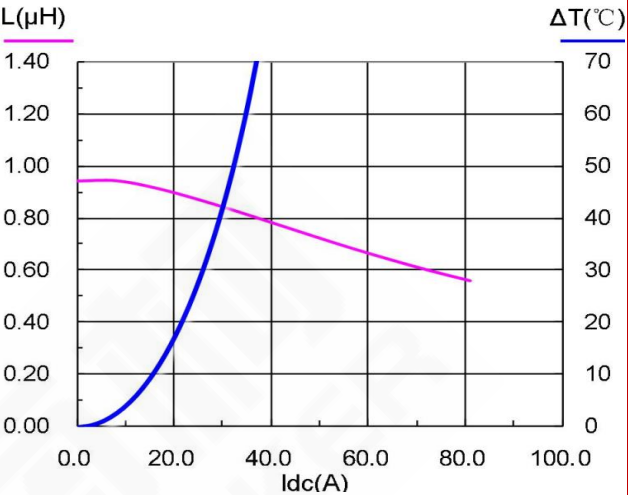
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

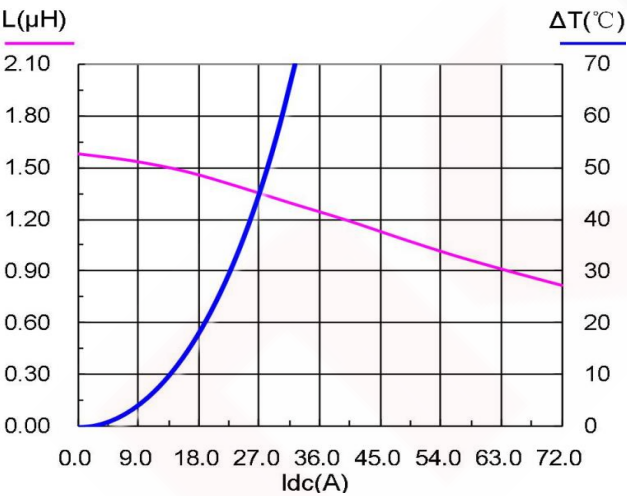
SPI08-1307-R60M



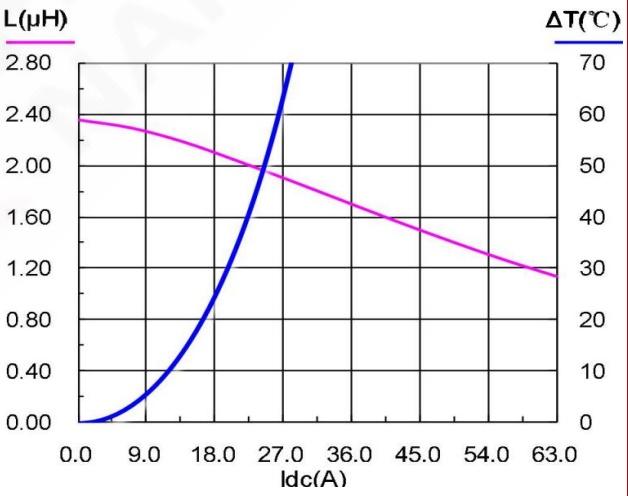
SPI08-1307-1R0M



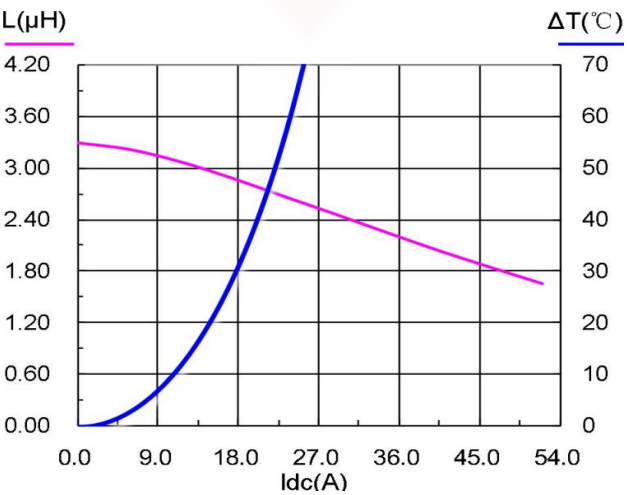
SPI08-1307-1R5M



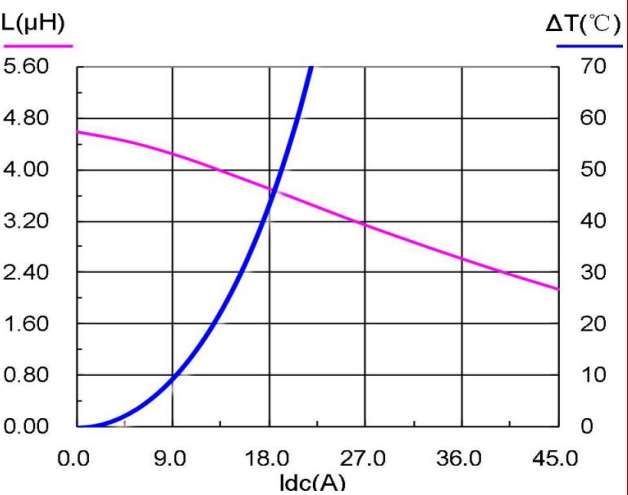
SPI08-1307-2R2M



SPI08-1307-3R3M



SPI08-1307-4R7M

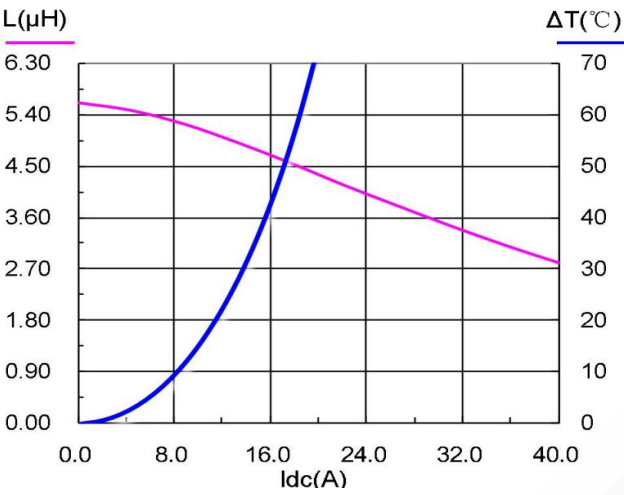




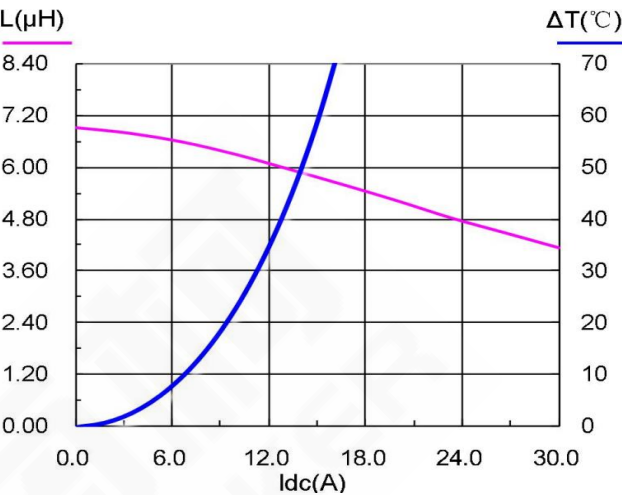
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

