

一体成型电感

Shielded Power Inductor (Molded)



特性

Characteristics

磁屏蔽结构,闭合磁路,抗电磁干扰强,超低蜂鸣声,可高密度安装.

Magnetic shielding structure, closed magnetic circuit, strong anti electromagnetic interference, ultra-low buzzer, high density installation

小体积,大电流,范围可到60A,在高频和高温环境下保持优良的温升电流及饱和电流特性

Small volume, large current, range up to 60A, excellent temperature rise current and saturation current characteristics in high frequency and high temperature environment

低损耗合金粉末压铸,低电阻,结构牢固,产品精准度高

Low loss alloy powder die casting, low resistance, firm structure and high product accuracy

应用

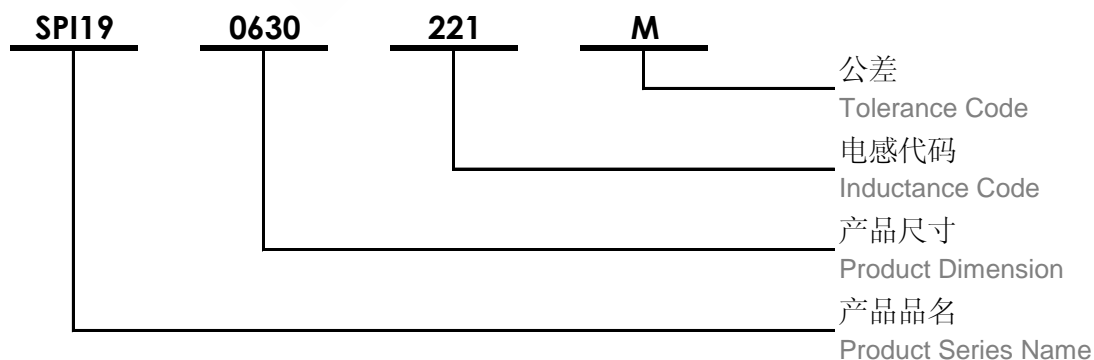
Application

PAD,笔记本电脑,台式机,服务器,音箱,网通,安防,手机,智能家居

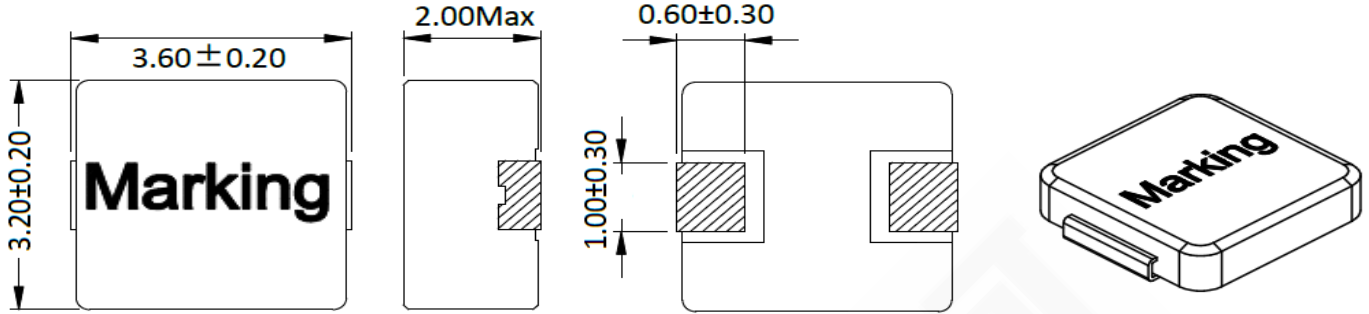
Pad, laptop, desktop, server, speaker, Netcom, security, mobile phone, smart home DC / DC module

产品品名介绍

Product Number Structure



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

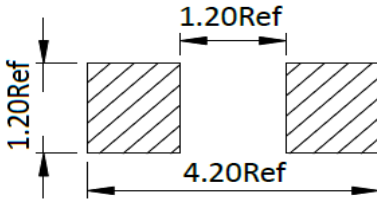


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0302-R22M	0.22 ±20%	7.00	14.00	11.00	80.00	3,000
SPI19-0302-R56M	0.56 ±20%	5.00	23.00	7.00		3,000
SPI19-0302-R68M	0.68 ±20%	5.00	27.00	6.50		3,000
SPI19-0302-1R0M	1.00 ±20%	4.50	33.00	5.00		3,000
SPI19-0302-1R5M	1.50 ±20%	3.30	56.00	4.20		3,000
SPI19-0302-2R2M	2.20 ±20%	3.00	76.00	4.00		3,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

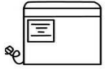
Inductance measure condition at 100 kHz/ 1.0V

☆ 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

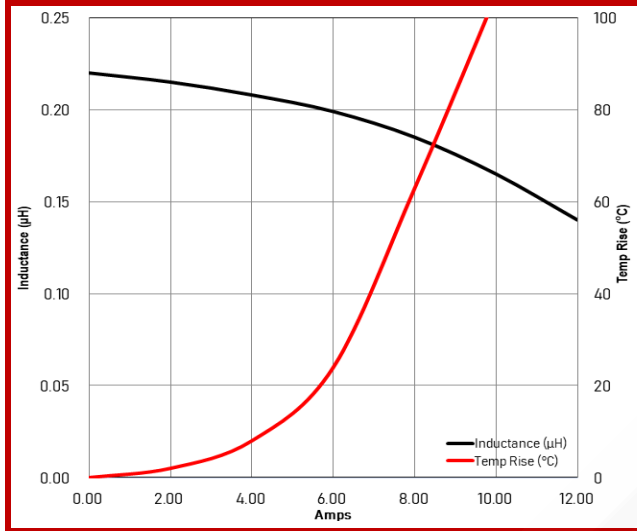
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



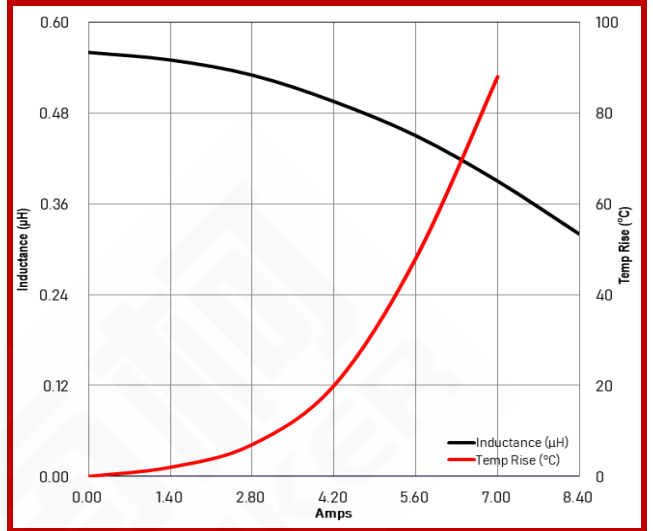
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

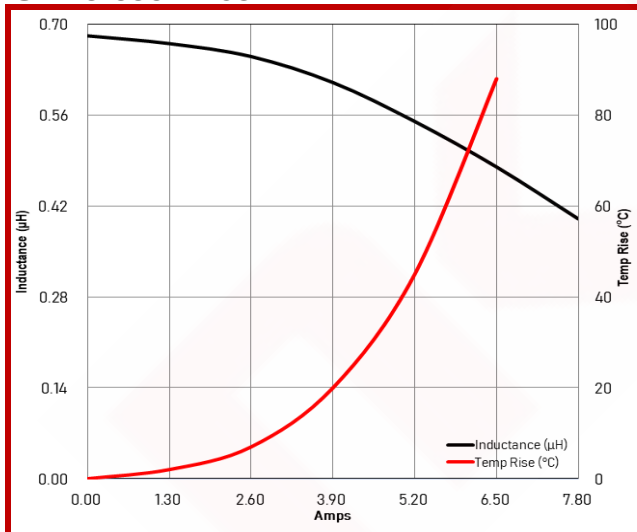
SPI19-0302-R22M



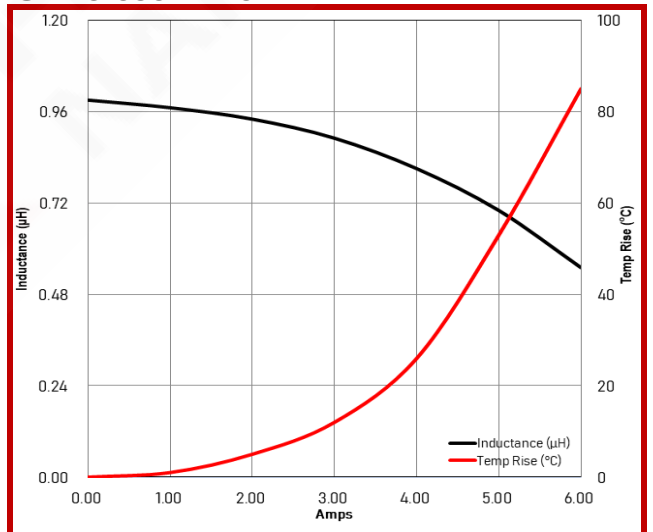
SPI19-0302-R56M



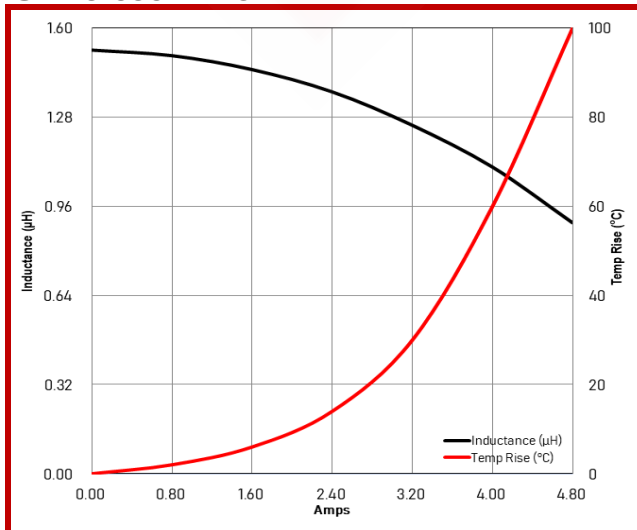
SPI19-0302-R68M



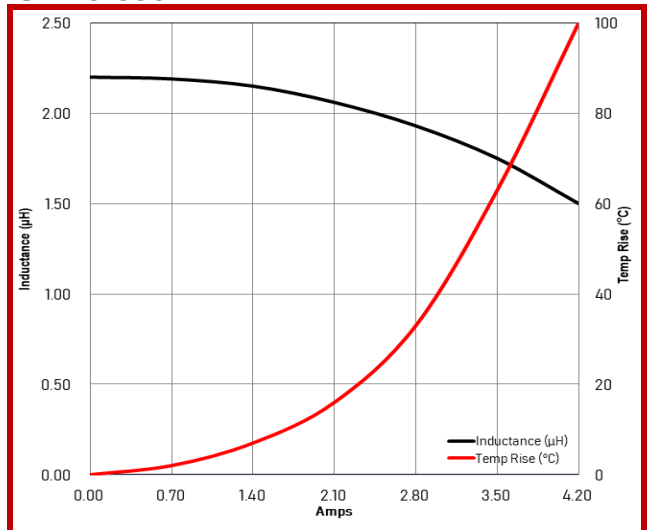
SPI19-0302-1R0M



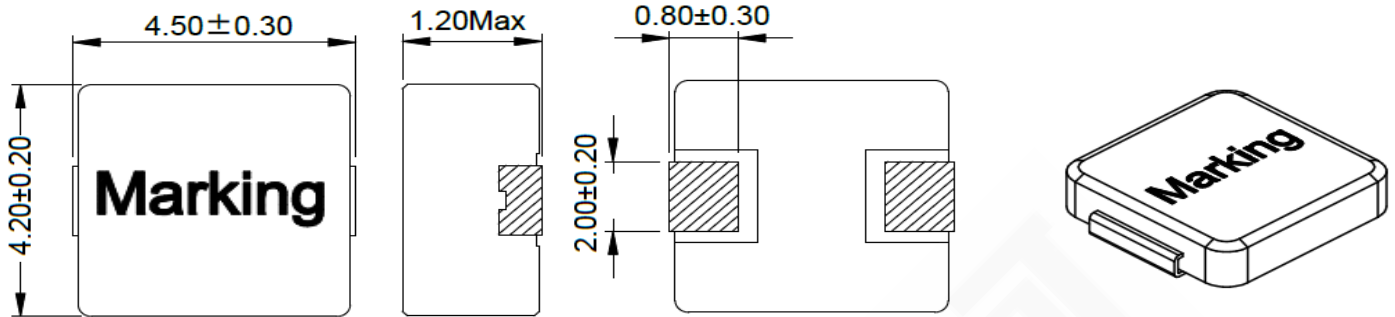
SPI19-0302-1R5M



SPI19-0302-2R2M



 尺寸
Dimension (mm)



 焊盘推荐
Land Pattern Recommended (mm)

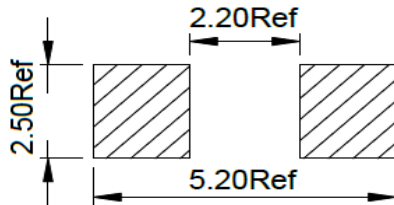


 示意图
Schematics



 电性特性
Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0401-R15M	0.15 ±20%	8.00	9.00	18.00	80.00	3,000
SPI19-0401-R22M	0.22 ±20%	7.50	11.00	15.00		3,000
SPI19-0401-R33M	0.33 ±20%	6.80	13.00	11.00		3,000
SPI19-0401-R47M	0.47 ±20%	6.20	21.00	8.50		3,000
SPI19-0401-R68M	0.68 ±20%	4.90	25.00	8.00		3,000
SPI19-0401-1R0M	1.00 ±20%	4.70	47.00	7.00		3,000
SPI19-0401-1R5M	1.50 ±20%	3.50	65.00	5.50		3,000
SPI19-0401-2R2M	2.20 ±20%	3.00	83.50	4.20		3,000
SPI19-0401-3R3M	3.30 ±20%	2.20	112.00	3.80		3,000
SPI19-0401-4R7M	4.70 ±20%	2.00	195.00	2.90	3,000	

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

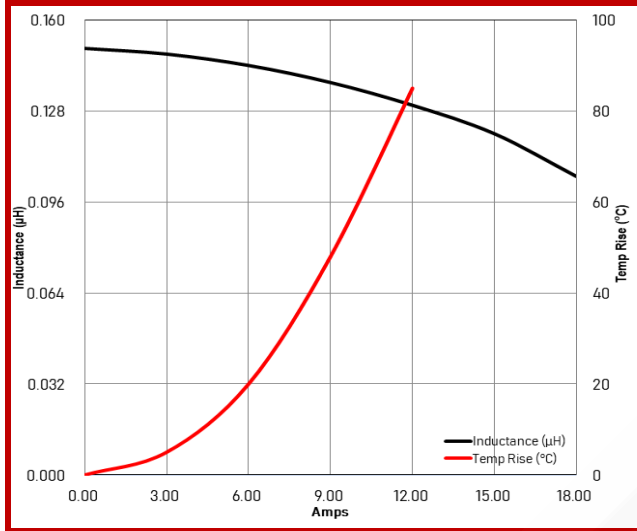
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



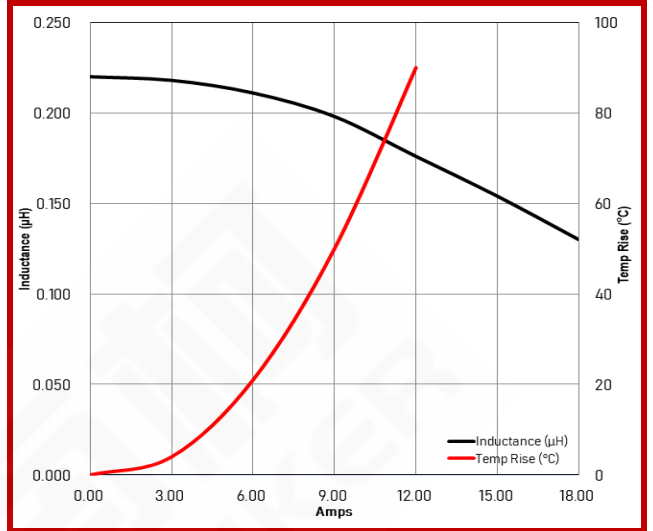
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

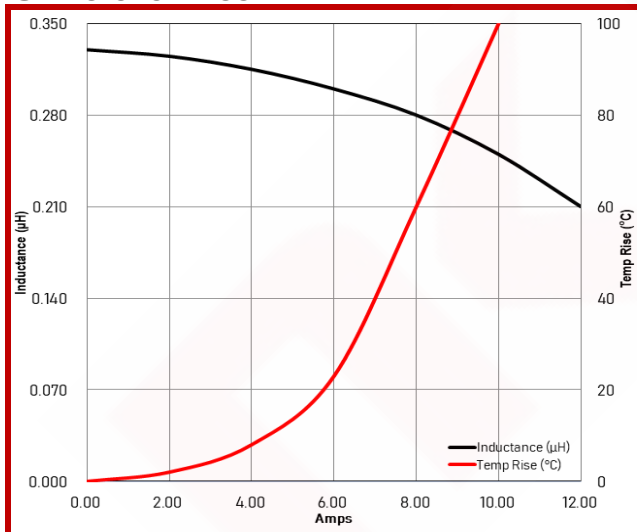
SPI19-0401-R15M



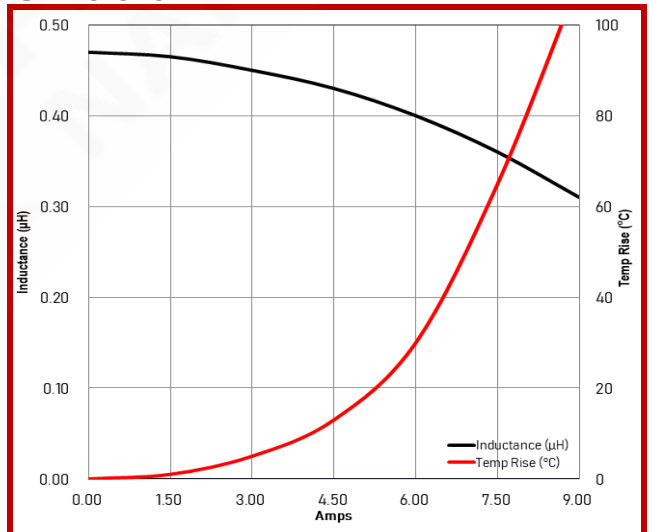
SPI19-0401-R22M



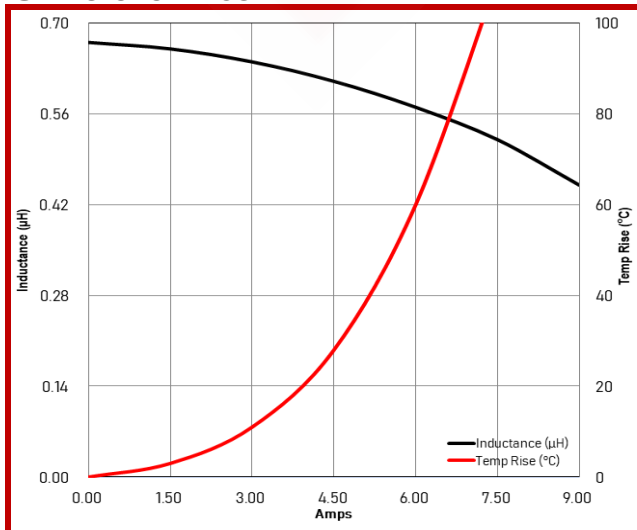
SPI19-0401-R33M



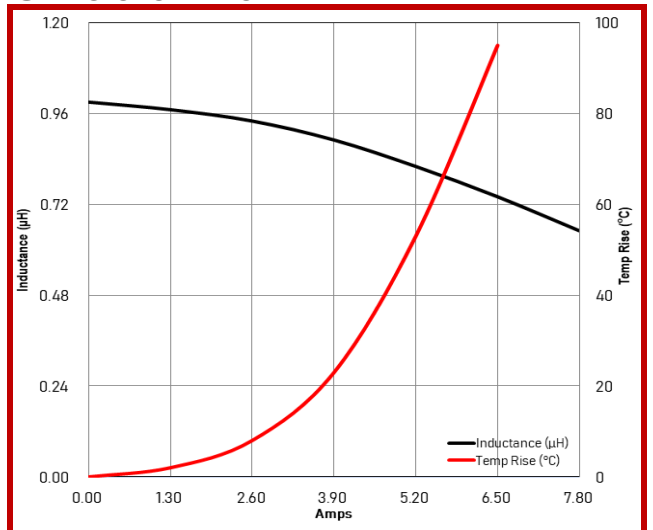
SPI19-0401-R47M



SPI19-0401-R68M



SPI19-0401-1R0M

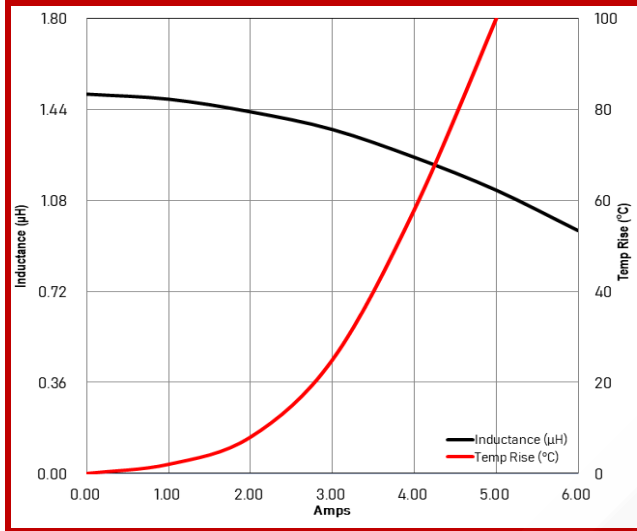




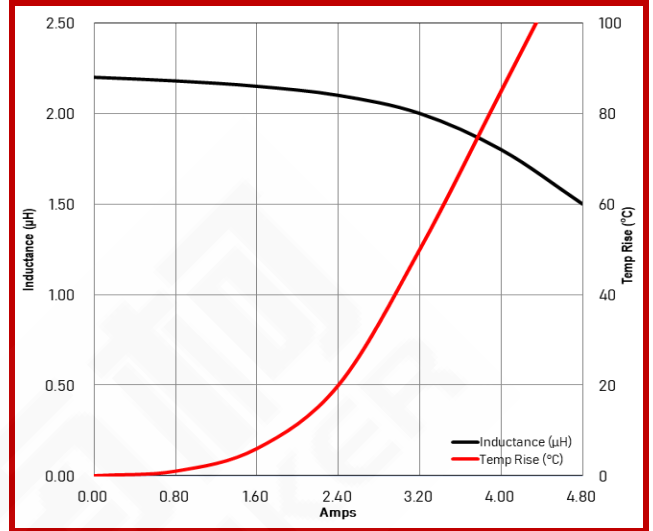
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

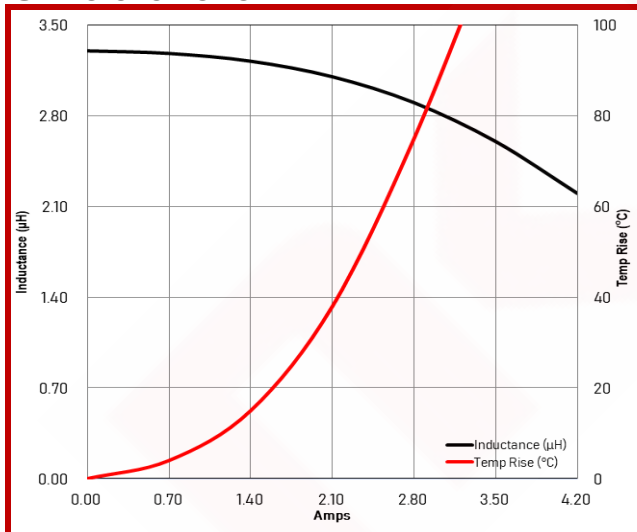
SPI19-0401-1R5M



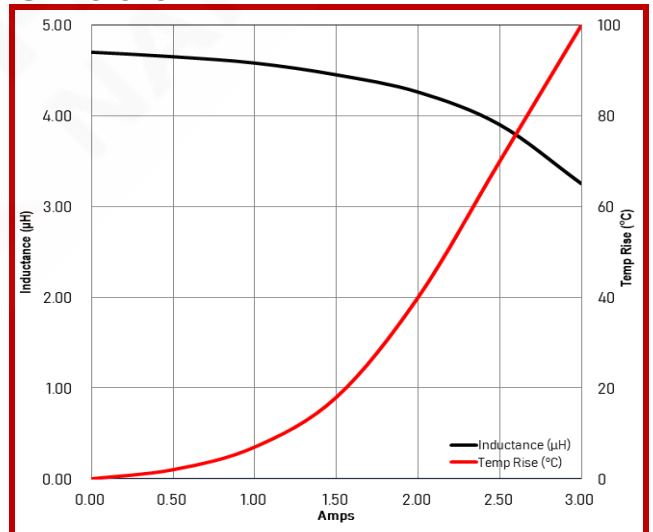
SPI19-0401-2R2M



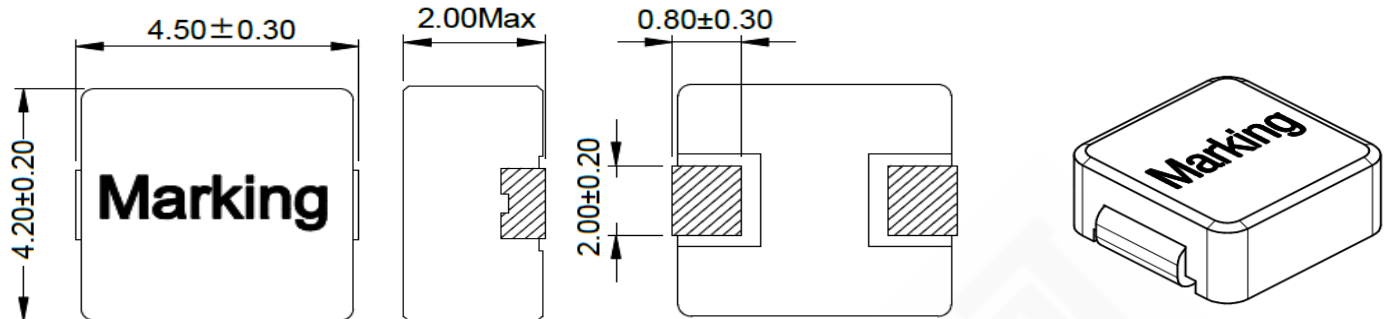
SPI19-0401-3R3M



SPI19-0401-4R7M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

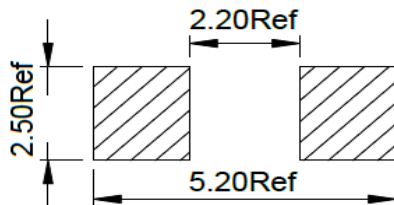


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SP119-0402-R10M	0.10 ±20%	15.60	4.00	28.00	80.00	3,000
SP119-0402-R15M	0.15 ±20%	13.00	6.50	17.00		3,000
SP119-0402-R22M	0.22 ±20%	12.00	7.80	16.00		3,000
SP119-0402-R33M	0.33 ±20%	10.00	10.50	13.00		3,000
SP119-0402-R47M	0.47 ±20%	9.00	12.50	12.00		3,000
SP119-0402-R56M	0.56 ±20%	7.90	16.00	11.00		3,000
SP119-0402-R68M	0.68 ±20%	7.60	18.50	9.00		3,000
SP119-0402-1R0M	1.00 ±20%	7.00	24.00	8.00		3,000
SP119-0402-1R2M	1.20 ±20%	6.00	25.80	6.50		3,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

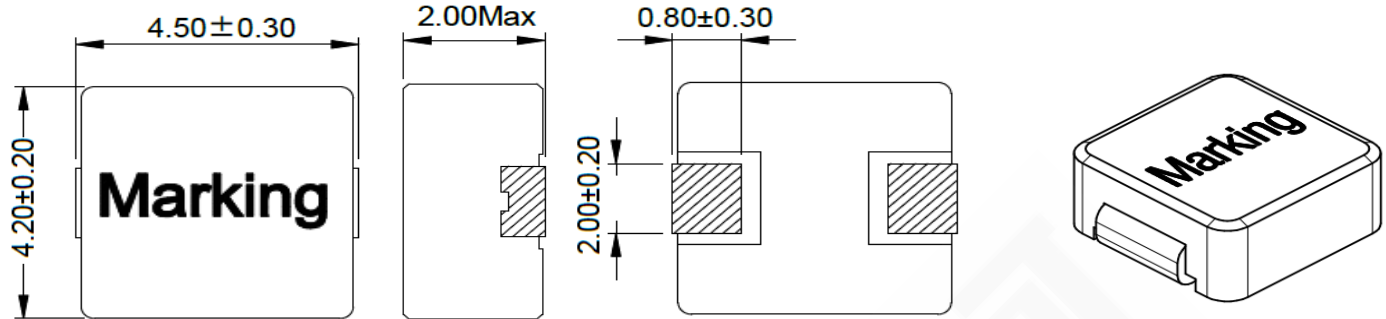
☆ 工作温度: -40°C ~ +125°C

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)

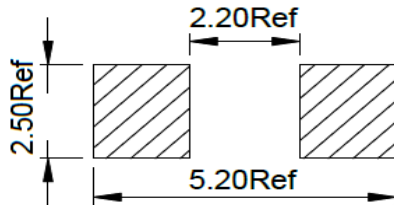


示意图 Schematics



电性特性 Electrical Properties

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SPI19-0402-1R5M	1.50 ±20%	4.50	30	6.00	80.00	3,000
SPI19-0402-2R2M	2.20 ±20%	4.00	49	5.00		3,000
SPI19-0402-3R3M	3.30 ±20%	3.30	80	4.50		3,000
SPI19-0402-4R7M	4.70 ±20%	3.00	118	4.00		3,000
SPI19-0402-5R6M	5.60 ±20%	2.90	125	3.80		3,000
SPI19-0402-6R8M	6.80 ±20%	2.80	140	3.40		3,000
SPI19-0402-100M	10.00 ±20%	2.40	230	3.00		3,000
SPI19-0402-150M	15.00 ±20%	2.00	330	2.40		3,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

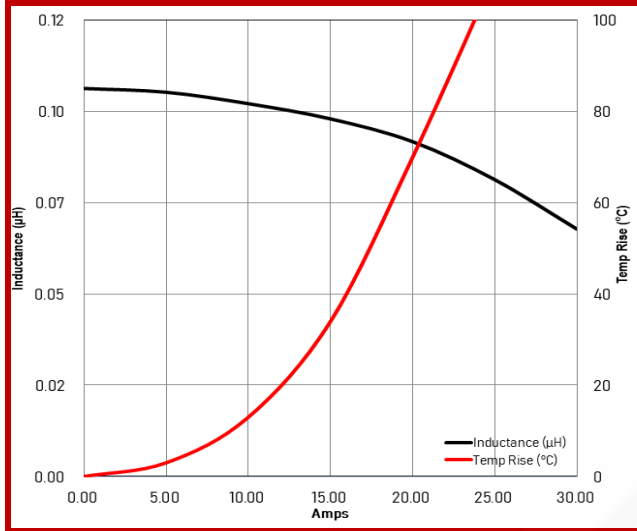
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



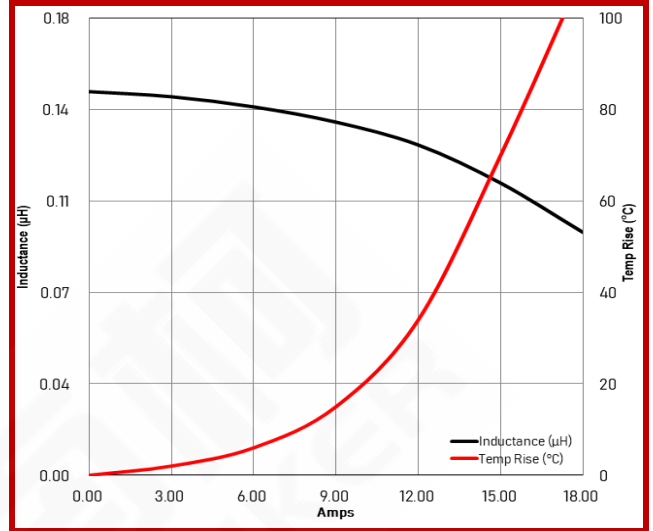
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