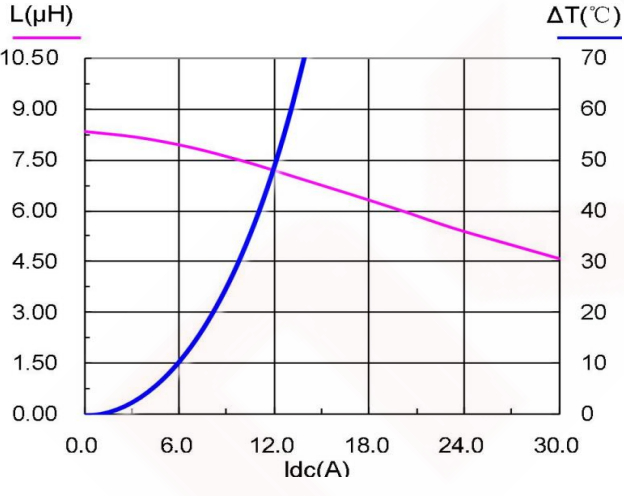
SPI08-1307-5R6M



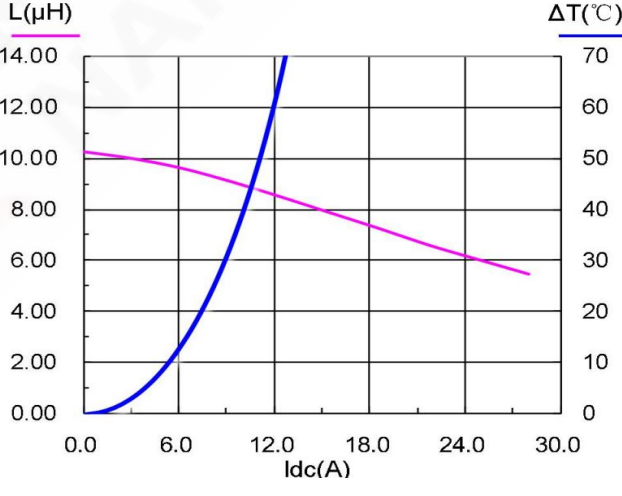
SPI08-1307-6R8M



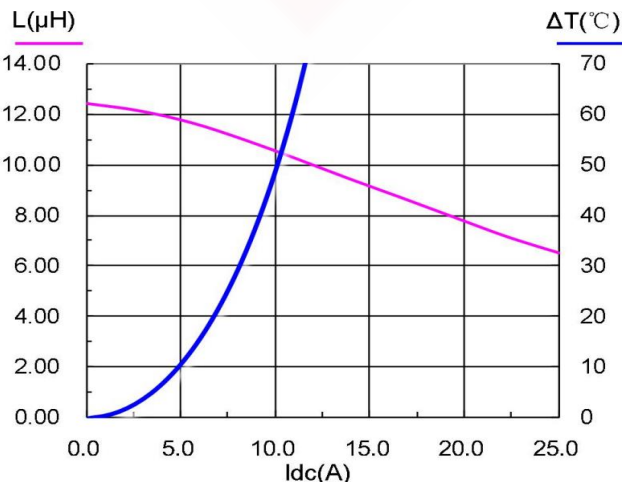
SPI08-1307-8R2M



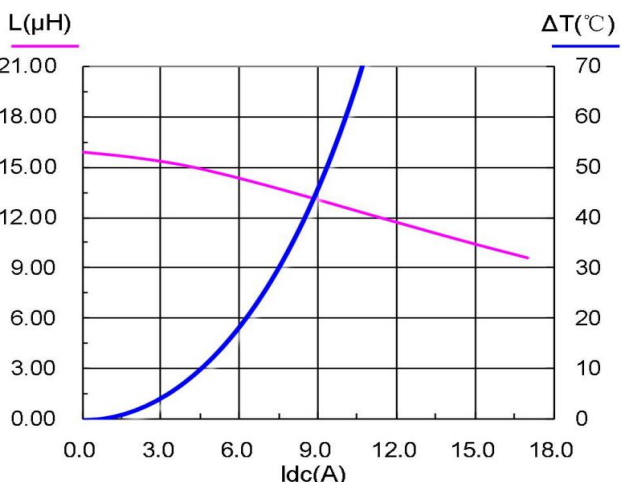
SPI08-1307-100M



SPI08-1307-120M



SPI08-1307-150M

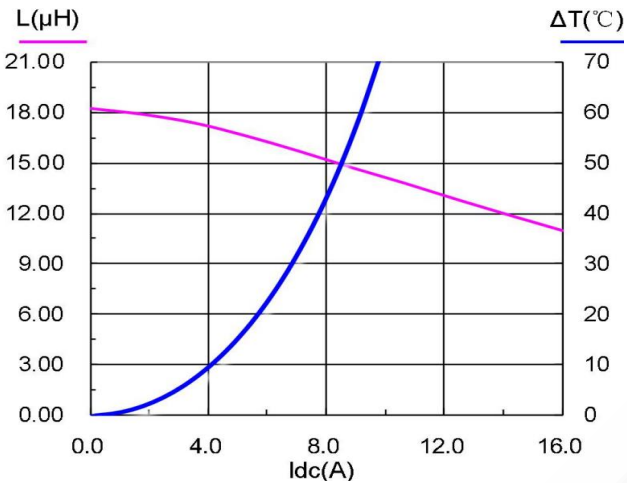




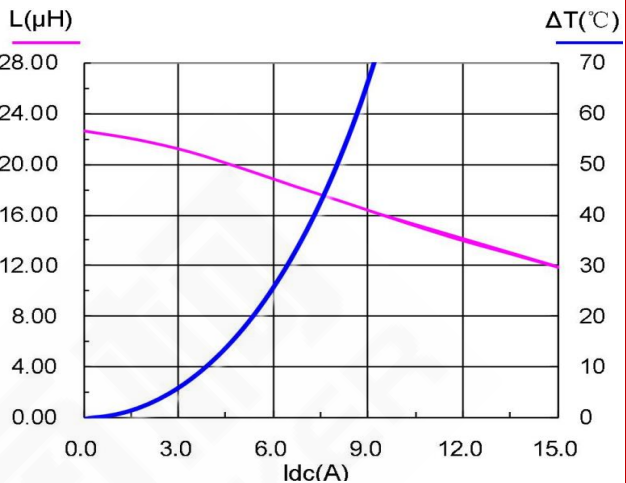
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

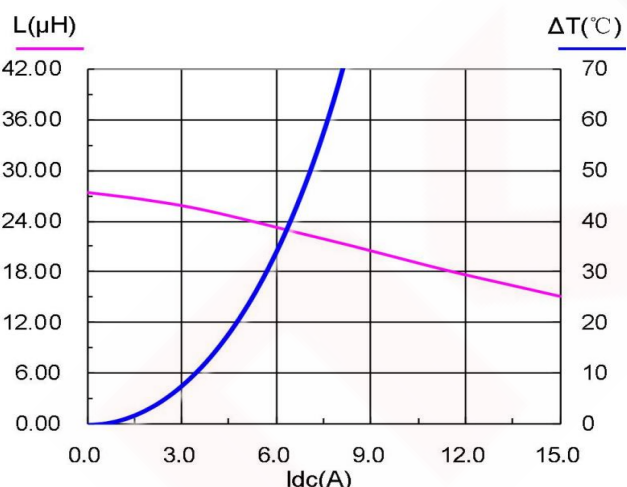
SPI08-1307-180M



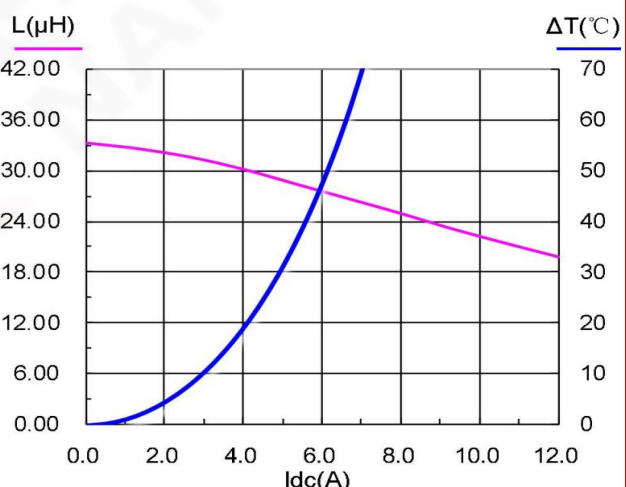
SPI08-1307-220M



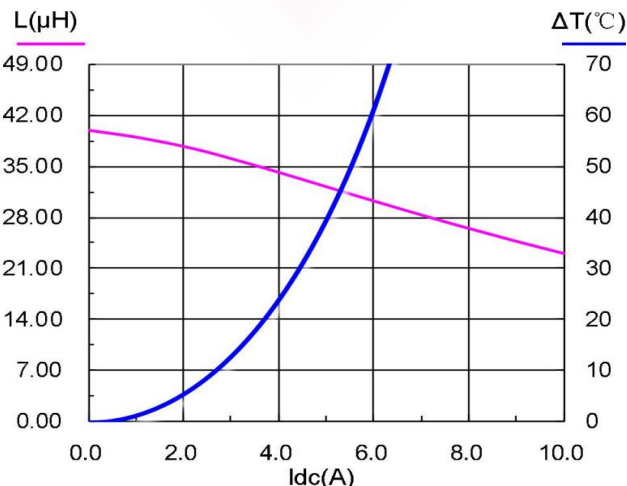
SPI08-1307-270M



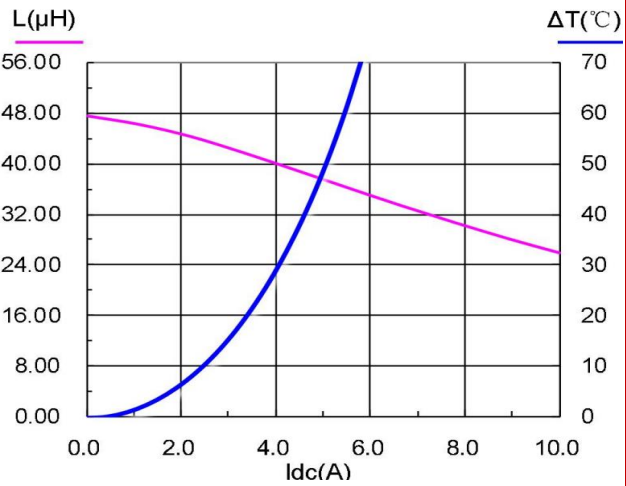
SPI08-1307-330M



SPI08-1307-390M



SPI08-1307-470M

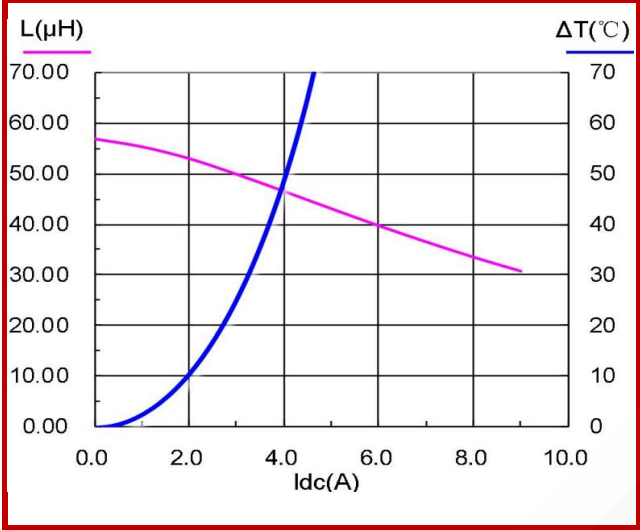




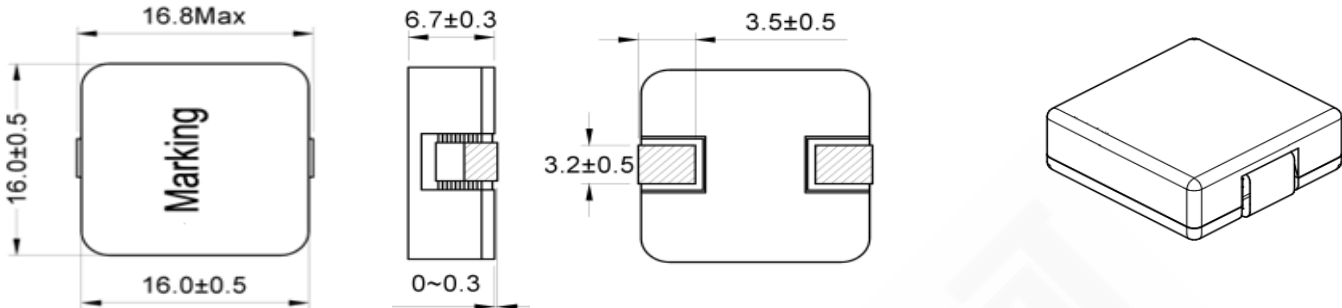
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI08-1307-560M



 尺寸
Dimension (mm)