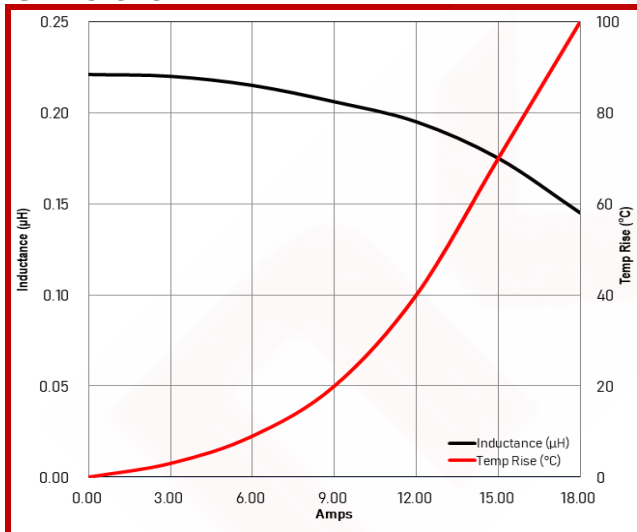
SPI19-0402-R10M



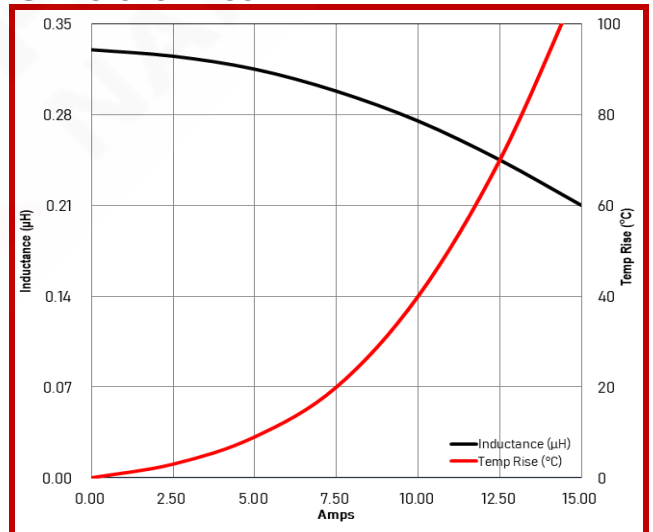
SPI19-0402-R15M



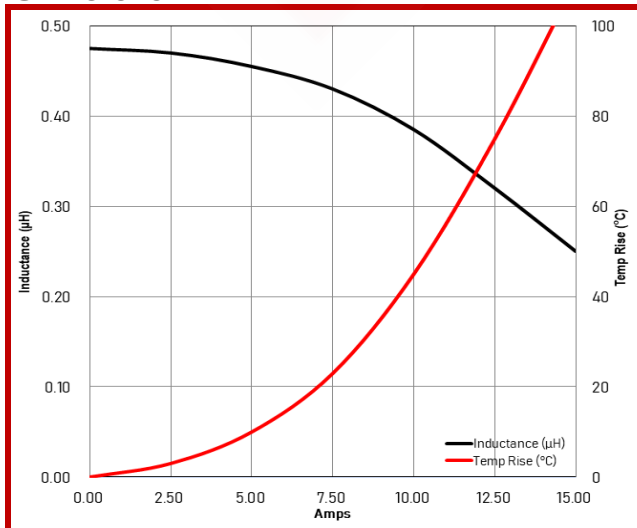
SPI19-0402-R22M



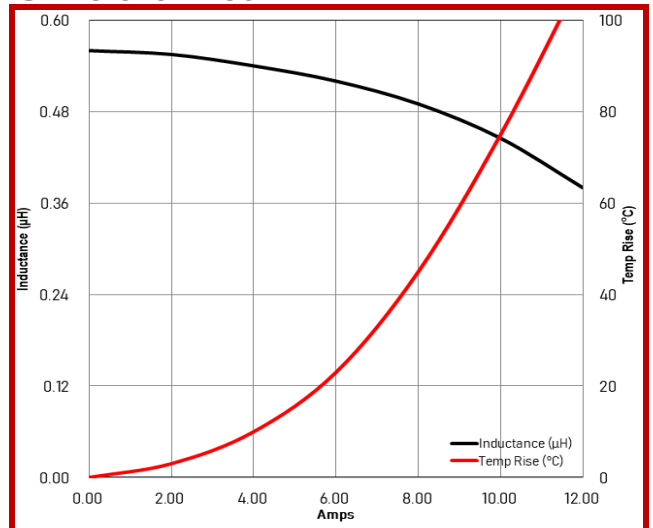
SPI19-0402-R33M



SPI19-0402-R47M



SPI19-0402-R56M

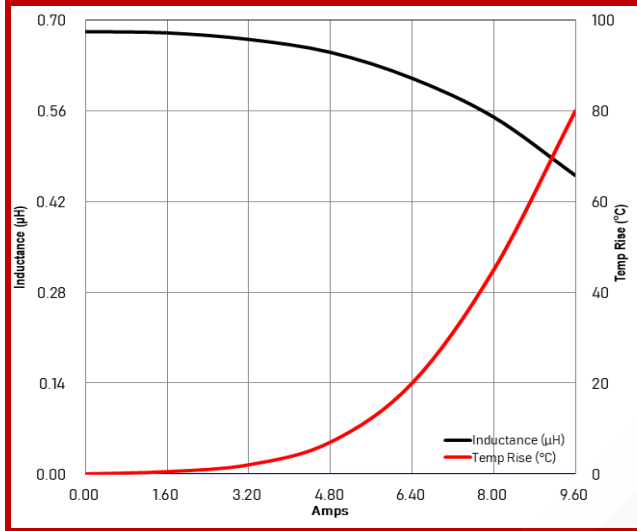




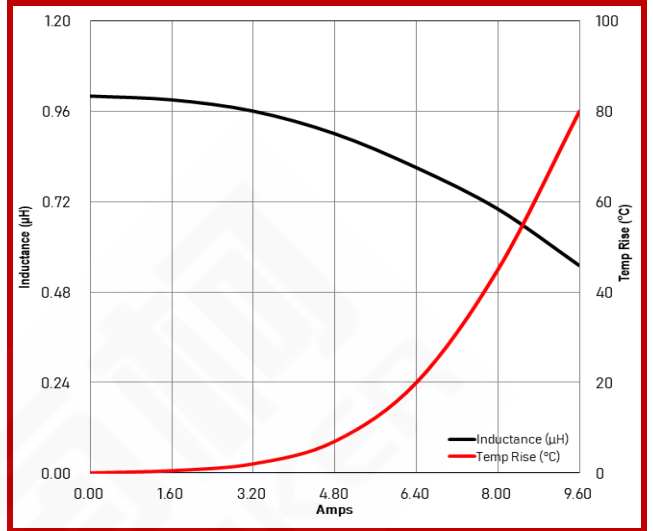
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

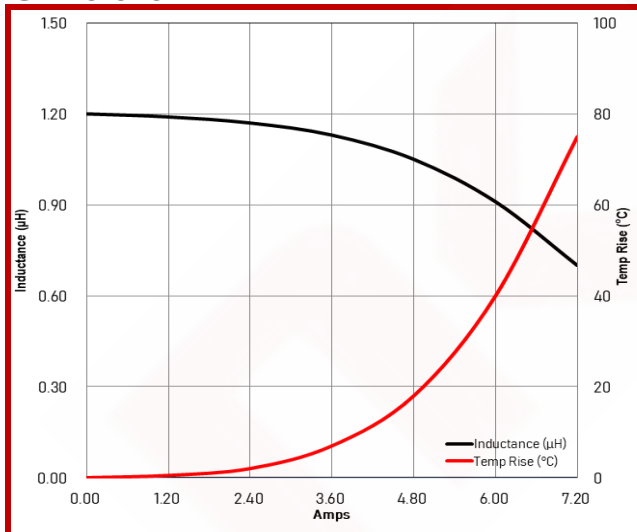
SPI19-0402-R68M



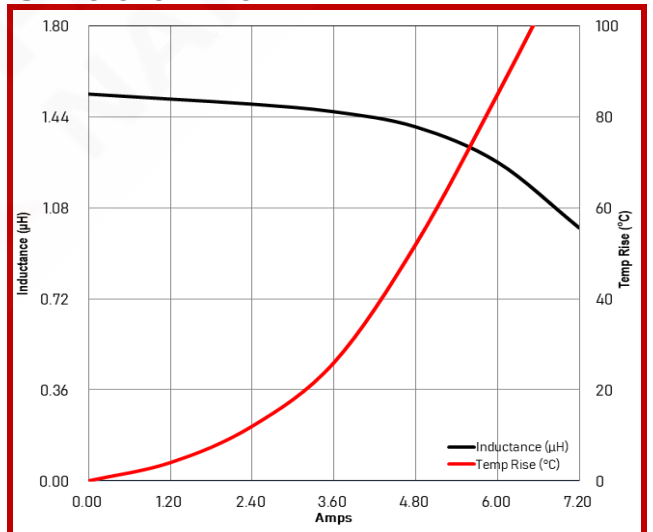
SPI19-0402-1R0M



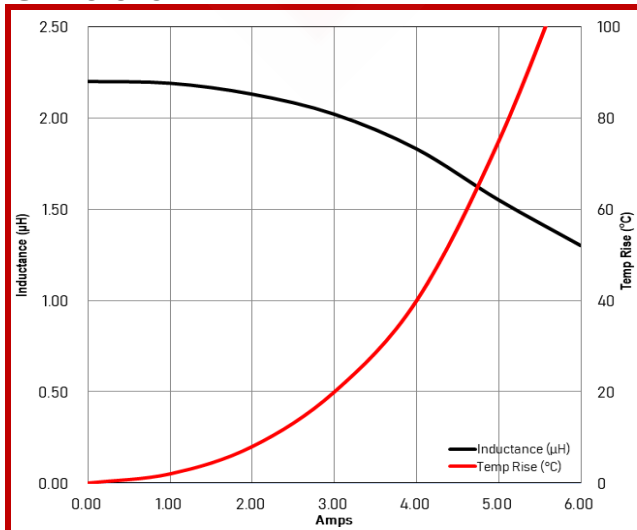
SPI19-0402-1R2M



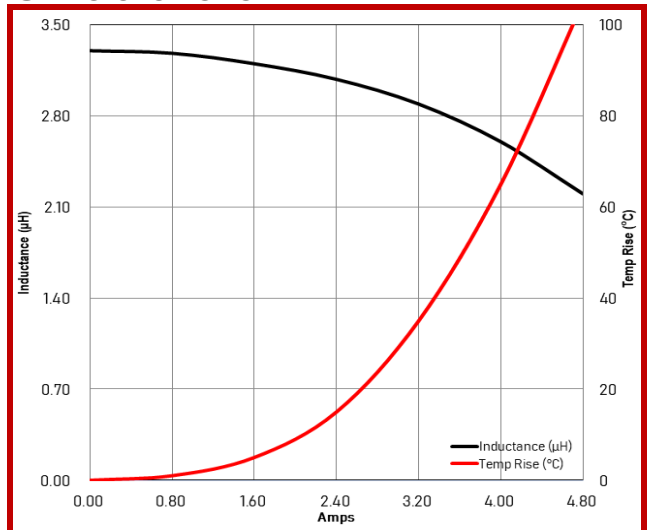
SPI19-0402-1R5M

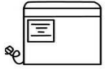


SPI19-0402-2R2M



SPI19-0402-3R3M

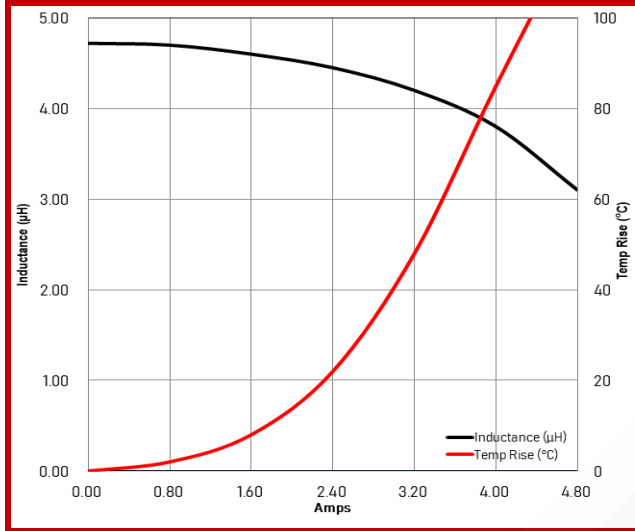




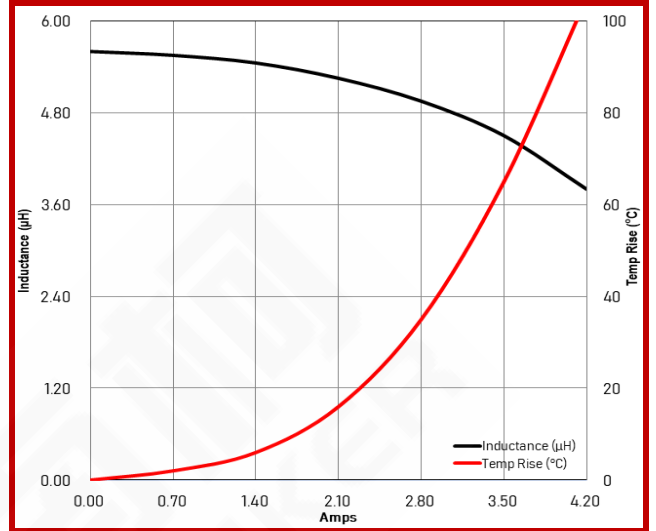
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

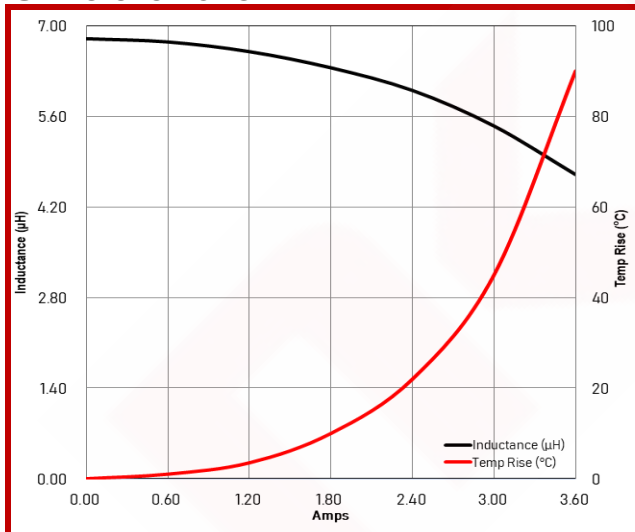
SPI19-0402-4R7M



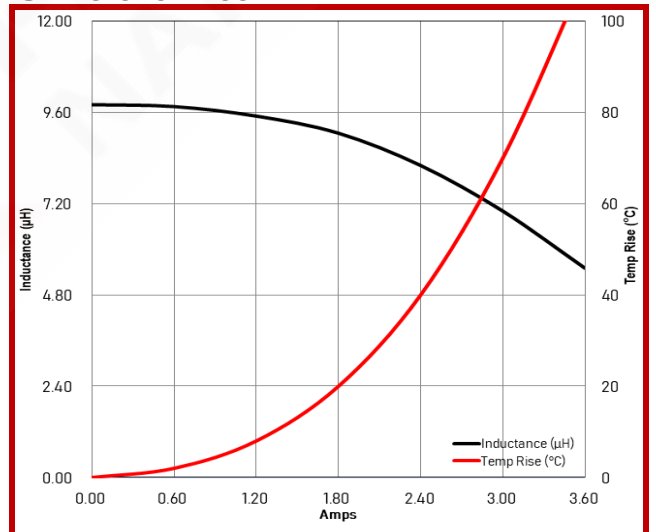
SPI19-0402-5R6M



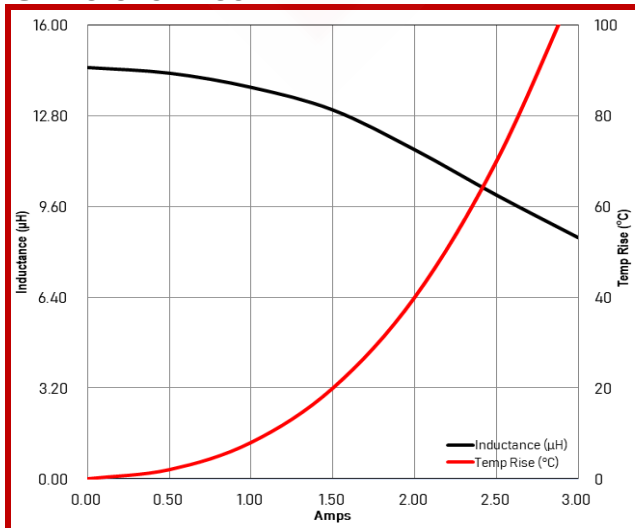
SPI19-0402-6R8M



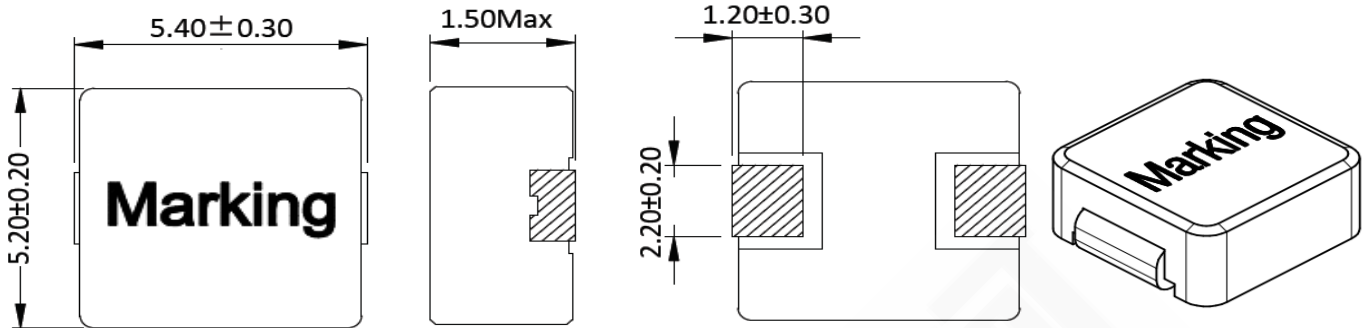
SPI19-0402-100M



SPI19-0402-150M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

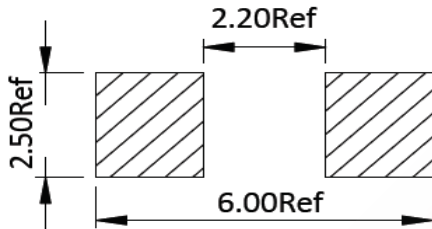


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0515-R12M	0.12 ±20%	18.00	3.70	29.00	100.00	3,000
SPI19-0515-R22M	0.22 ±20%	16.00	4.40	20.00		3,000
SPI19-0515-R47M	0.47 ±20%	10.00	12.70	15.00		3,000
SPI19-0515-R68M	0.68 ±20%	9.00	15.50	11.20		3,000
SPI19-0515-1R0M	1.00 ±20%	6.50	23.00	10.00		3,000
SPI19-0515-1R2M	1.20 ±20%	5.30	33.70	8.00		3,000
SPI19-0515-2R2M	2.20 ±20%	5.00	52.00	7.00		3,000
SPI19-0515-3R3M	3.30 ±20%	3.50	72.00	5.10		3,000
SPI19-0515-4R7M	4.70 ±20%	3.10	100.00	4.20		3,000
SPI19-0515-100M	10.00 ±20%	2.10	170.00	3.10		3,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

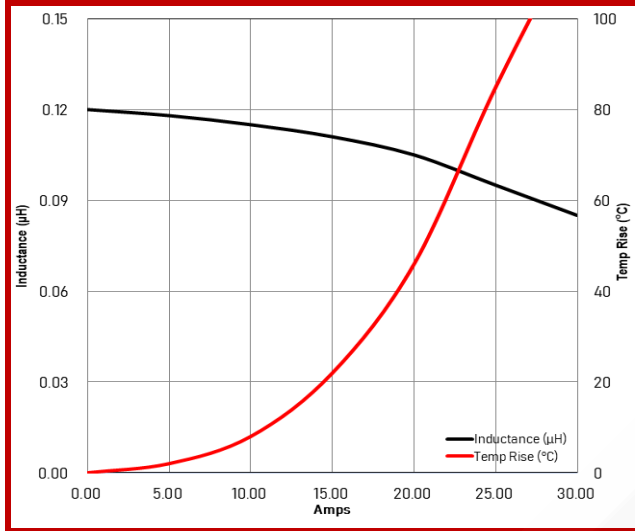
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



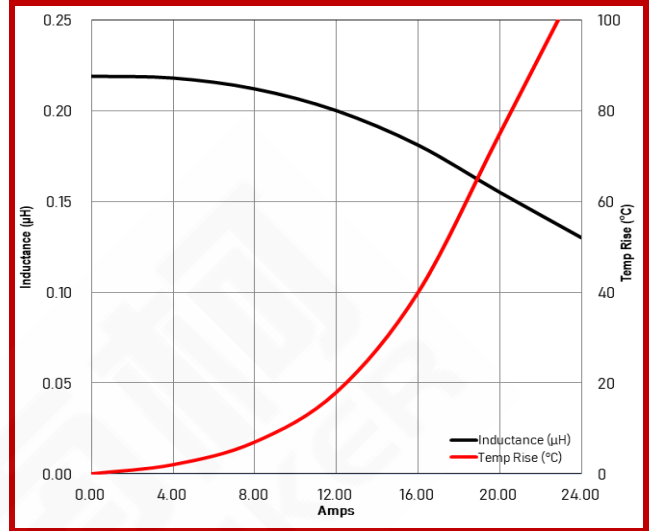
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

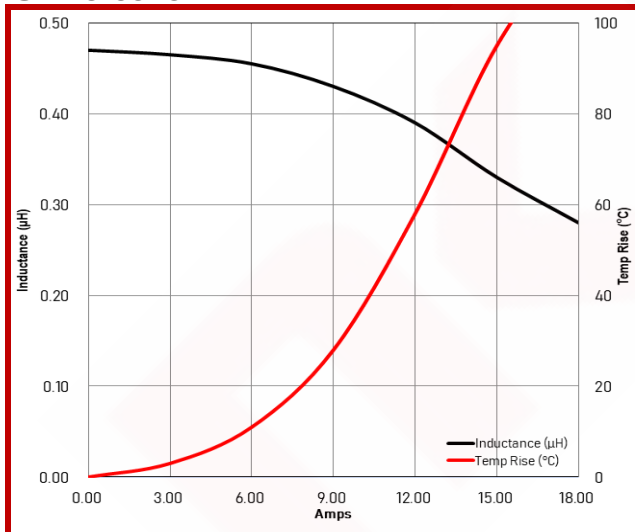
SPI19-0515-R12M



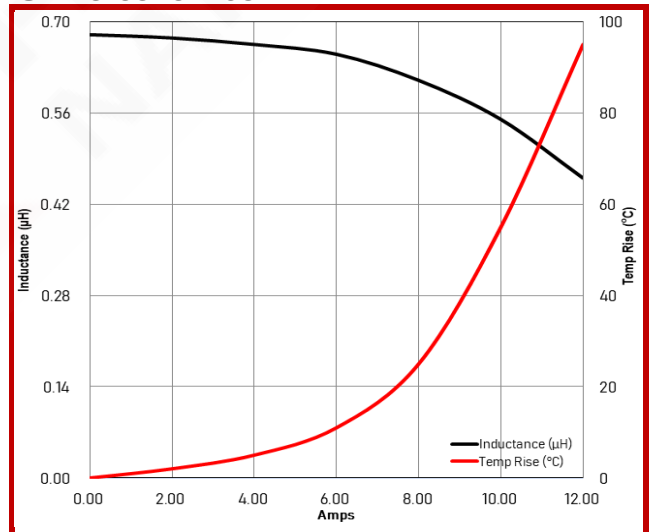
SPI19-0515-R22M



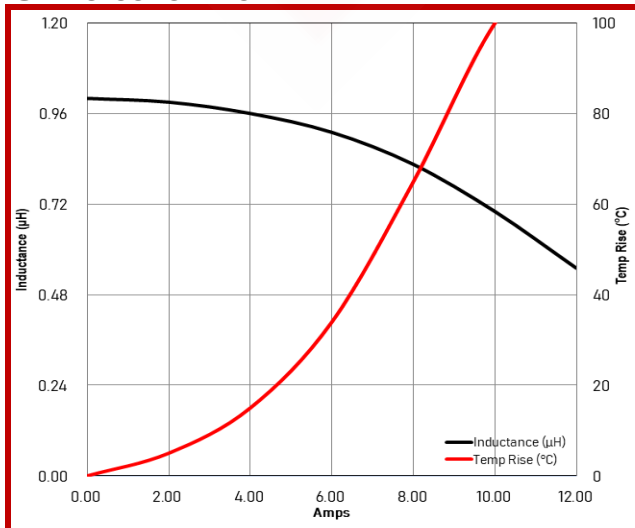
SPI19-0515-R47M



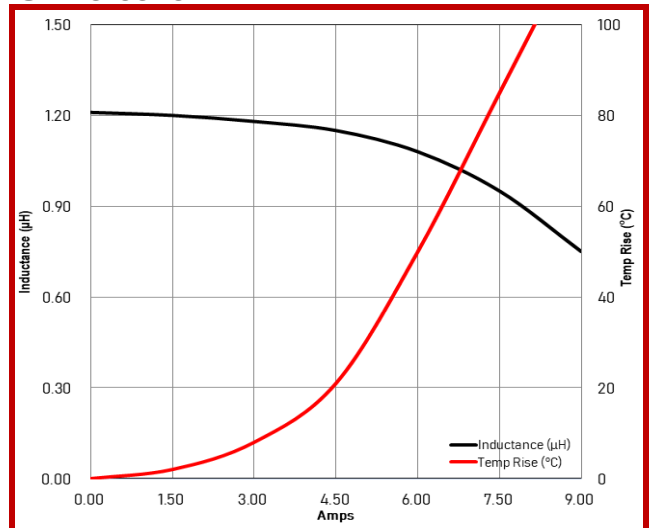
SPI19-0515-R68M

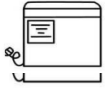


SPI19-0515-1R0M



SPI19-0515-1R2M

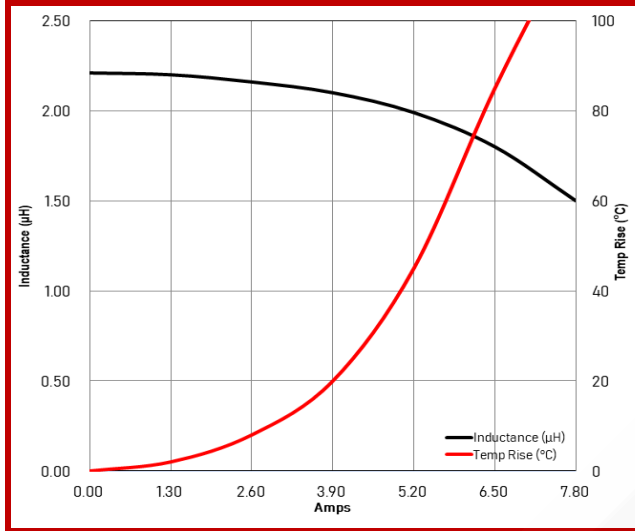




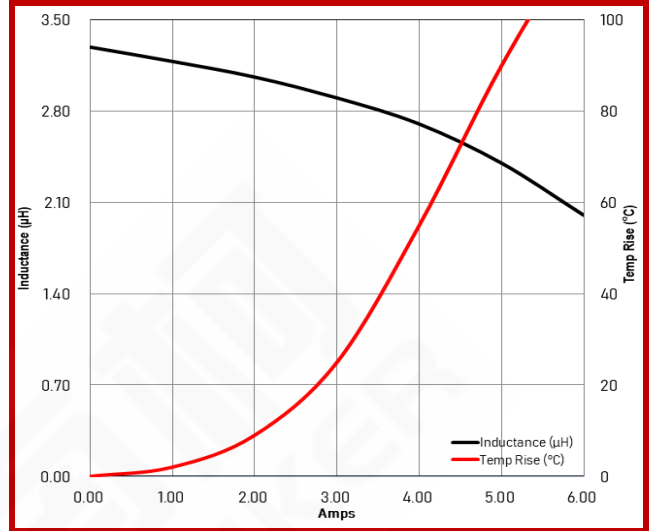
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

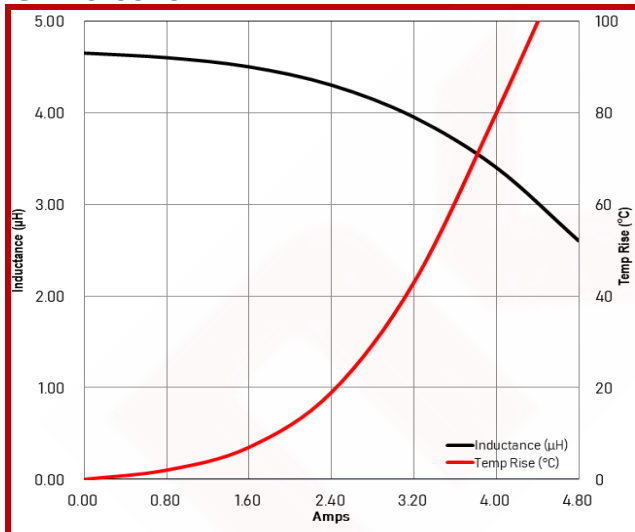
SPI19-0515-2R2M



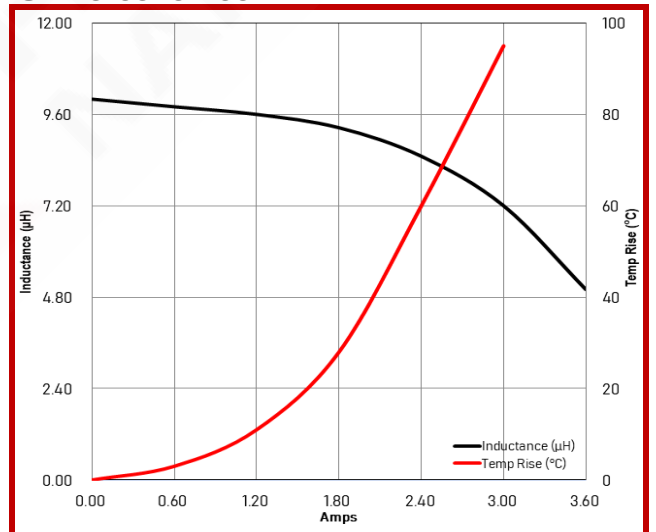
SPI19-0515-3R3M



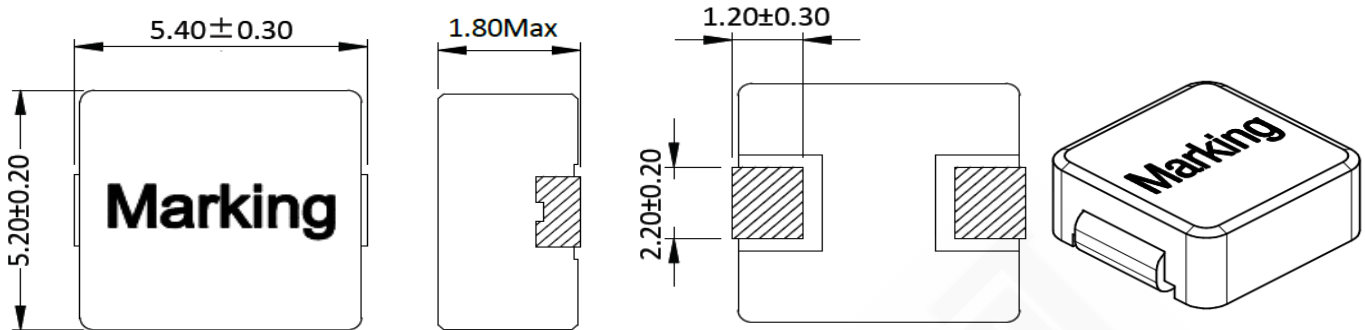
SPI19-0515-4R7M



SPI19-0515-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

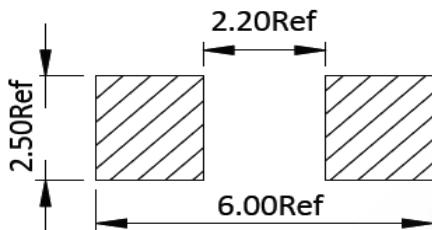


示意图 Schematics



电性特性 Electrical Properties

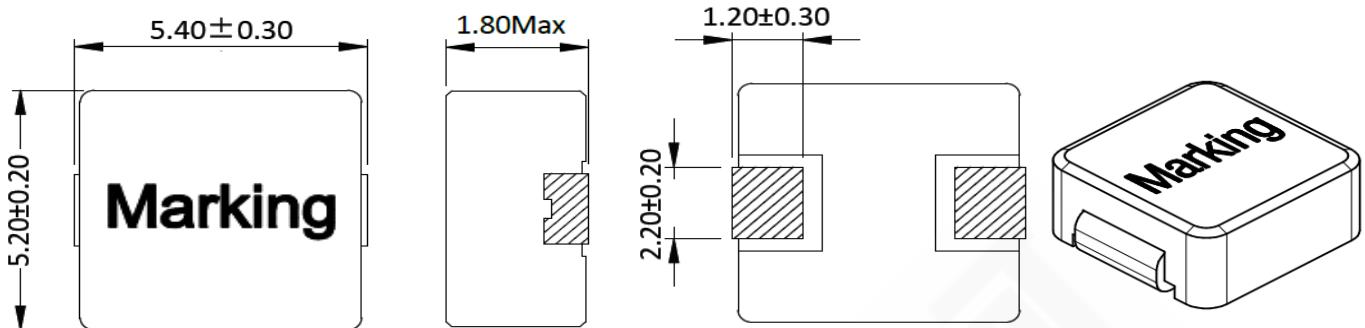
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0518-R33M	0.33 ±20%	12.50	7.20	16.00	100.00	3,000
SPI19-0518-R47M	0.47 ±20%	10.50	9.00	15.50		3,000
SPI19-0518-R56M	0.56 ±20%	9.50	9.60	15.00		3,000
SPI19-0518-R68M	0.68 ±20%	9.00	13.00	13.00		3,000
SPI19-0518-R82M	0.82 ±20%	8.50	16.00	11.00		3,000
SPI19-0518-1R0M	1.00 ±20%	8.00	19.00	9.00		3,000
SPI19-0518-1R5M	1.50 ±20%	7.50	30.00	8.50		3,000

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

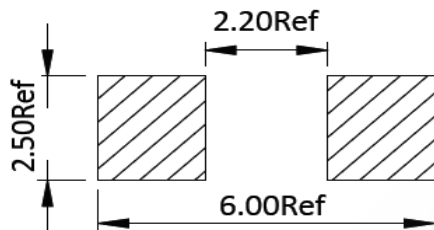


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0518-2R2M	2.20 ±20%	5.00	35.00	6.50	100.00	3,000
SPI19-0518-3R3M	3.30 ±20%	4.50	60.00	5.00		3,000
SPI19-0518-4R7M	4.70 ±20%	3.50	90.00	4.00		3,000
SPI19-0518-5R6M	5.60 ±20%	3.00	110.00	3.70		3,000
SPI19-0518-6R8M	6.80 ±20%	2.80	120.00	3.40		3,000
SPI19-0518-8R2M	8.20 ±20%	2.60	145.00	3.20		3,000
SPI19-0518-100M	10.00 ±20%	2.50	160.00	3.00		3,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

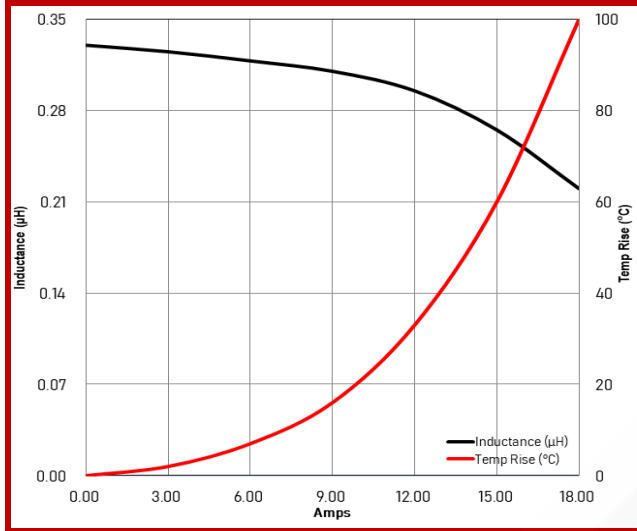
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



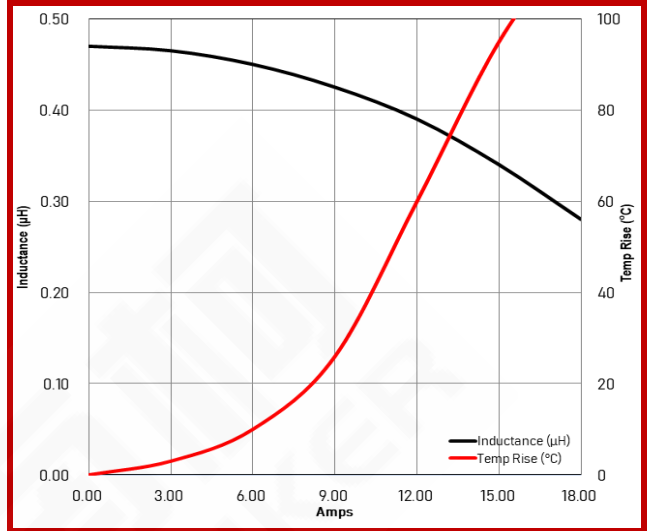
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