 焊盘推荐
Land Pattern Recommended (mm)

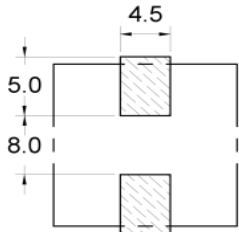
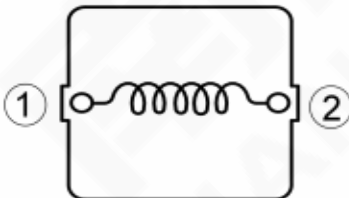


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current Ir typ 50°C (A)	直流电阻 DCResistance DCRmax (mΩ)	饱和电流 Saturation Current Isat typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1607-1R0M	1.00 ±20%	33.00	1.05	45.50	200
SPI08-1607-1R5M	1.50 ±20%	30.00	1.55	40.00	200
SPI08-1607-2R2M	2.20 ±20%	25.00	2.20	32.00	200
SPI08-1607-3R3M	3.30 ±20%	23.00	3.10	28.00	200
SPI08-1607-4R7M	4.70 ±20%	20.00	4.00	23.00	200
SPI08-1607-5R6M	5.60 ±20%	18.00	5.20	21.00	200
SPI08-1607-6R5M	6.50 ±20%	16.00	6.30	20.00	200
SPI08-1607-8R2M	8.20 ±20%	15.00	8.22	18.00	200
SPI08-1607-100M	10.00 ±20%	13.00	10.00	16.00	200
SPI08-1607-150M	15.00 ±20%	11.00	14.20	12.50	200
SPI08-1607-220M	22.00 ±20%	8.50	23.50	10.50	200

测试状态
Test Condition

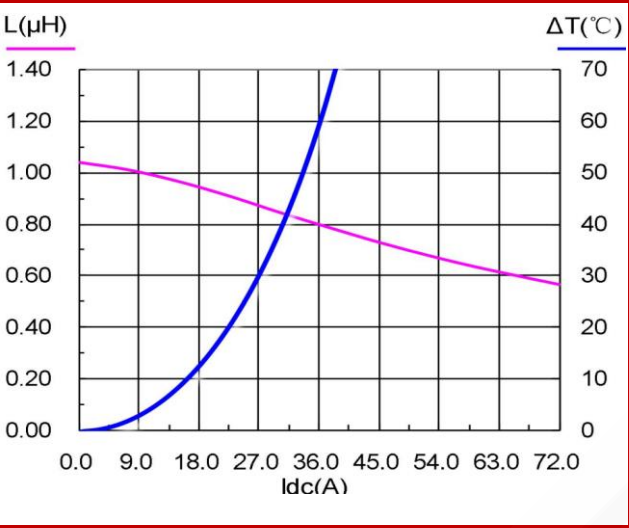
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



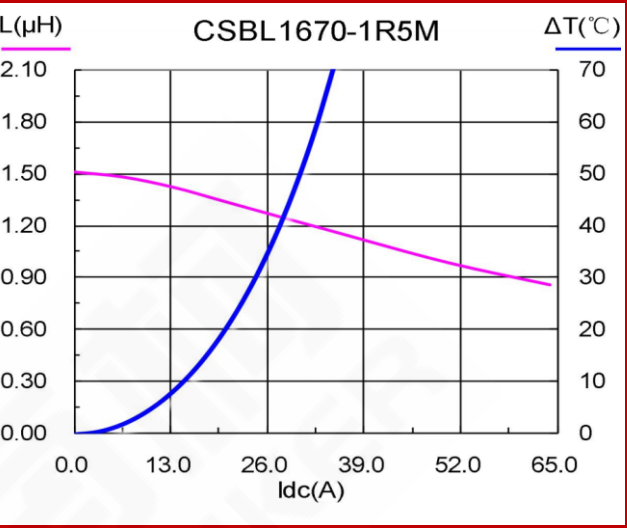
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

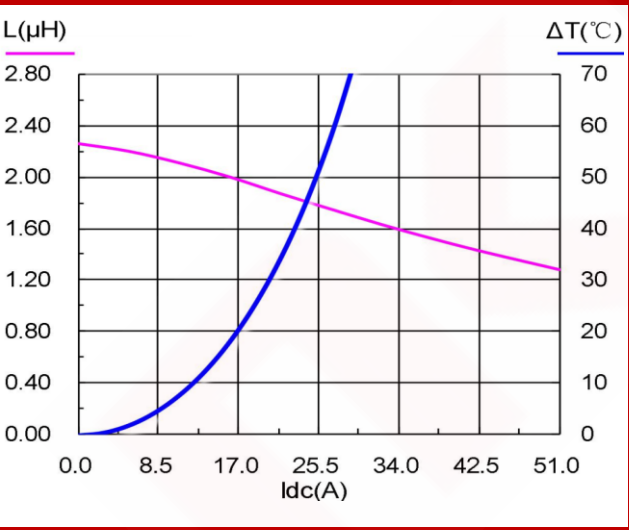
SPI08-1607-1R0M



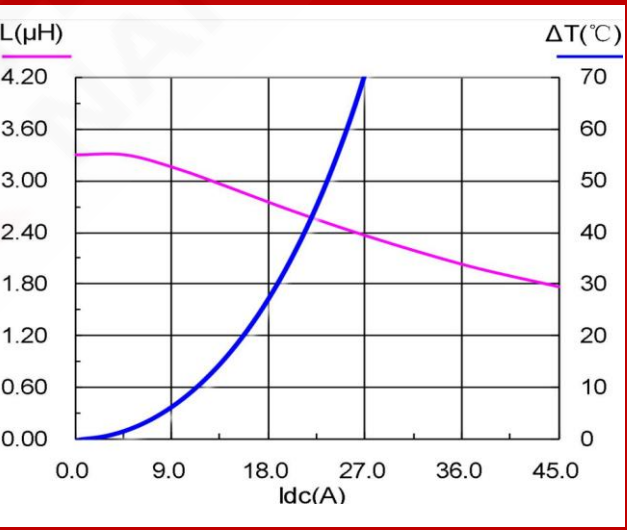
SPI08-1607-1R5M



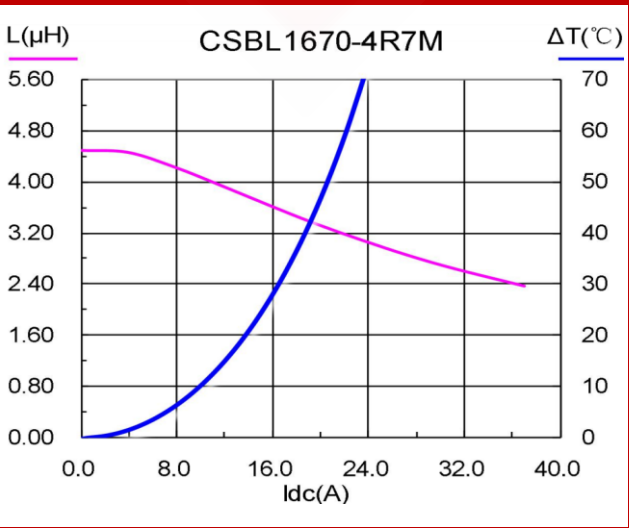
SPI08-1607-2R2M



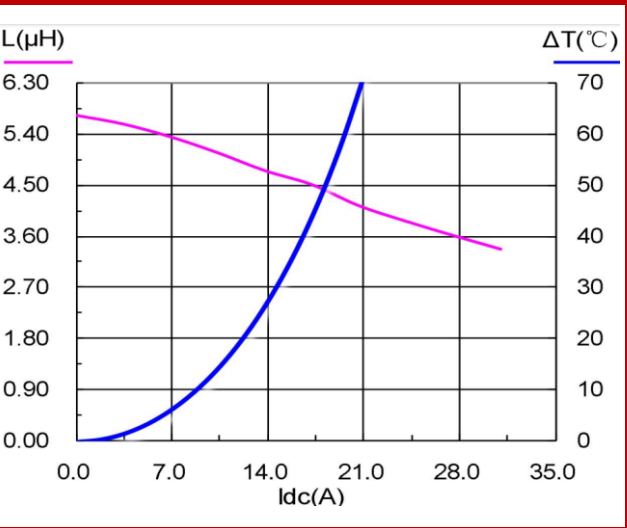
SPI08-1607-3R3M



SPI08-1607-4R7M



SPI08-1607-5R6M

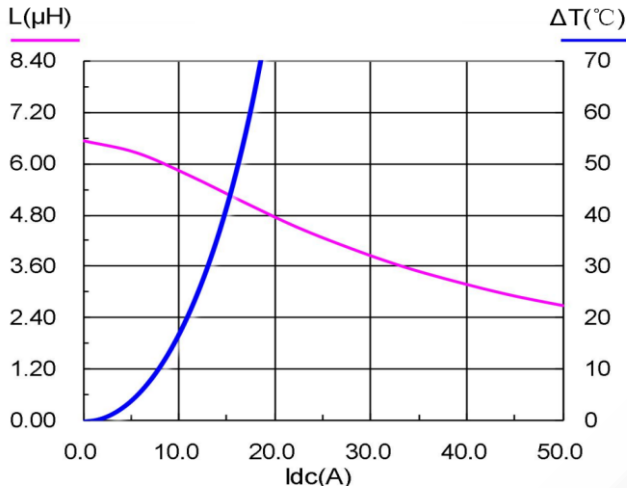




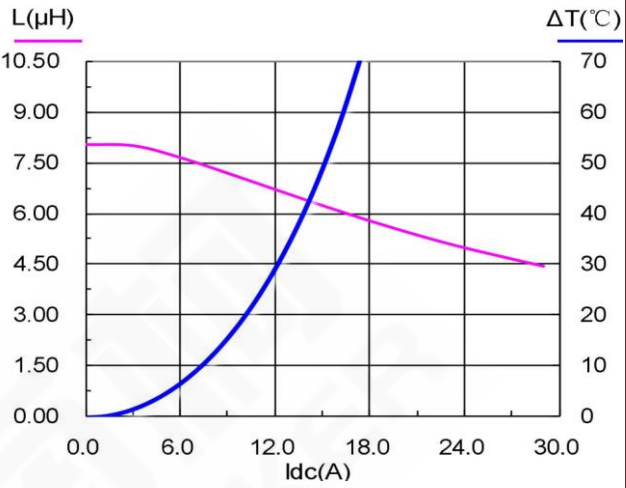
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

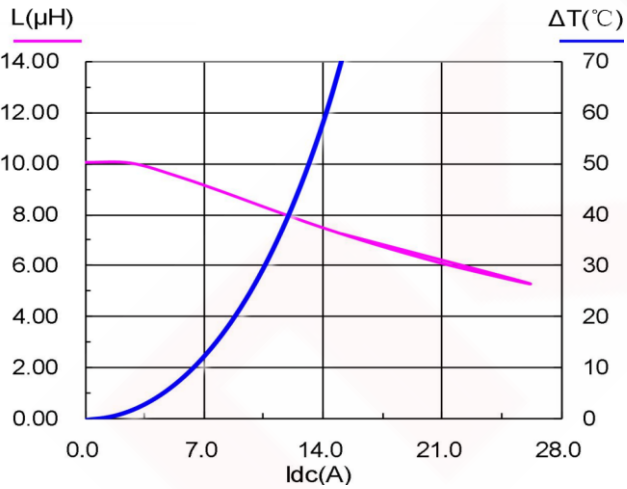
SPI08-1607-6R5M



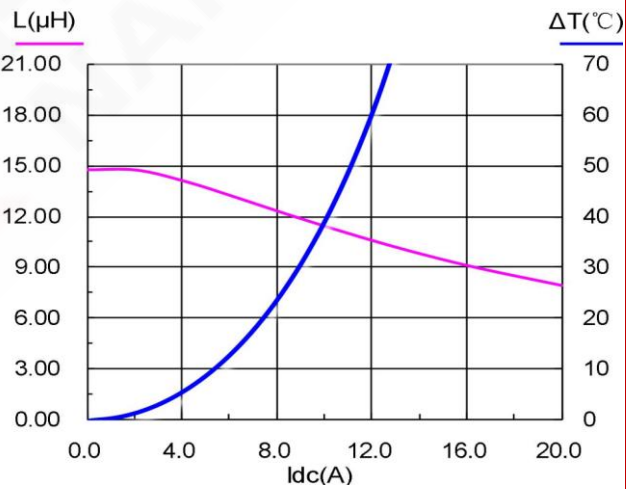
SPI08-1607-8R2M



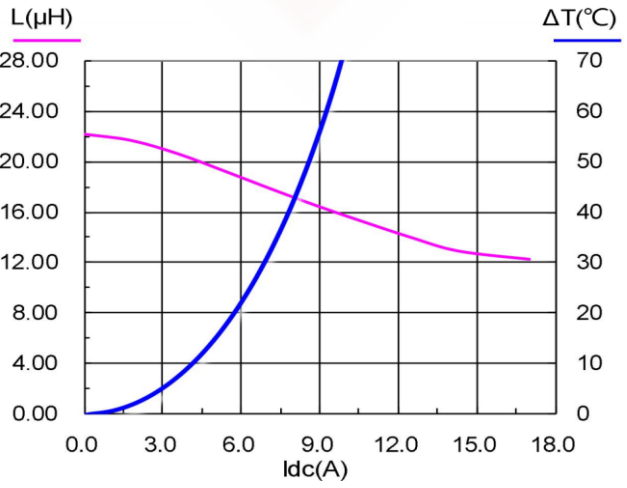
SPI08-1607-100M



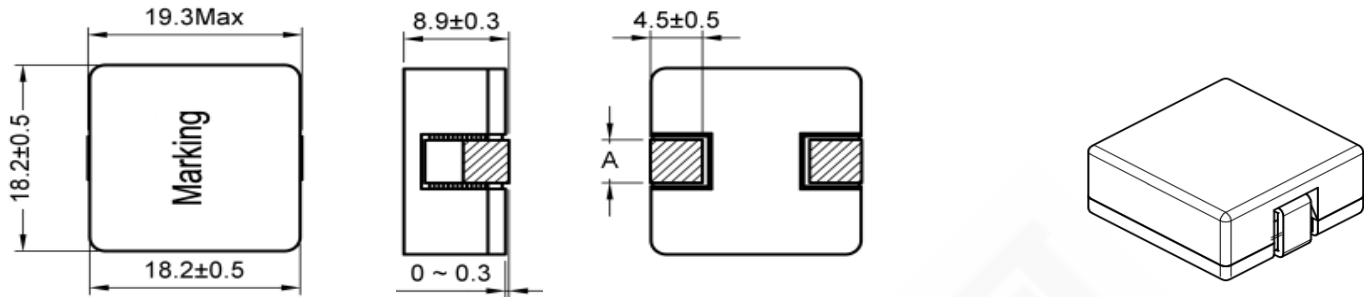
SPI08-1607-150M



SPI08-1607-220M



 尺寸
Dimension (mm)



Dimension	R82 ~ 150	220	330 ~ 560
A	4.00 ± 0.30	3.00 ± 0.30	3.20 ± 0.30

 焊盘推荐
Land Pattern Recommended (mm)

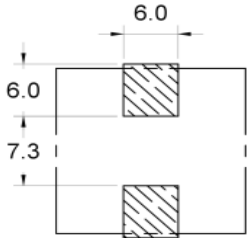
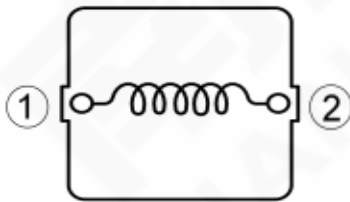


 示意图
Schematics



 电性特性
Electrical Properties

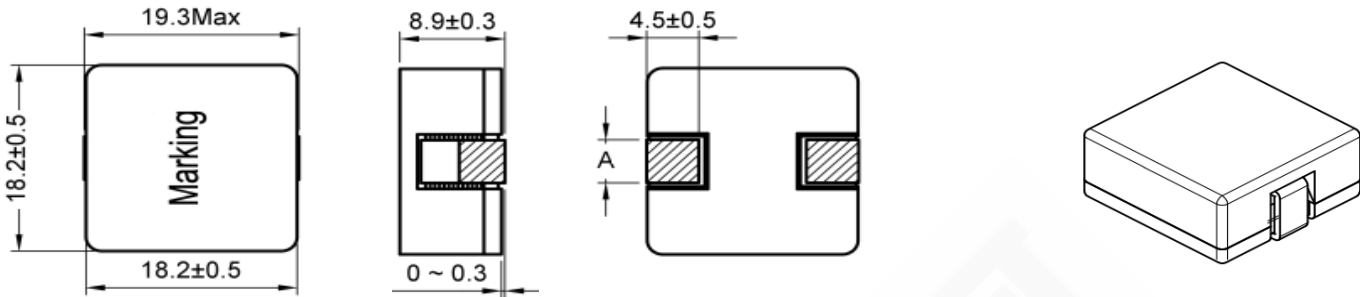
型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1809-R82M	0.82 ±20%	41.50	0.62	70.00	150
SPI08-1809-1R3M	1.30 ±20%	36.00	1.00	67.00	150
SPI08-1809-2R0M	2.00 ±20%	32.50	1.38	57.00	150
SPI08-1809-2R7M	2.70 ±20%	31.50	1.82	50.00	150
SPI08-1809-3R6M	3.60 ±20%	25.00	2.60	43.00	150
SPI08-1809-4R7M	4.70 ±20%	22.50	3.40	39.00	150
SPI08-1809-5R6M	5.60 ±20%	21.00	3.70	35.00	150
SPI08-1809-6R8M	6.80 ±20%	18.50	4.70	31.00	150

测试状态

Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value

 尺寸
Dimension (mm)



Dimension	R82 ~ 150	220	330 ~ 560
A	4.00 ± 0.30	3.00 ± 0.30	3.20 ± 0.30

 焊盘推荐
Land Pattern Recommended (mm)

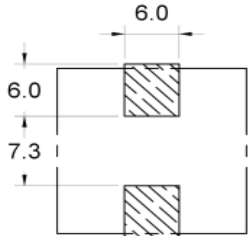
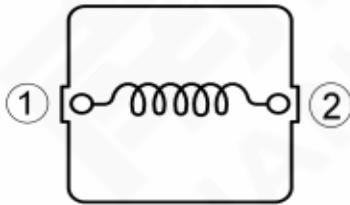


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-1809-8R5M	8.50 ±20%	18.00	5.55	28.00	150
SPI08-1809-100M	10.00 ±20%	16.00	6.90	24.00	150
SPI08-1809-150M	15.00 ±20%	14.00	9.43	19.00	150
SPI08-1809-220M	22.00 ±20%	11.00	14.10	14.00	150
SPI08-1809-330M	33.00 ±20%	8.50	23.00	11.00	150
SPI08-1809-470M	47.00 ±20%	6.80	38.80	9.40	150
SPI08-1809-560M	56.00 ±20%	6.50	41.20	8.50	150

测试状态

Test Condition

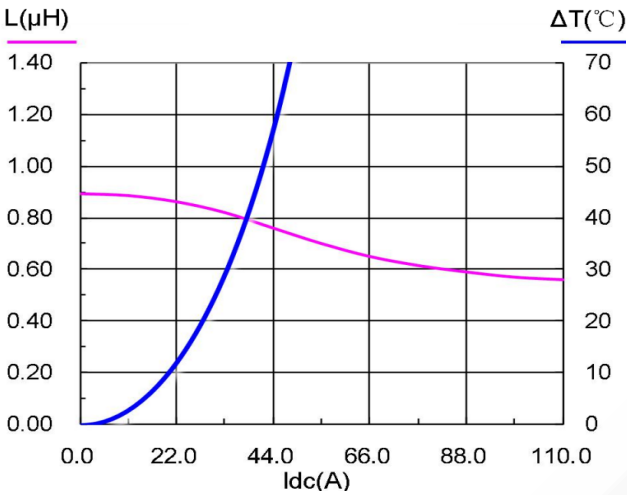
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