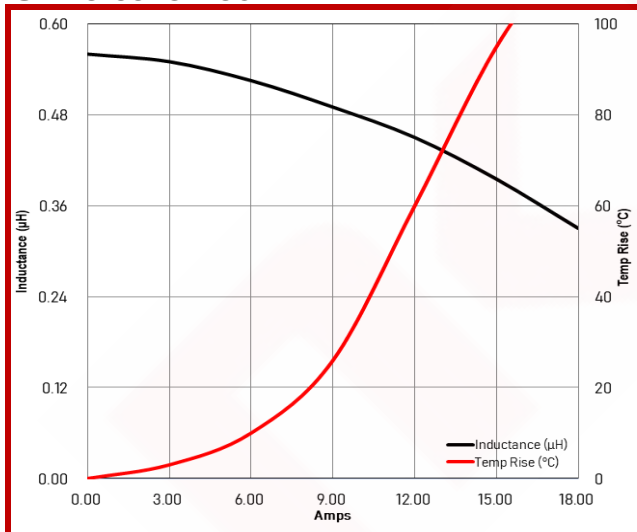
SPI19-0518-R33M



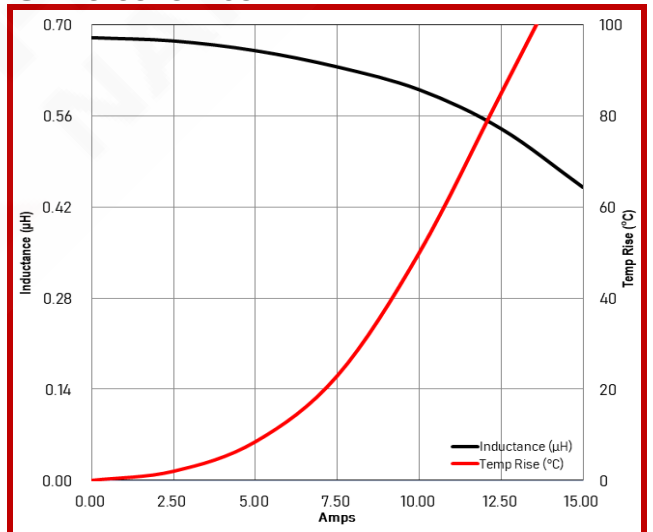
SPI19-0518-R47M



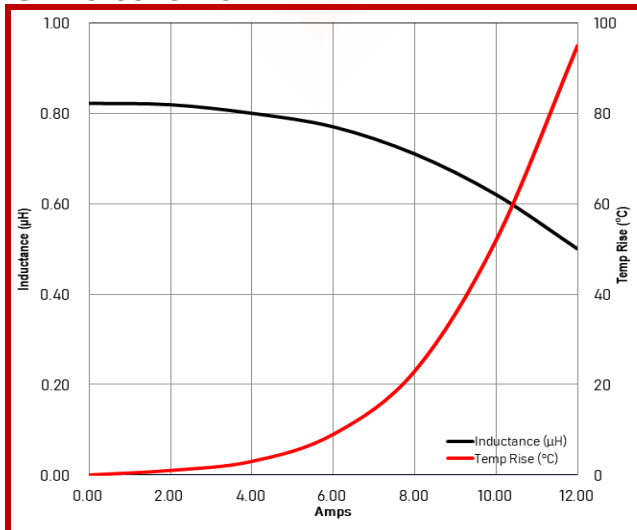
SPI19-0518-R56M



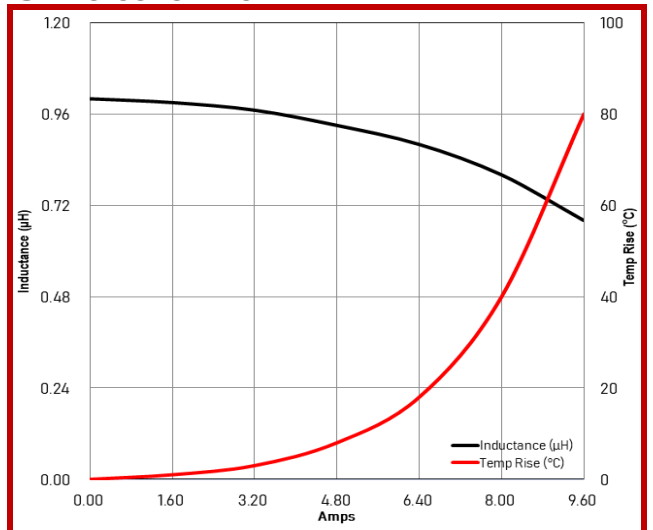
SPI19-0518-R68M

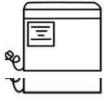


SPI19-0518-R82M



SPI19-0518-1R0M

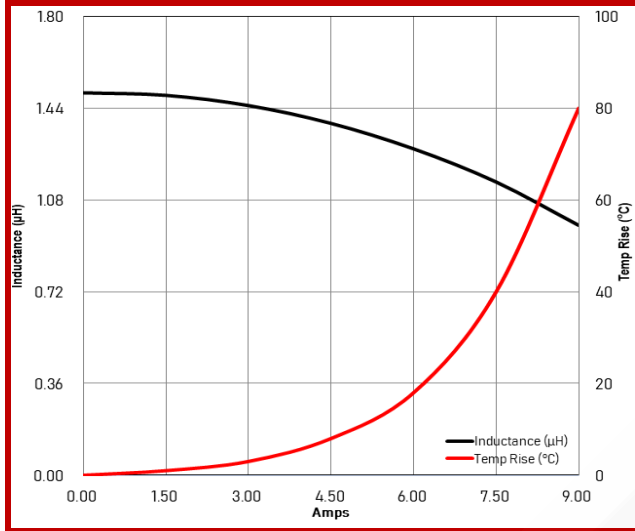




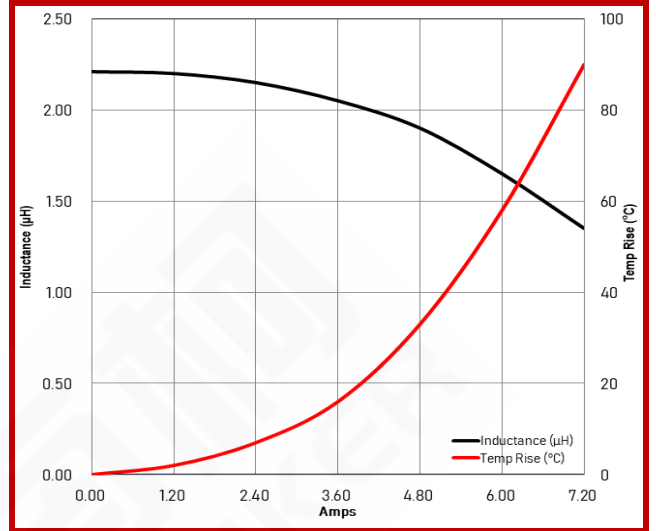
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

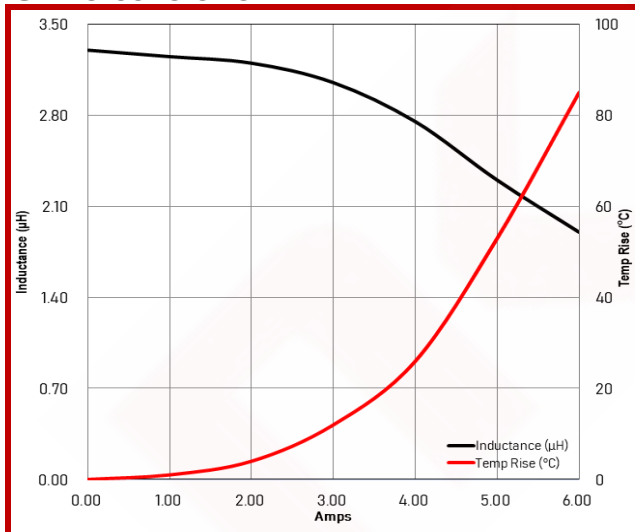
SPI19-0518-1R5M



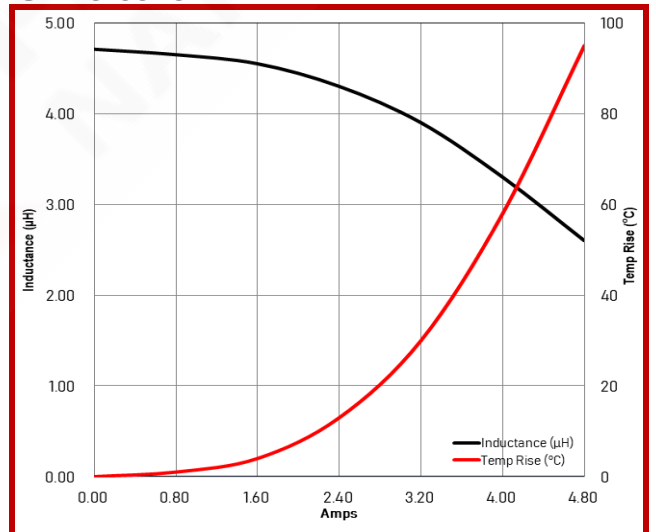
SPI19-0518-2R2M



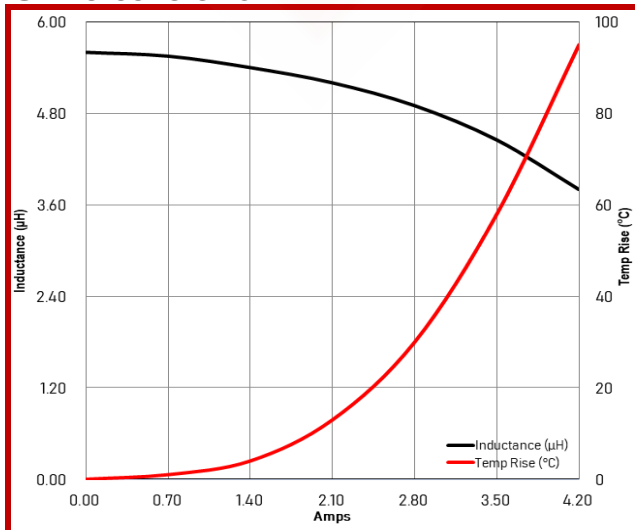
SPI19-0518-3R3M



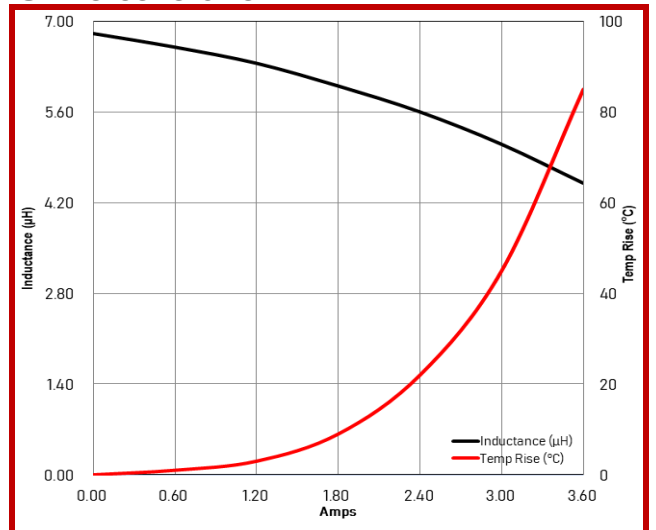
SPI19-0518-4R7M



SPI19-0518-5R6M



SPI19-0518-6R8M

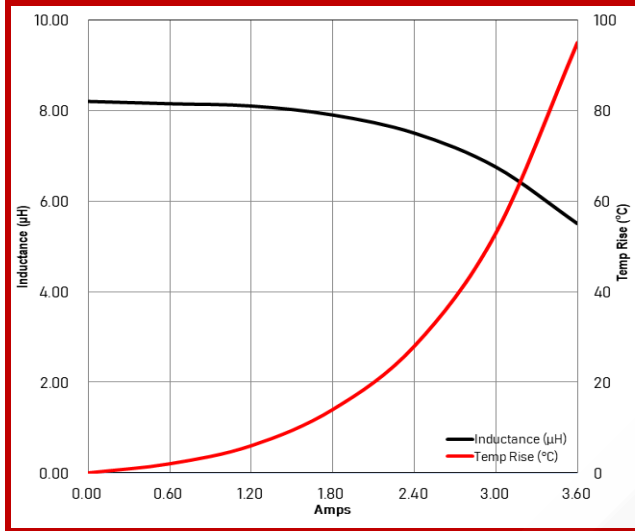




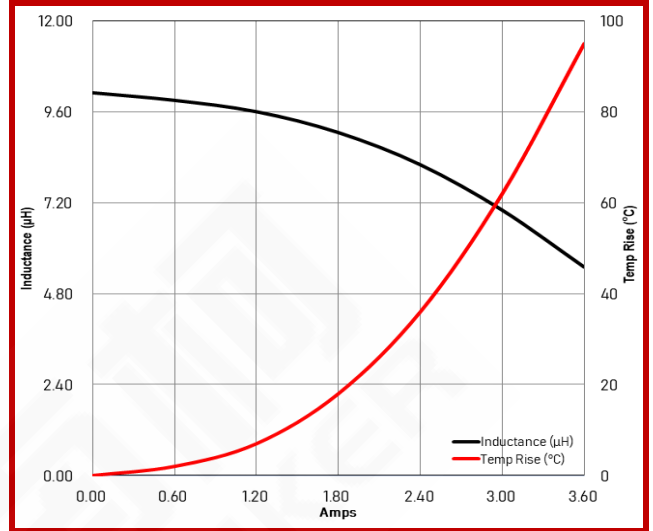
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

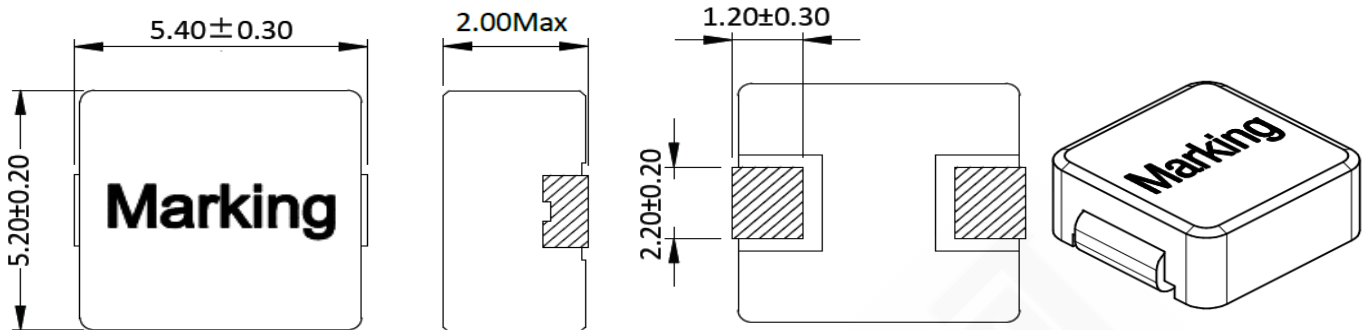
SPI19-0518-8R2M



SPI19-0518-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

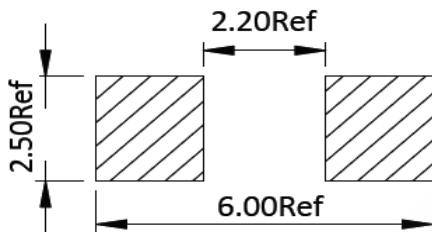


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0520-R47M	0.47 ±20%	10.50	9.00	15.50	100.00	3,000
SPI19-0520-R56M	0.56 ±20%	9.50	9.50	15.00		3,000
SPI19-0520-R68M	0.68 ±20%	8.80	11.50	13.50		3,000
SPI19-0520-R82M	0.82 ±20%	8.30	15.00	11.50		3,000
SPI19-0520-1R0M	1.00 ±20%	8.00	18.00	10.00		3,000
SPI19-0520-1R5M	1.50 ±20%	7.50	25.00	8.50		3,000
SPI19-0520-2R2M	2.20 ±20%	5.00	35.00	7.50		3,000
SPI19-0520-3R3M	3.30 ±20%	4.50	51.00	5.00		3,000
SPI19-0520-4R7M	4.70 ±20%	3.50	82.00	4.00		3,000
SPI19-0520-5R6M	5.60 ±20%	3.00	113.00	3.80		3,000
SPI19-0520-6R8M	6.80 ±20%	2.80	120.00	3.40		3,000
SPI19-0520-100M	10.00 ±20%	2.50	182.00	3.00		3,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

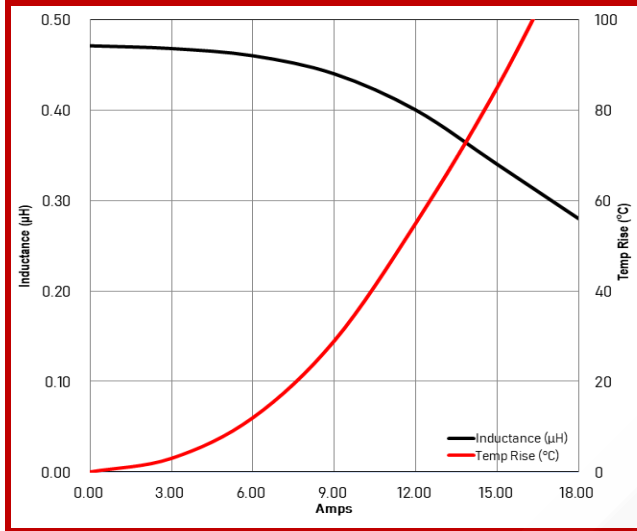
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