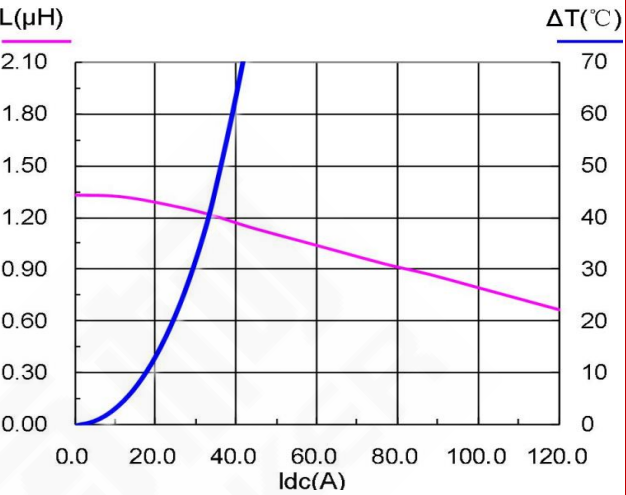
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

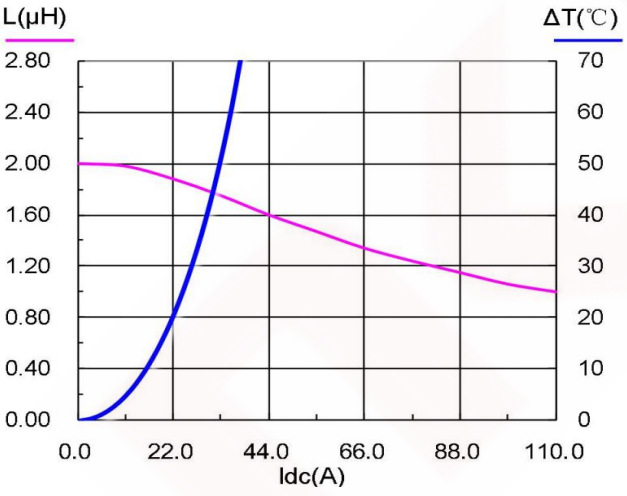
SPI08-1809-R82M



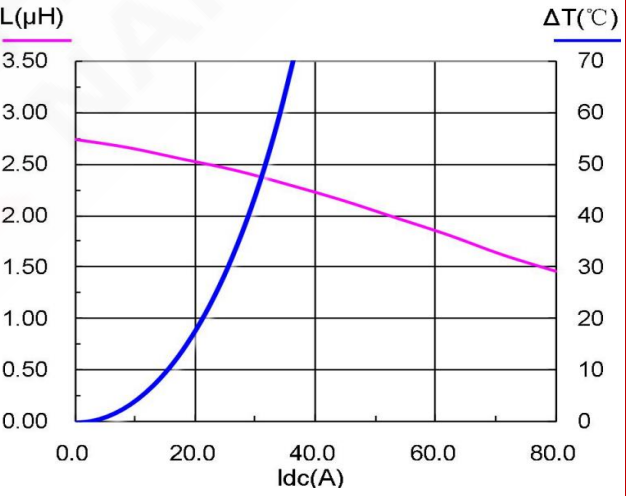
SPI08-1809-1R3M



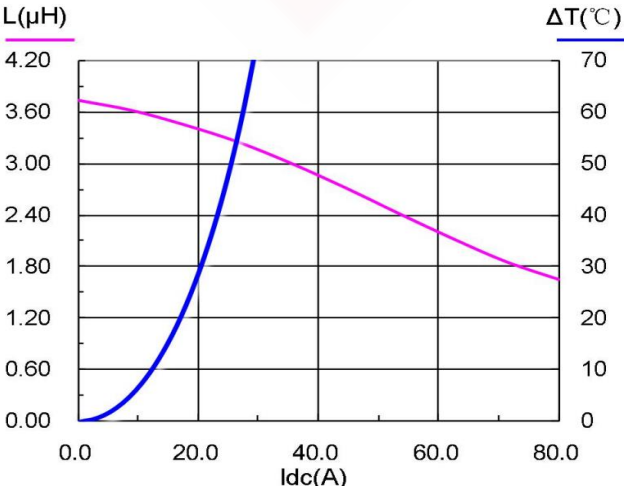
SPI08-1809-2R0M



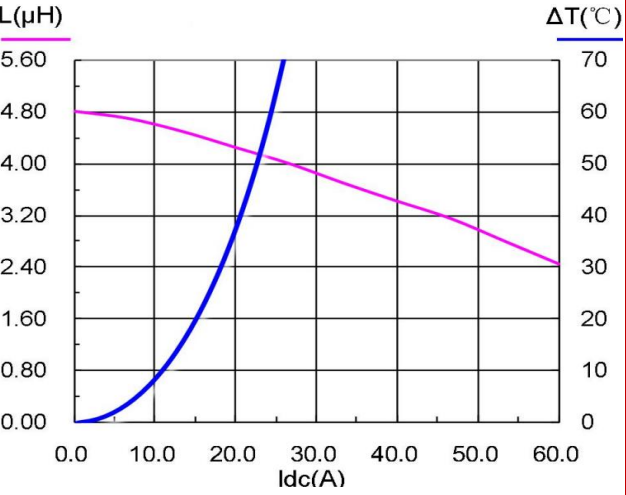
SPI08-1809-2R7M



SPI08-1809-3R6M



SPI08-1809-4R7M

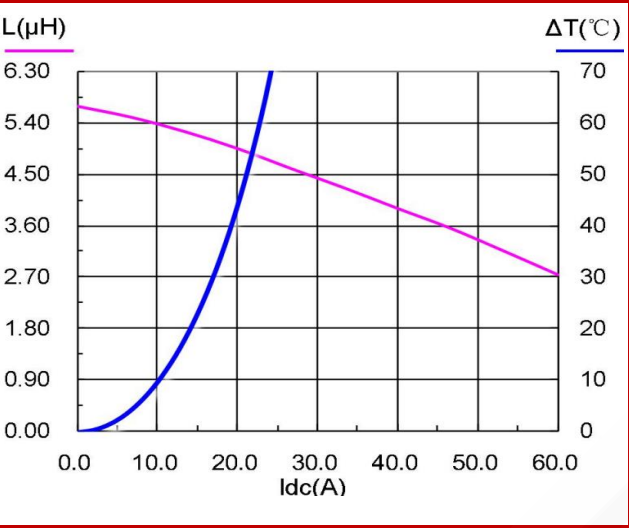




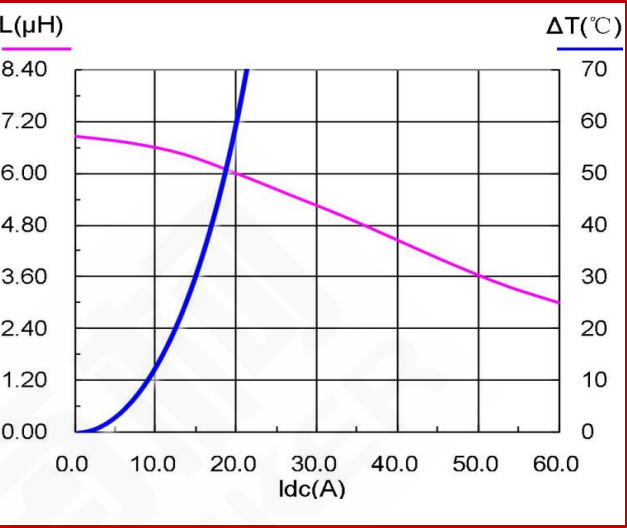
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

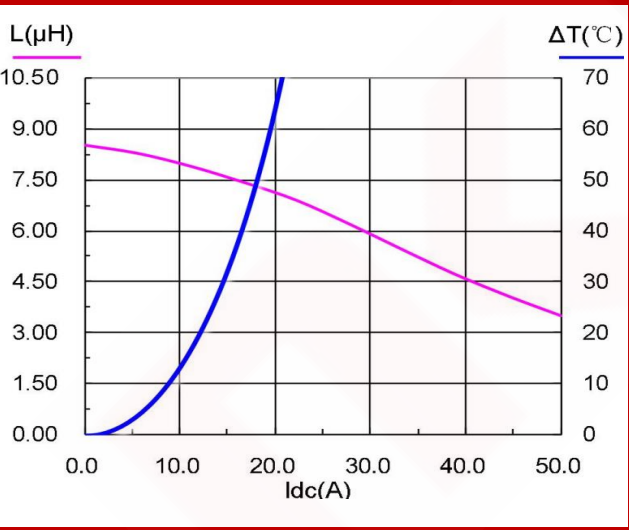
SPI08-1809-5R6M



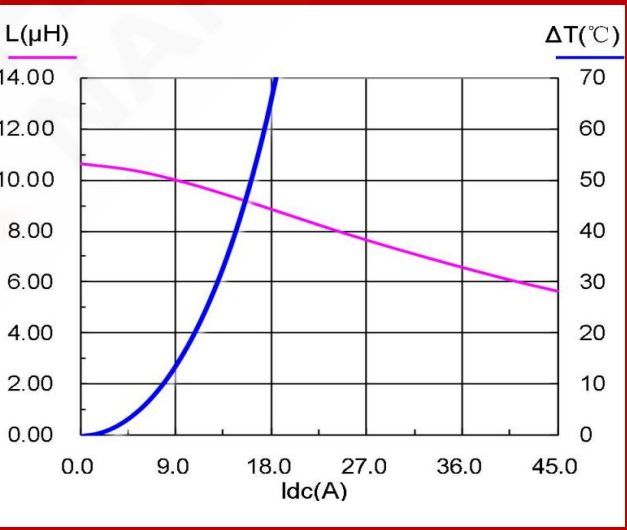
SPI08-1809-6R8M



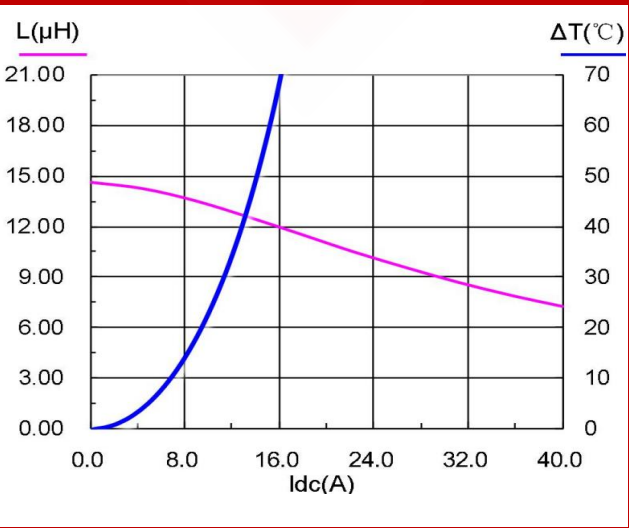
SPI08-1809-8R5M



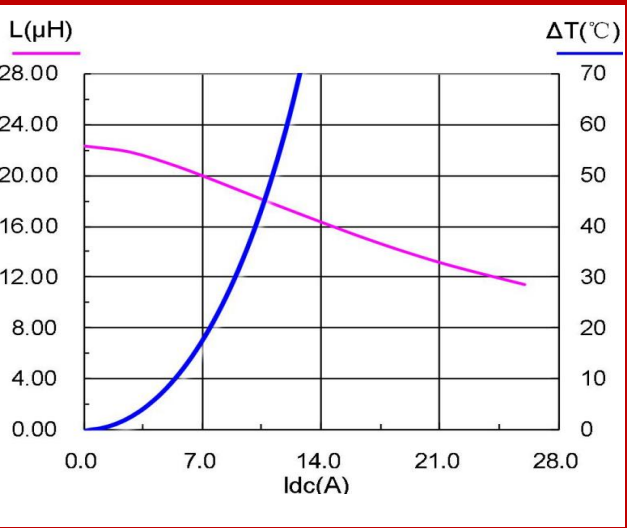
SPI08-1809-100M



SPI08-1809-150M



SPI08-1809-220M

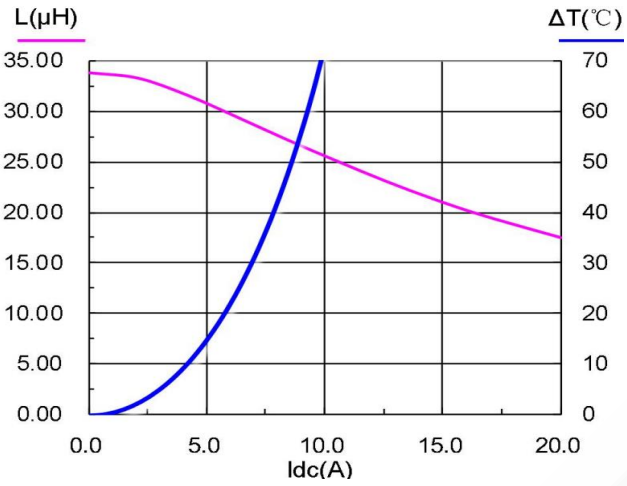




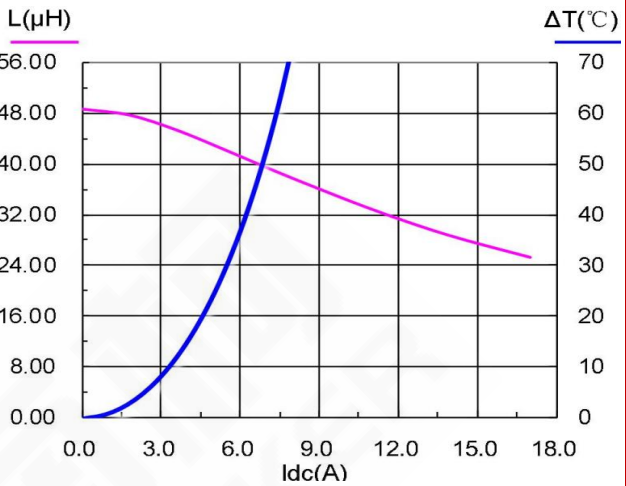
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

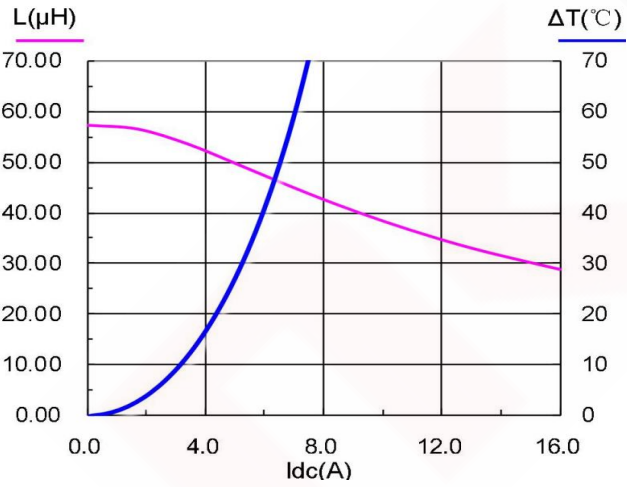
SPI08-1809-330M

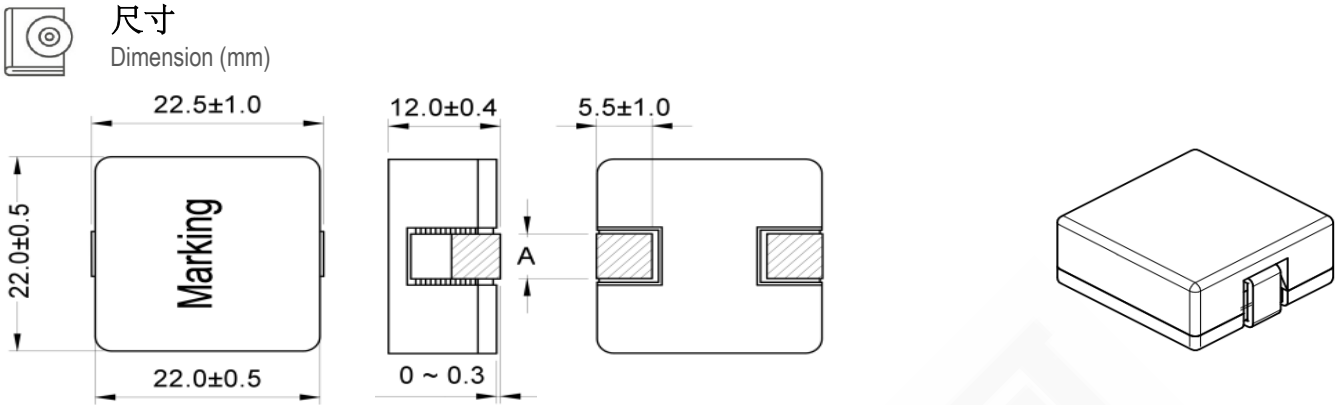


SPI08-1809-470M

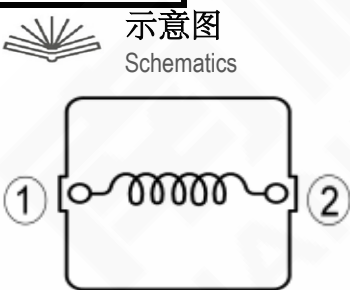
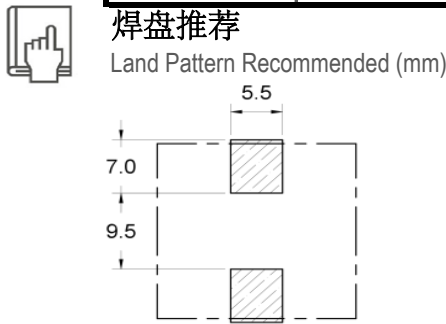


SPI08-1809-560M





Dimension	3R3 ~ 330	390 ~ 560	680 ~ 101
A	4.00 ± 0.30	3.50 ± 0.30	3.20 ± 0.30



 电性特性
Electrical Properties

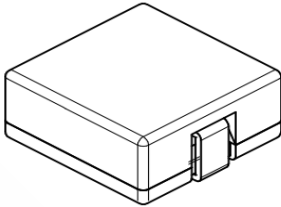
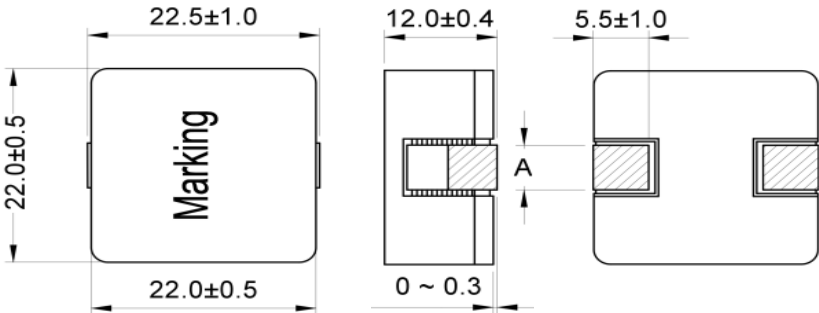
型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-2212-3R3M	3.30 ±20%	32.00	1.20	50.00	120
SPI08-2212-4R7M	4.70 ±20%	30.00	1.75	42.00	120
SPI08-2212-6R8M	6.80 ±20%	26.00	2.70	38.00	120
SPI08-2212-8R2M	8.20 ±20%	24.00	3.20	34.00	120
SPI08-2212-100M	10.00 ±20%	21.00	3.88	31.00	120
SPI08-2212-120M	12.00 ±20%	19.50	4.80	28.00	120
SPI08-2212-150M	15.00 ±20%	18.00	5.45	26.00	120
SPI08-2212-220M	22.00 ±20%	15.00	8.25	21.00	120

测试状态
Test Condition

- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



尺寸
Dimension (mm)



Dimension	3R3 ~ 330	390 ~ 560	680 ~ 101
A	4.00 ± 0.30	3.50 ± 0.30	3.20 ± 0.30



焊盘推荐
Land Pattern Recommended (mm)

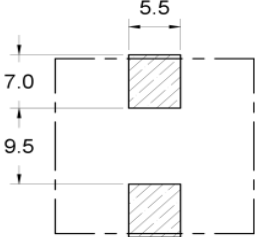
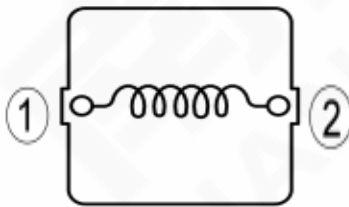