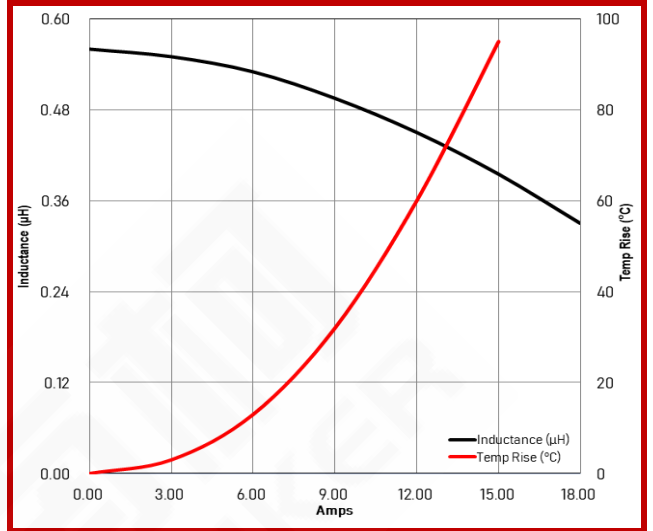
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

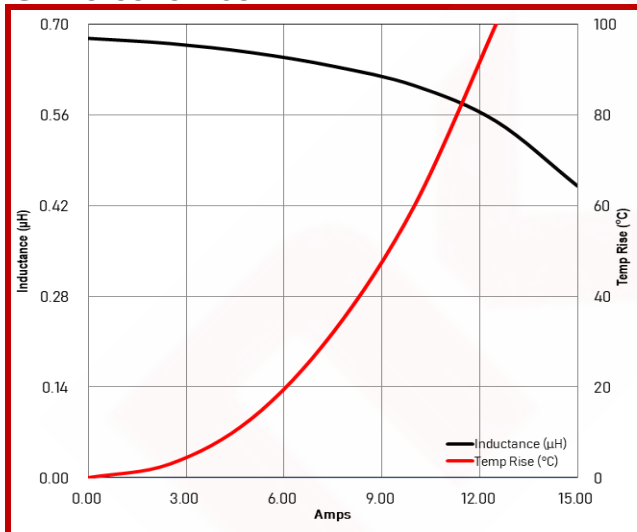
SPI19-0520-R47M



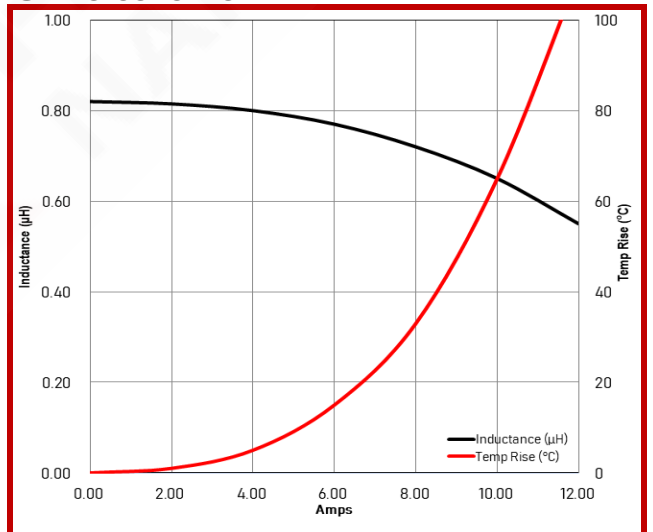
SPI19-0520-R56M



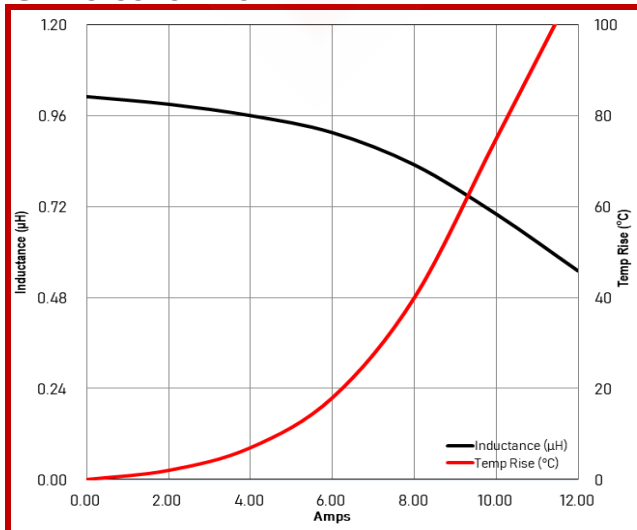
SPI19-0520-R68M



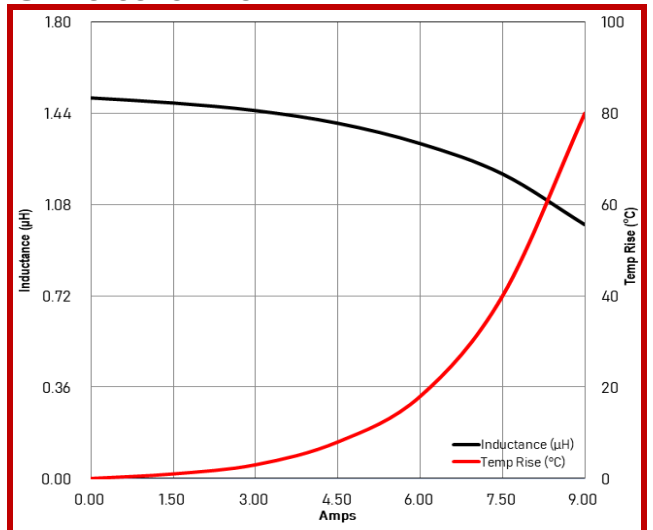
SPI19-0520-R82M



SPI19-0520-1R0M



SPI19-0520-1R5M

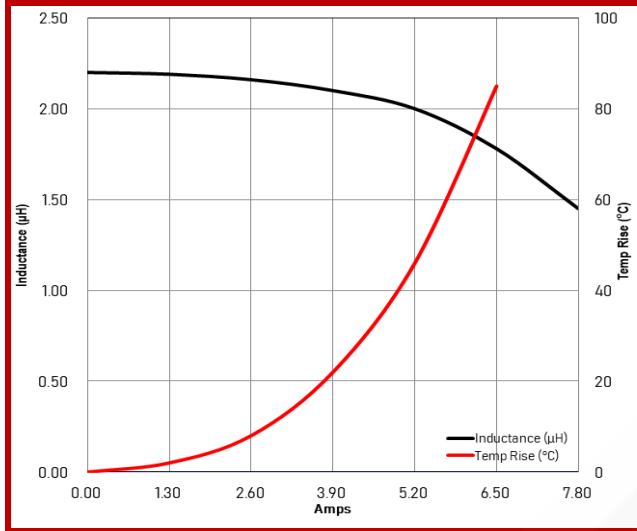




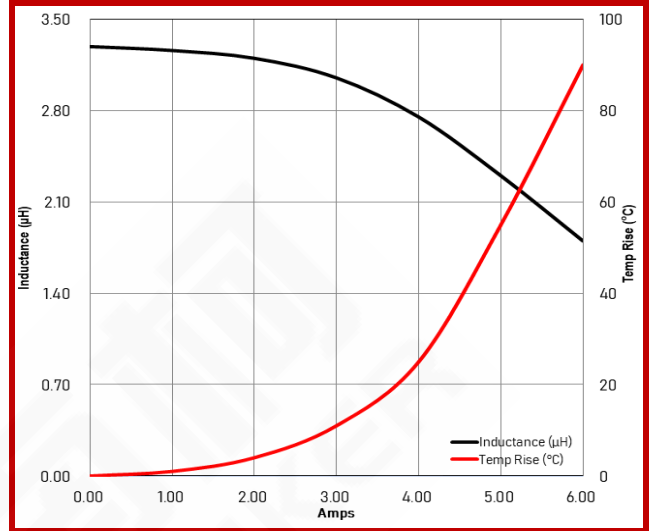
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

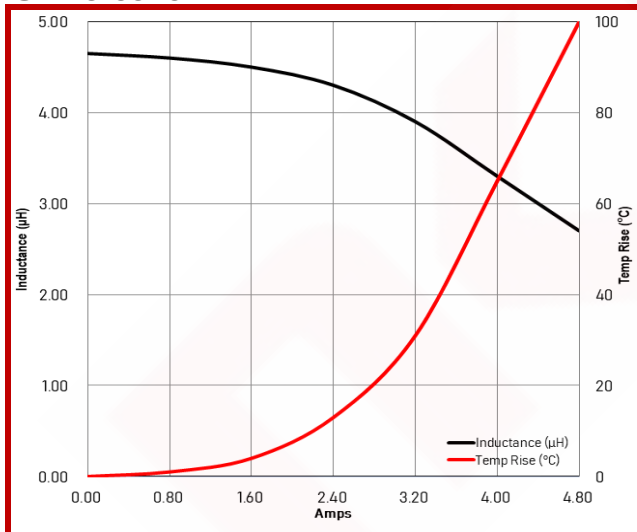
SPI19-0520-2R2M



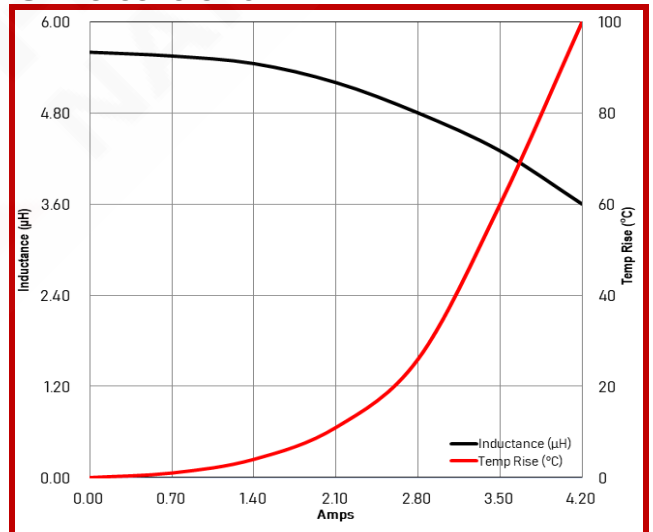
SPI19-0520-3R3M



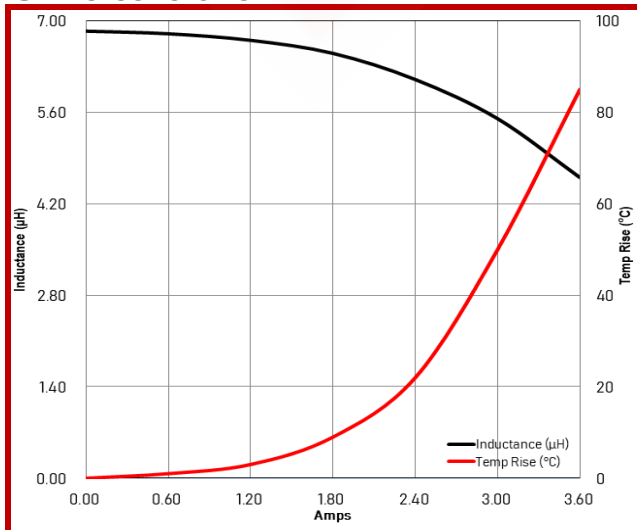
SPI19-0520-4R7M



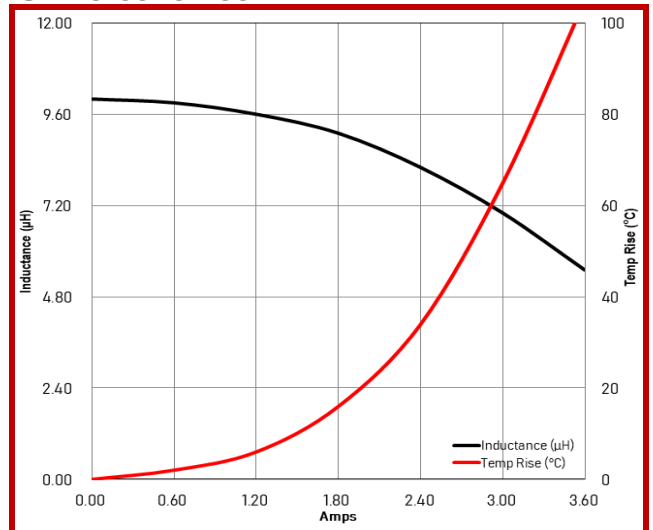
SPI19-0520-5R6M



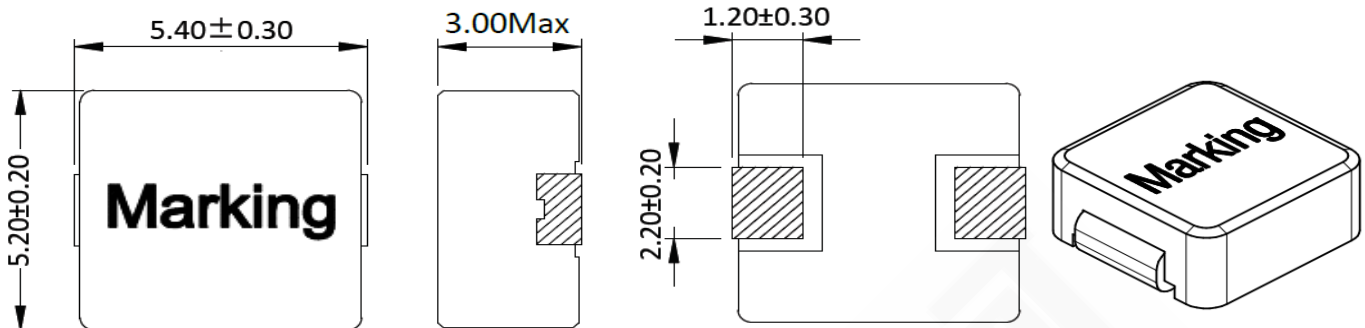
SPI19-0520-6R8M



SPI19-0520-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

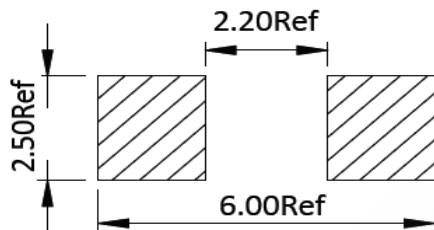


示意图 Schematics



电性特性 Electrical Properties

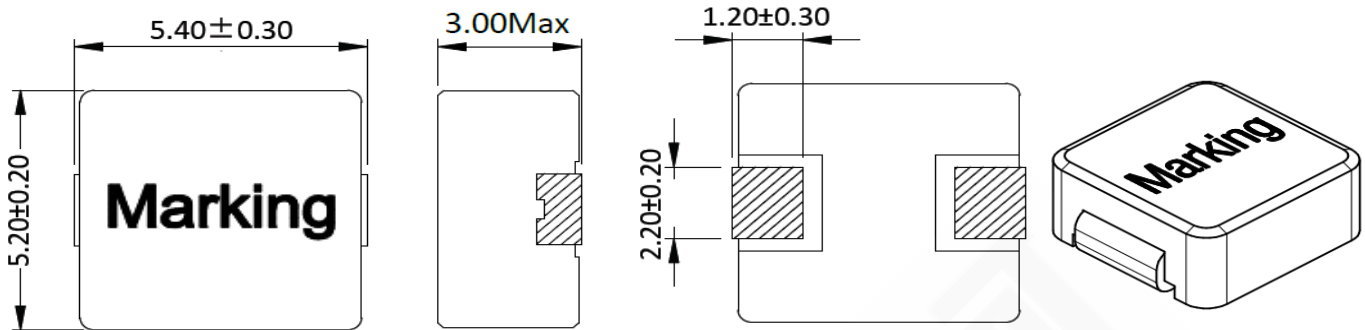
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0530-R22M	0.22 ±20%	15.50	4.50	18.50	100.00	2,000
SPI19-0530-R47M	0.47 ±20%	14.00	7.00	16.50		2,000
SPI19-0530-R68M	0.68 ±20%	13.00	8.50	15.00		2,000
SPI19-0530-R82M	0.82 ±20%	11.00	10.00	13.20		2,000
SPI19-0530-1R0M	1.00 ±20%	10.20	15.00	12.00		2,000
SPI19-0530-1R5M	1.50 ±20%	9.40	18.50	11.00		2,000
SPI19-0530-2R2M	2.20 ±20%	8.50	23.00	10.00		2,000
SPI19-0530-3R3M	3.30 ±20%	6.60	28.00	7.80		2,000

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

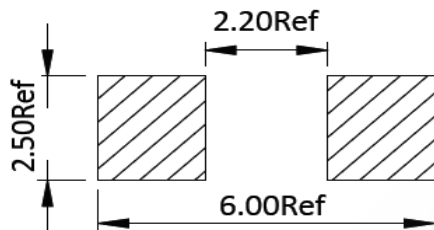


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0530-4R7M	4.70 ±20%	5.60	45.00	6.60	100.00	2,000
SPI19-0530-5R6M	5.60 ±20%	4.70	62.00	5.50		2,000
SPI19-0530-6R8M	6.80 ±20%	3.80	87.00	4.50		2,000
SPI19-0530-8R2M	8.20 ±20%	3.40	101.00	4.00		2,000
SPI19-0530-100M	10.00 ±20%	3.20	118.00	3.80		2,000
SPI19-0530-150M	15.00 ±20%	2.80	166.00	3.30		2,000
SPI19-0530-220M	22.00 ±20%	2.40	224.00	2.80		2,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

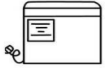
Inductance measure condition at 100 kHz/ 1.0V