示意图
Schematics



电性特性
Electrical Properties

型号 Part No.	电感 Inductance μH	温升电流 Rated Current I _r typ 50°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	卷盘数量 Taping Reel Qty. pcs
SPI08-2212-330M	33.00 ±20%	11.50	13.50	18.00	120
SPI08-2212-390M	39.00 ±20%	9.50	19.80	16.00	120
SPI08-2212-470M	47.00 ±20%	9.00	21.40	15.00	120
SPI08-2212-560M	56.00 ±20%	8.20	23.30	13.00	120
SPI08-2212-680M	68.00 ±20%	7.50	30.30	12.50	120
SPI08-2212-820M	82.00 ±20%	7.00	33.70	10.00	120
SPI08-2212-101M	100.00 ±20%	6.10	40.80	9.00	120

测试状态

Test Condition

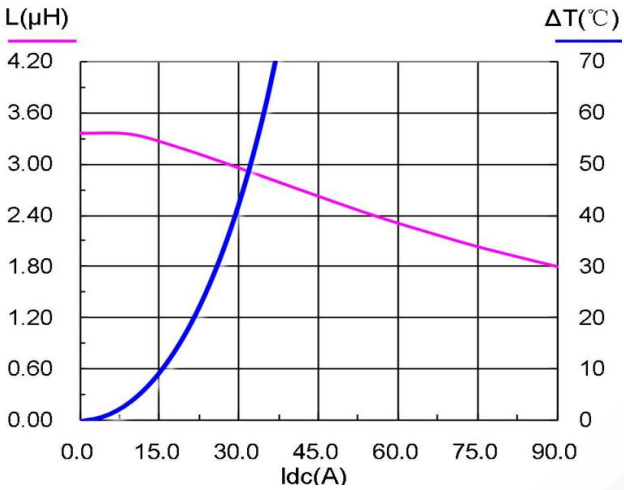
- ☆ 电感测试条件为 100kHz, 0.50V
Inductance measure condition at 100kHz, 0.5V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



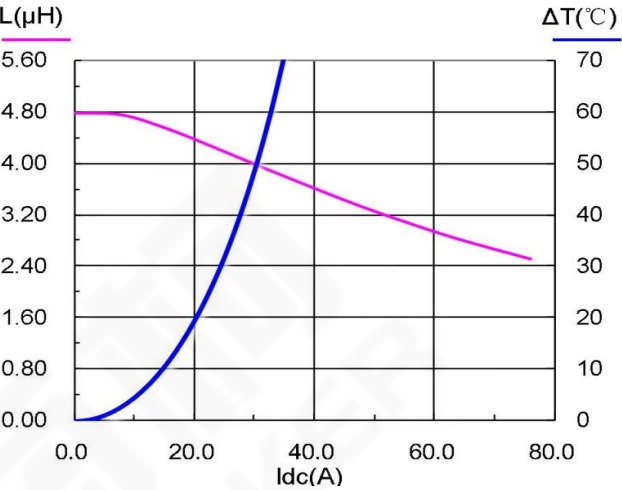
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

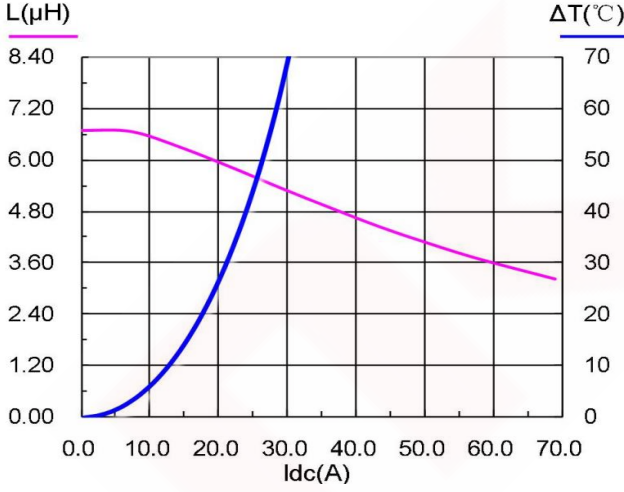
SPI08-2212-3R3M



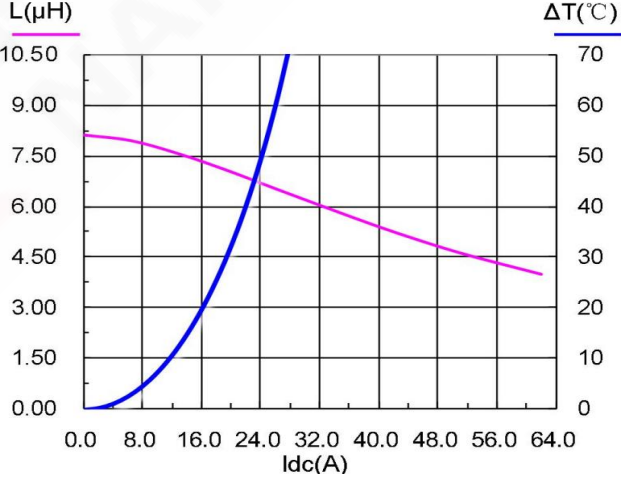
SPI08-2212-4R7M



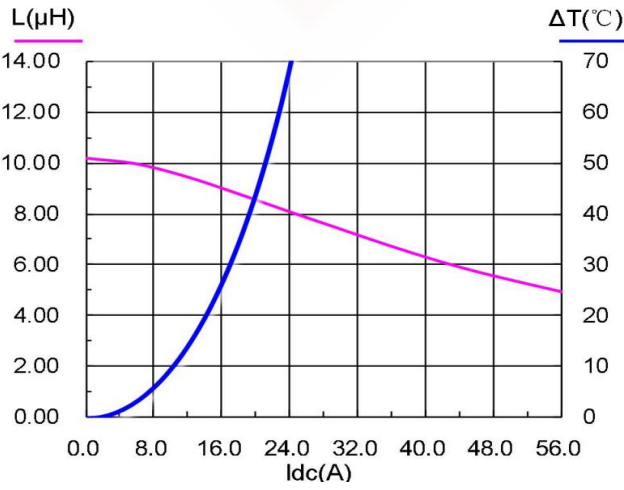
SPI08-2212-6R8M



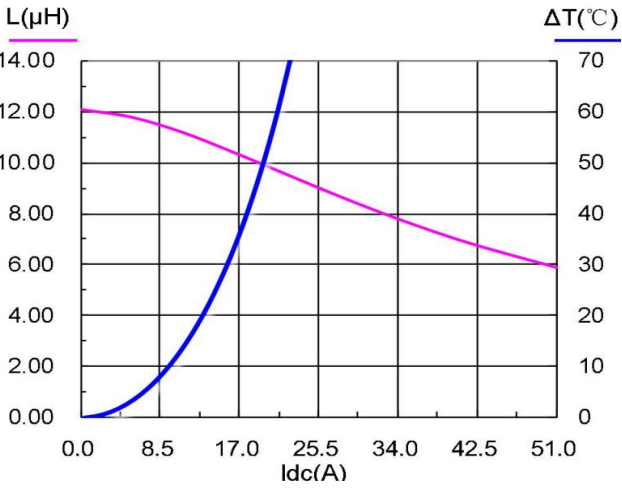
SPI08-2212-8R2M



SPI08-2212-100M



SPI08-2212-120M

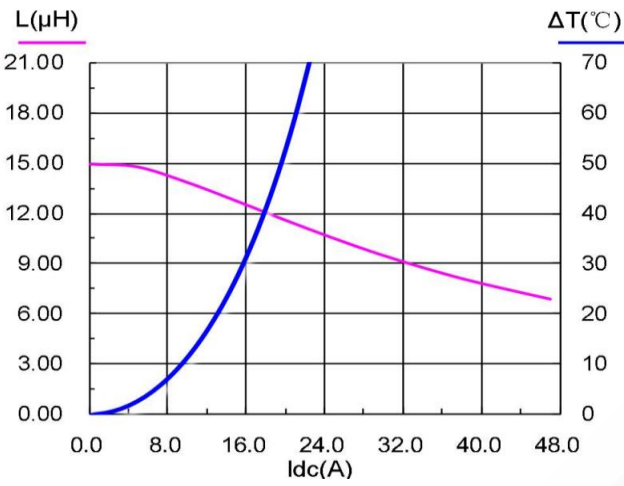




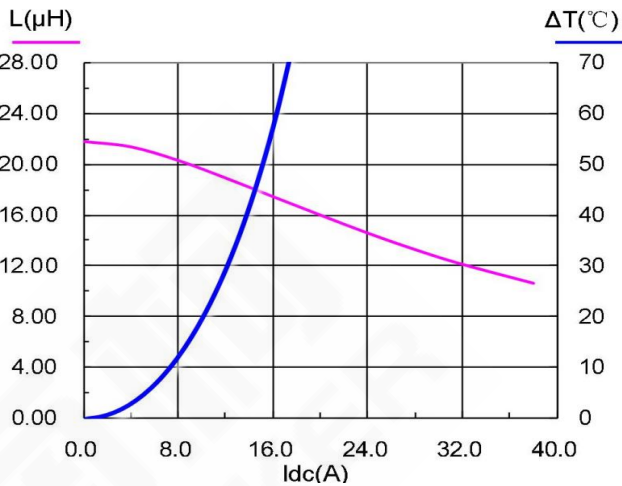
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

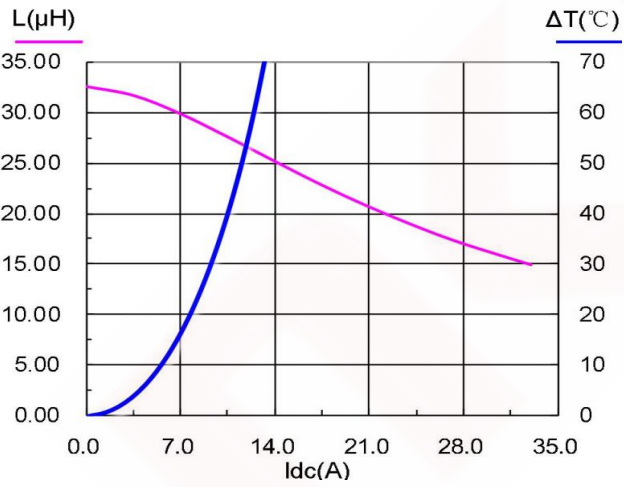
SPI08-2212-150M



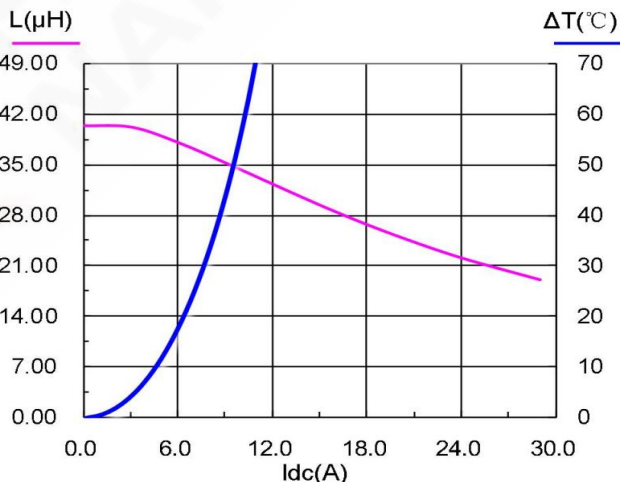
SPI08-2212-220M



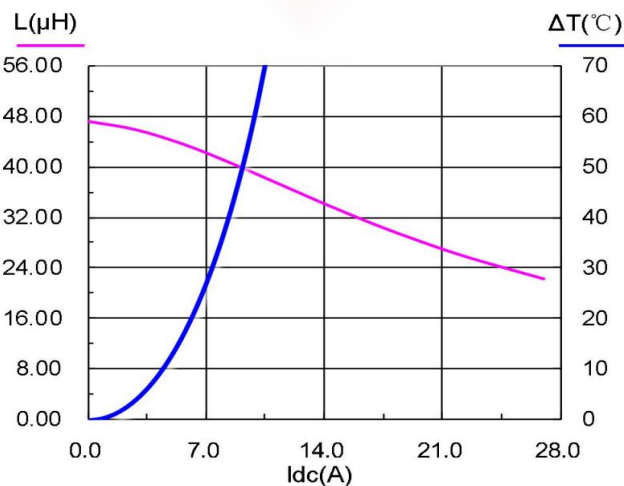
SPI08-2212-330M



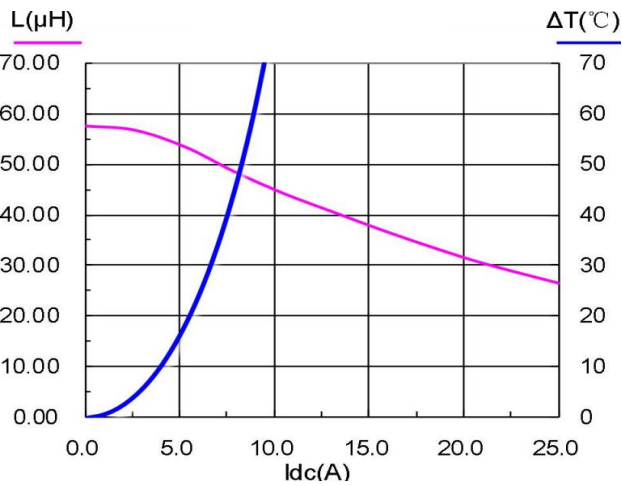
SPI08-2212-390M



SPI08-2212-470M



SPI08-2212-560M

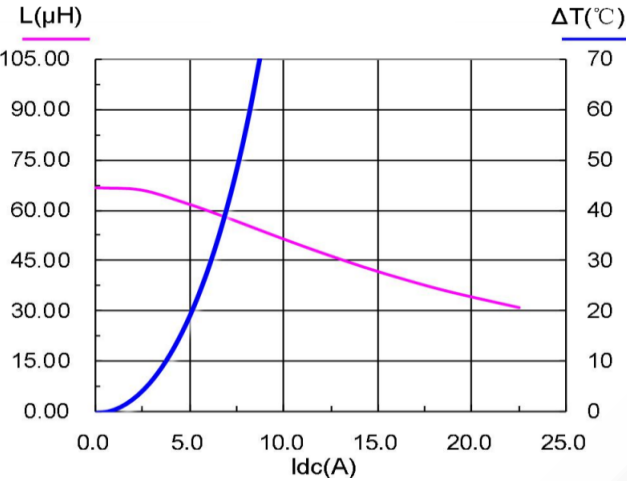




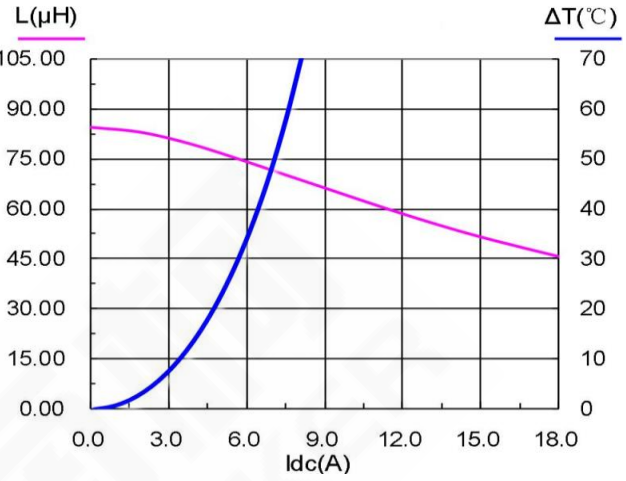
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

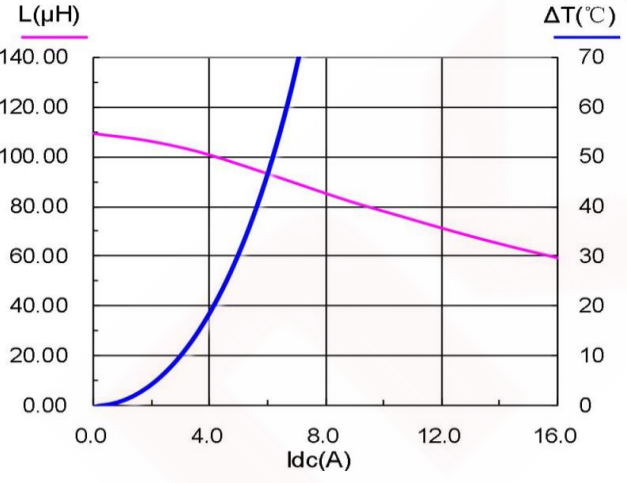
SPI08-2212-680M

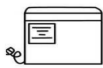


SPI08-2212-820M



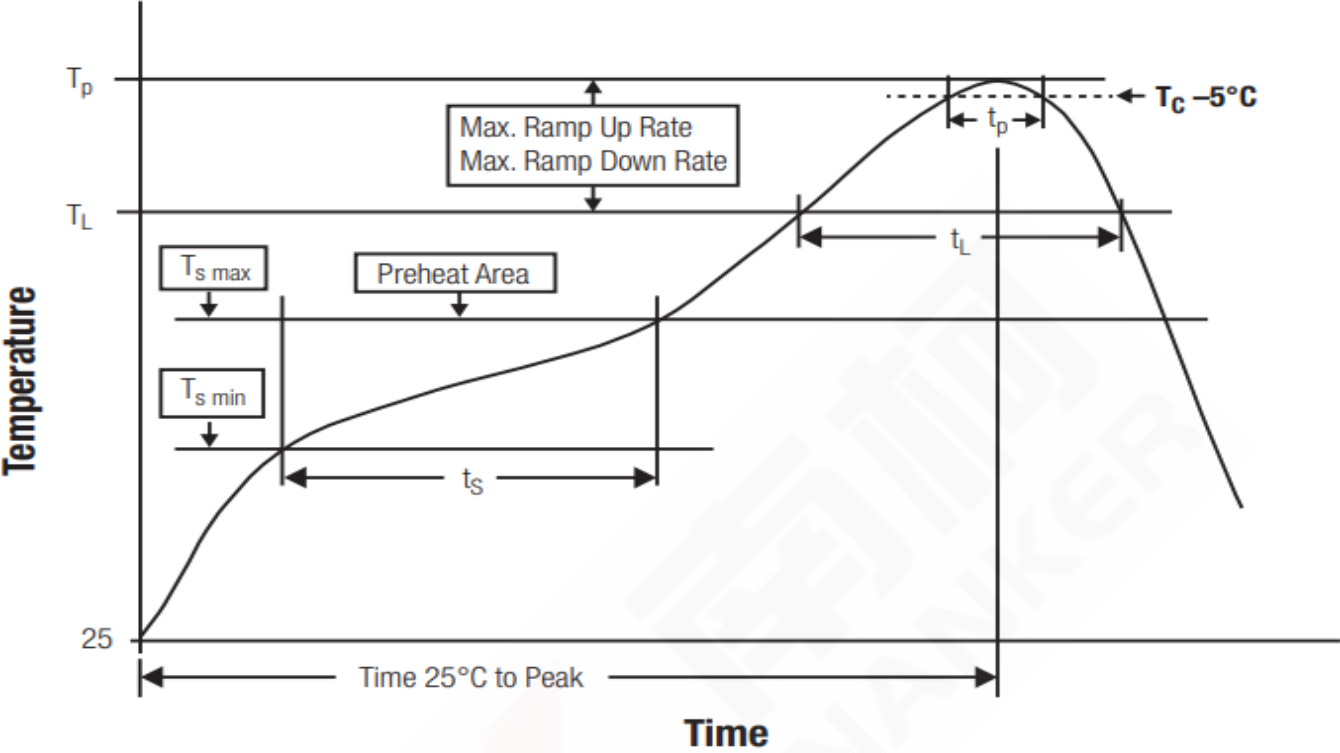
SPI08-2212-101M





回流焊曲线图

Classification Reflow Profile for SMT Components



封装体峰值温度(Tp)分类

Classification Reflow Soldering Profile:

	封装厚度 Package Thickness	封装体积 Package Volume		
		<350 mm ³	350~2,000 mm ³	>2,000 mm ³
无铅装配 PB-Free Assembly	<1.60mm	260°C	260°C	260°C
	1.60~2.50mm	260°C	250°C	245°C
	>2.50mm	260°C	245°C	245°C

- ◆ 回流焊参照标准 IPC/JEDEC J-STD-020D。
Reflow is refer to standard IPC/JEDEC J-STD-020D.