☆ 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

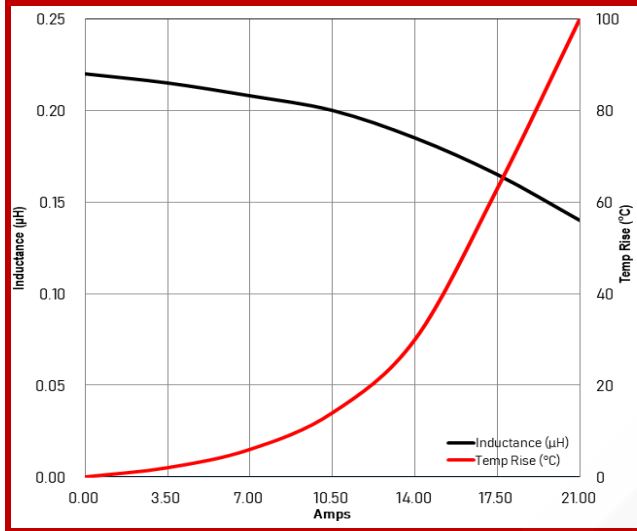
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



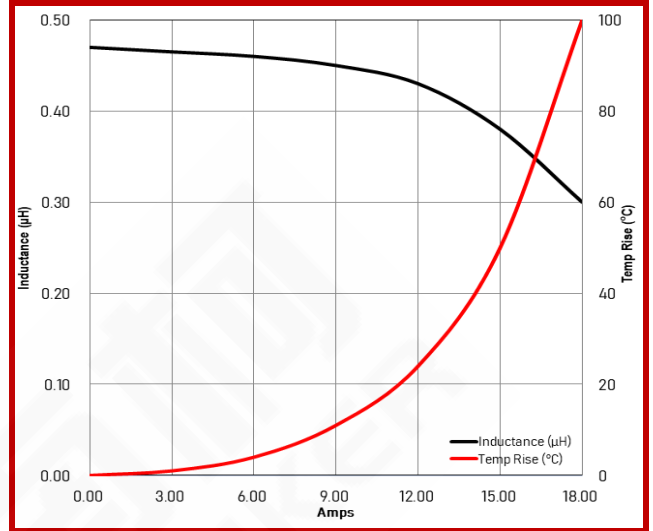
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

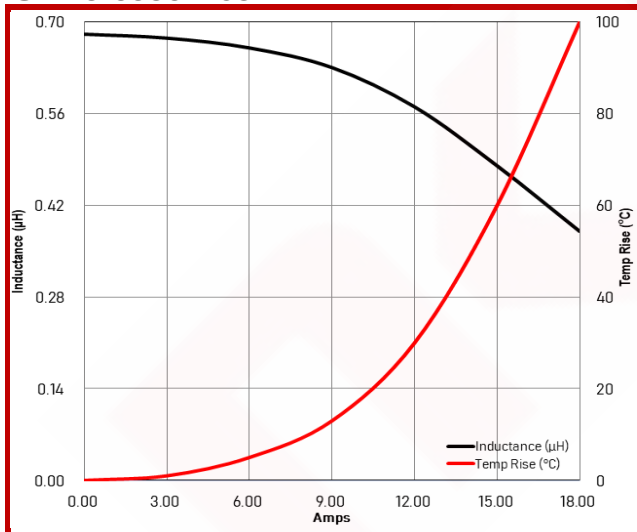
SPI19-0530-R22M



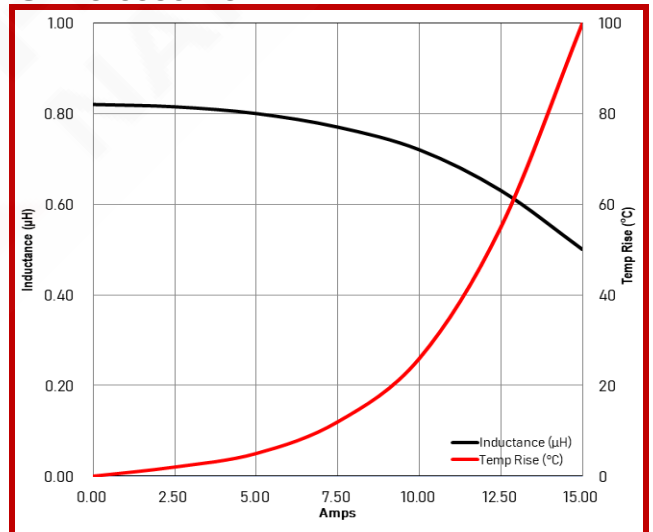
SPI19-0530-R47M



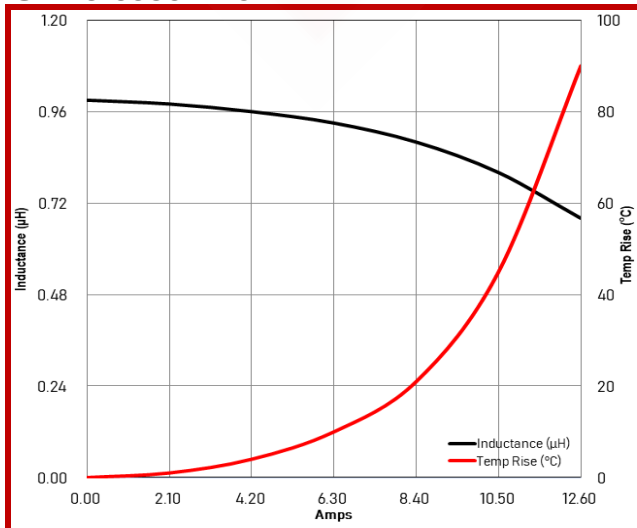
SPI19-0530-R68M



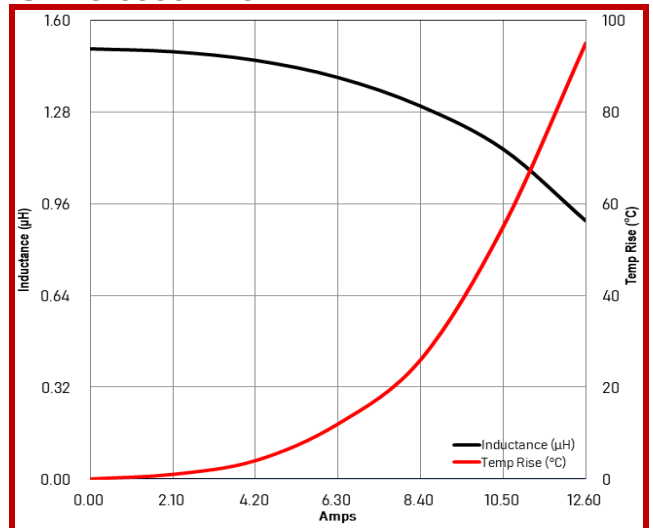
SPI19-0530-R82M



SPI19-0530-1R0M



SPI19-0530-1R5M

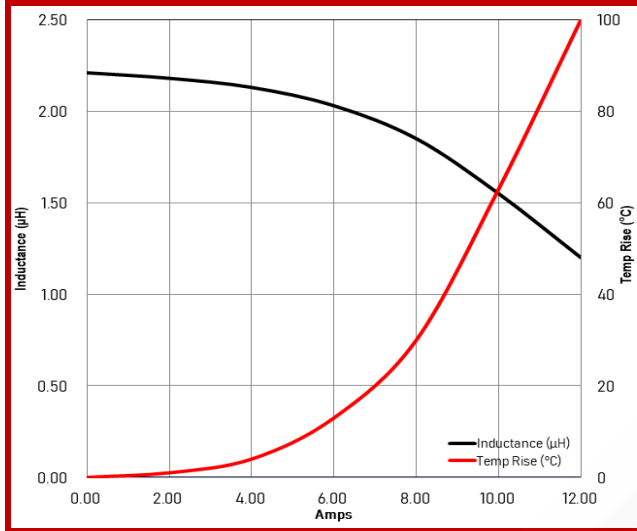




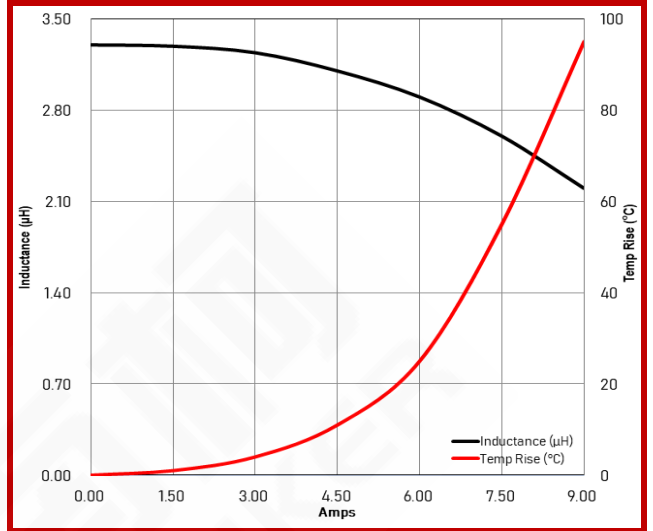
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

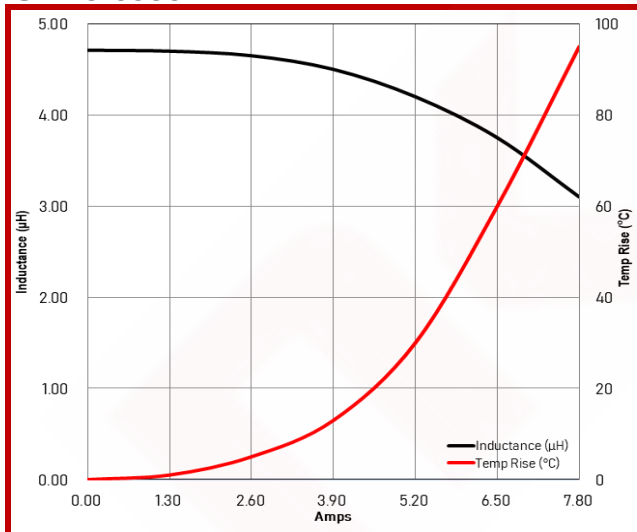
SPI19-0530-2R2M



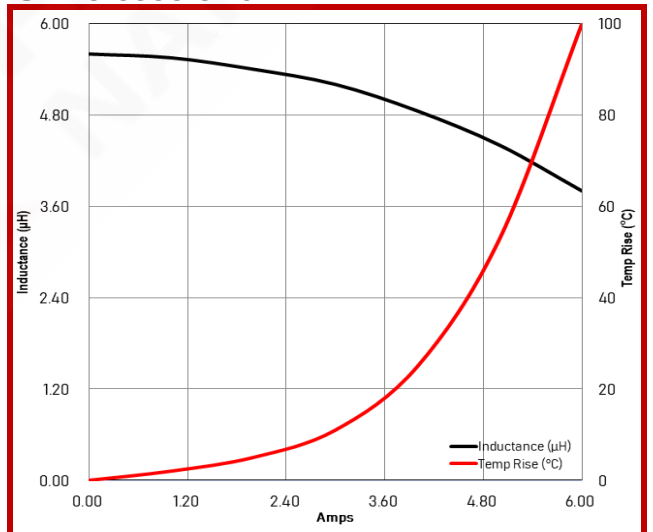
SPI19-0530-3R3M



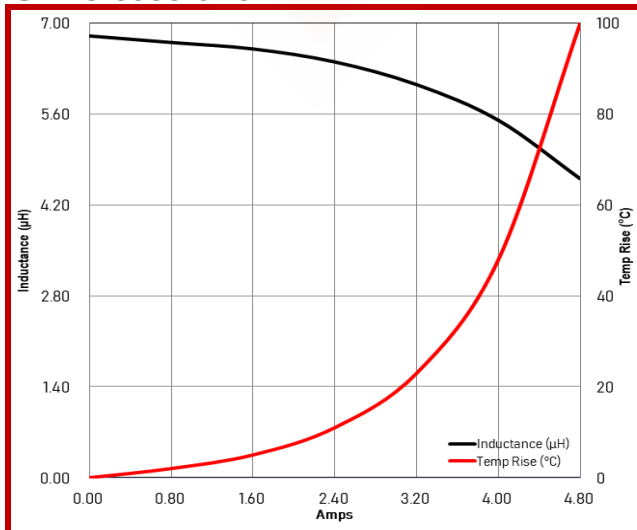
SPI19-0530-4R7M



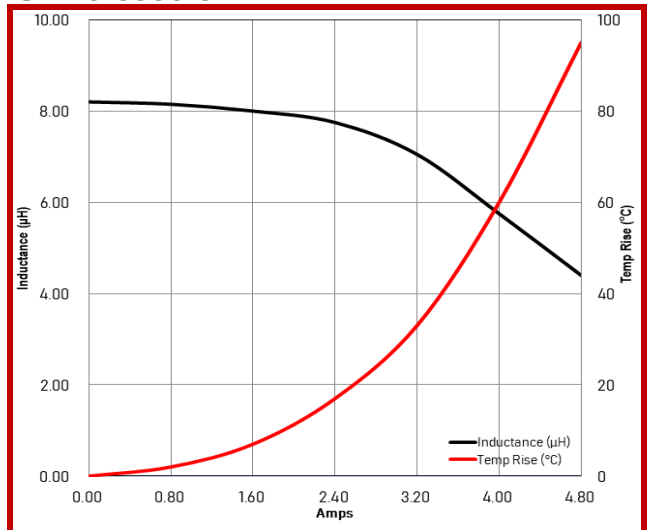
SPI19-0530-5R6M



SPI19-0530-6R8M



SPI19-0530-8R2M

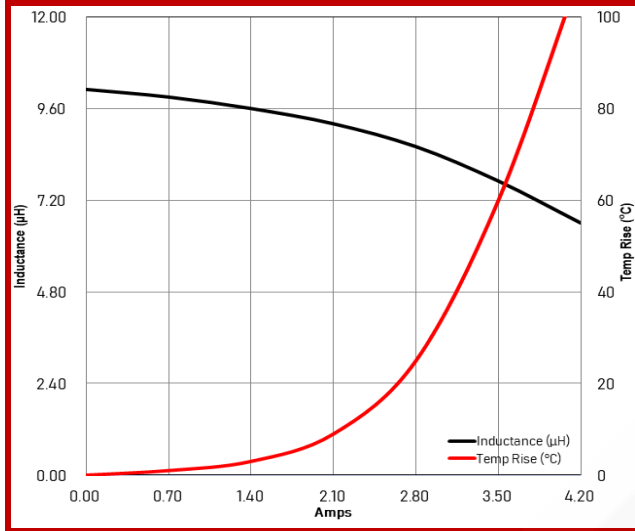




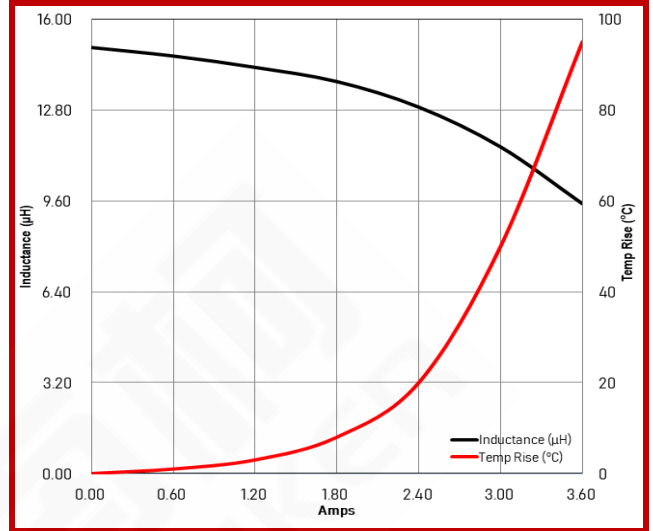
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

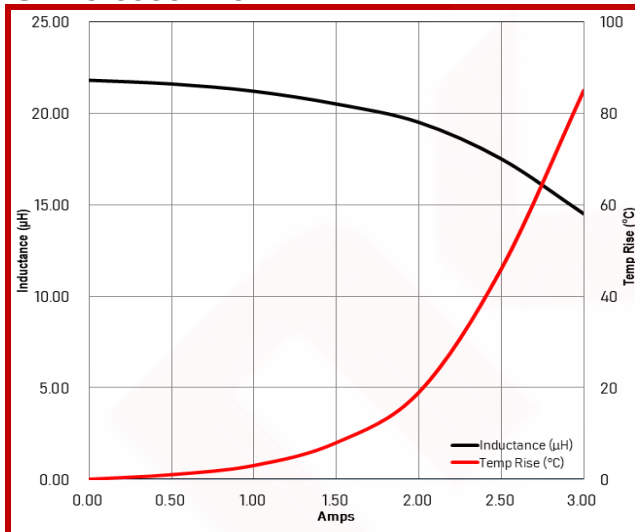
SPI19-0530-100M



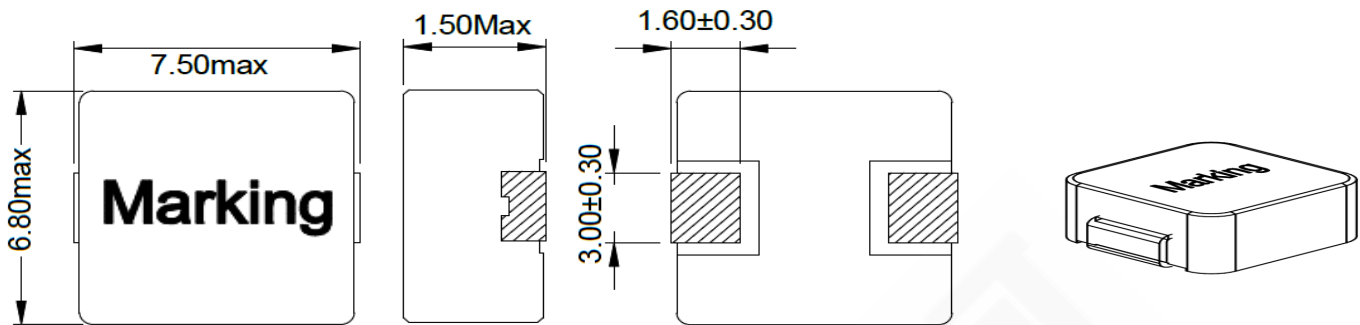
SPI19-0530-150M



SPI19-0530-220M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

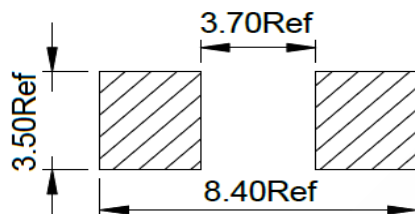


示意图 Schematics



电性特性 Electrical Properties

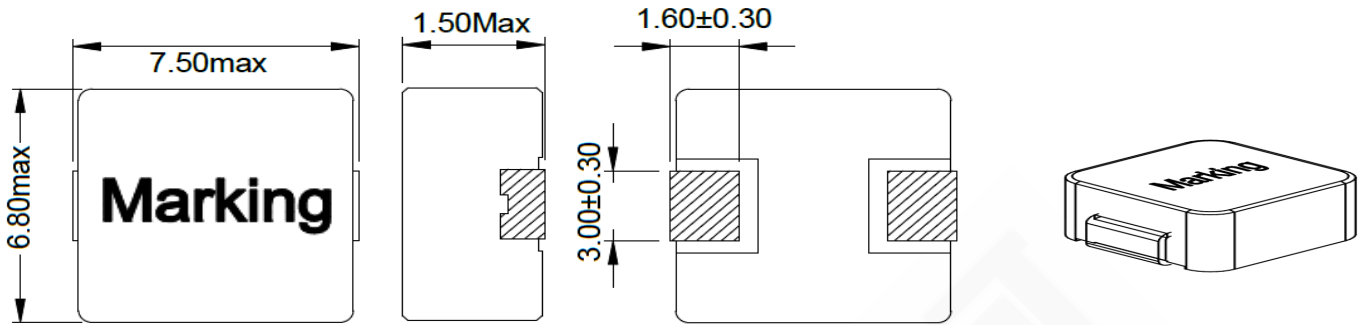
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0715-R10M	0.10 ±20%	19.00	2.80	32.00	100.00	3,000
SPI19-0715-R12M	0.12 ±20%	18.00	3.65	29.00		3,000
SPI19-0715-R15M	0.15 ±20%	17.00	3.80	28.00		3,000
SPI19-0715-R22M	0.22 ±20%	15.00	5.20	24.00		3,000
SPI19-0715-R33M	0.33 ±20%	13.50	6.50	21.00		3,000
SPI19-0715-R47M	0.47 ±20%	13.00	8.50	18.00		3,000
SPI19-0715-R56M	0.56 ±20%	10.00	11.00	15.00		3,000
SPI19-0715-R82M	0.82 ±20%	9.00	17.00	13.00		3,000

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

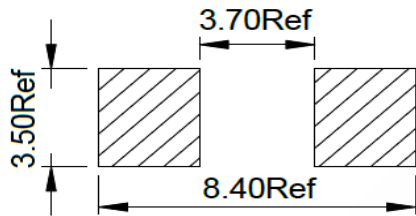


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0715-1R0M	1.00 ±20%	8.20	21.00	12.00	100.00	3,000
SPI19-0715-1R2M	1.20 ±20%	7.50	25.00	10.50		3,000
SPI19-0715-1R5M	1.50 ±20%	7.20	28.00	8.50		3,000
SPI19-0715-2R2M	2.20 ±20%	6.00	42.00	7.20		3,000
SPI19-0715-3R3M	3.30 ±20%	3.80	63.00	6.00		3,000
SPI19-0715-4R7M	4.70 ±20%	3.50	84.00	5.00		3,000
SPI19-0715-6R8M	6.80 ±20%	3.00	135.00	4.50		3,000
SPI19-0715-100M	10.00 ±20%	2.20	175.00	3.50		3,000

测试状态

Test Condition

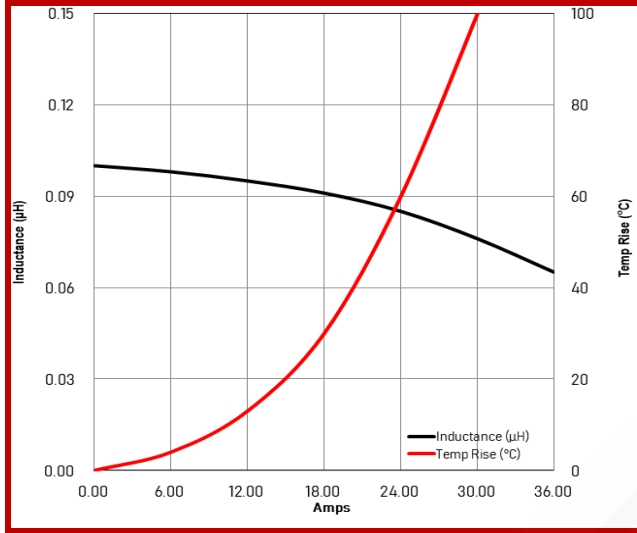
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



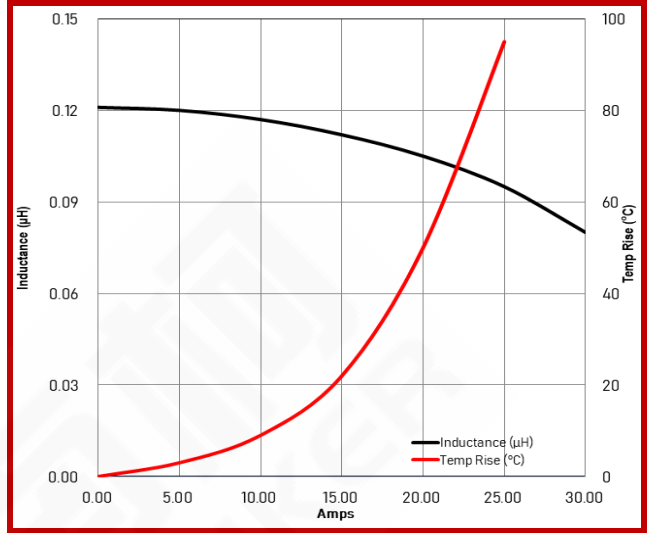
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

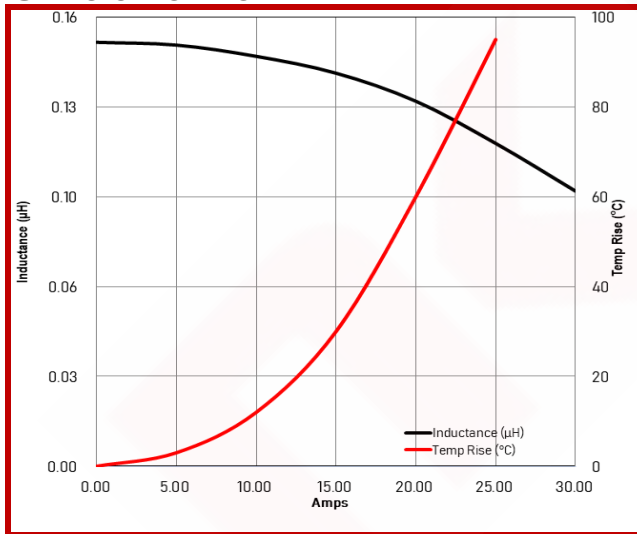
SPI19-0715-R10M



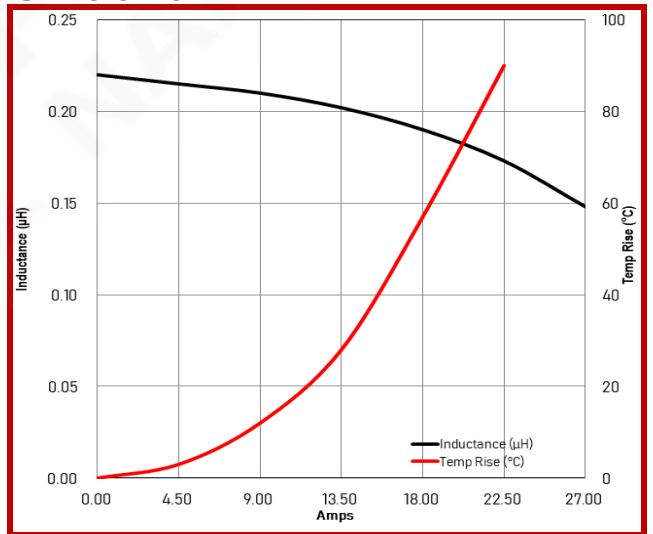
SPI19-0715-R12M



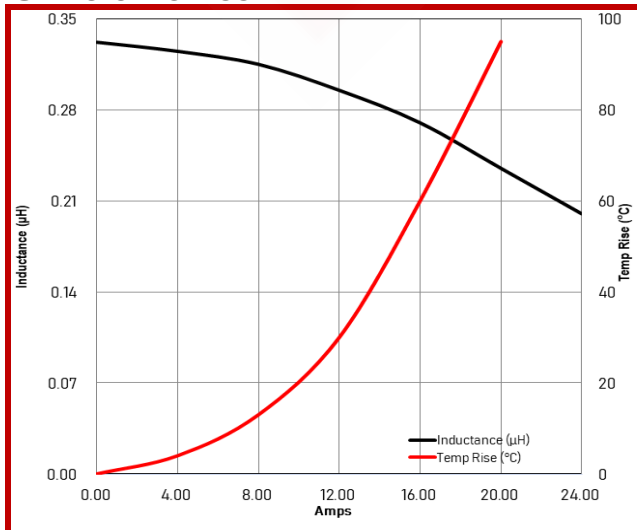
SPI19-0715-R15M



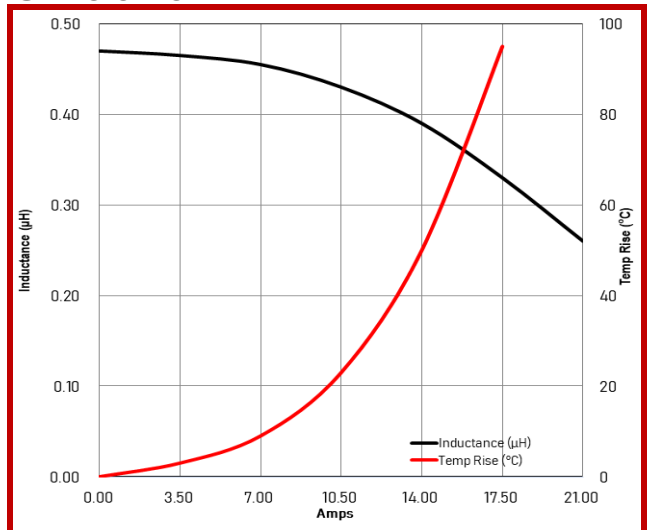
SPI19-0715-R22M



SPI19-0715-R33M



SPI19-0715-R47M

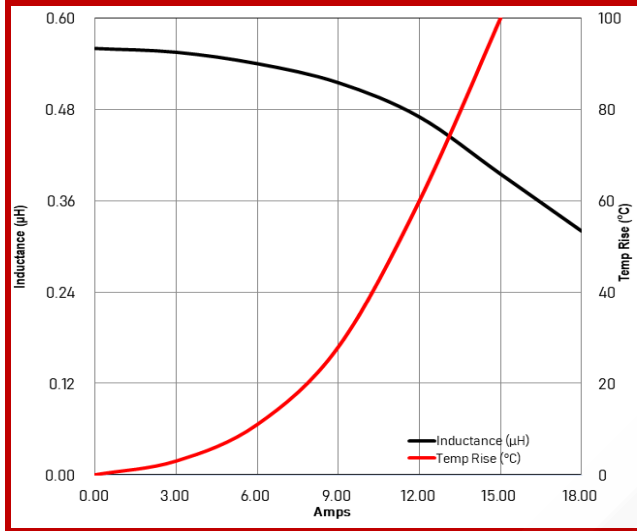




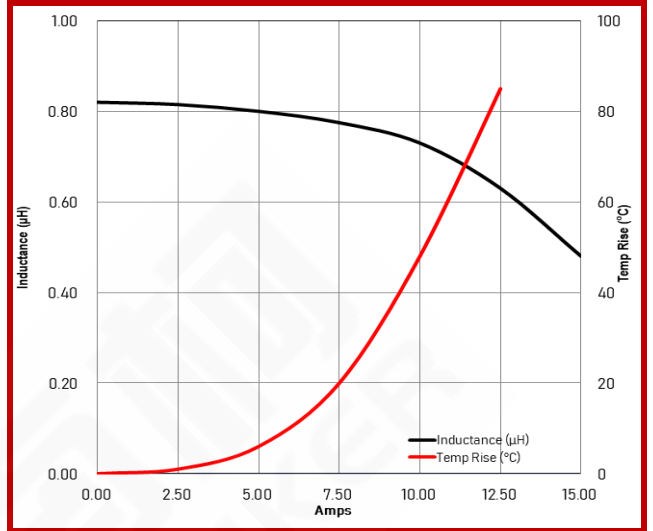
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

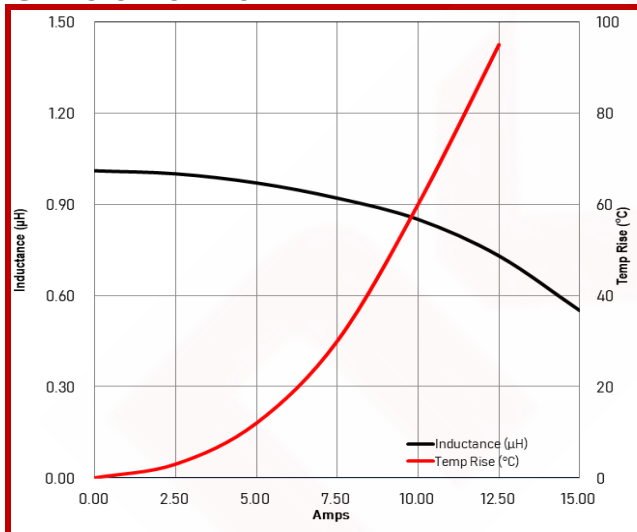
SPI19-0715-R56M



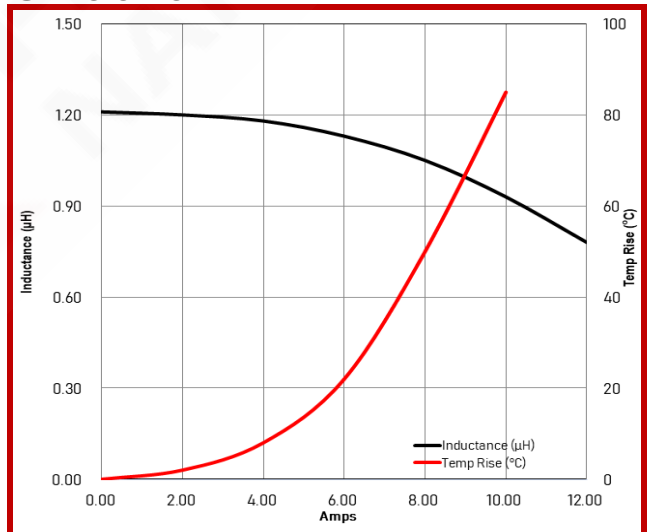
SPI19-0715-R82M



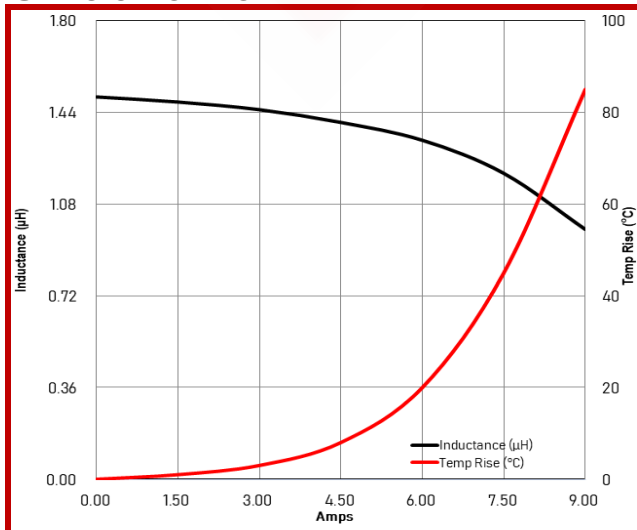
SPI19-0715-1R0M



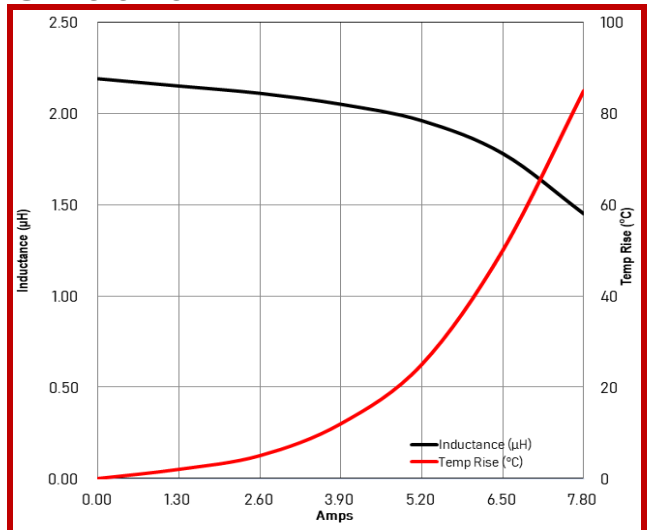
SPI19-0715-1R2M

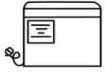


SPI19-0715-1R5M



SPI19-0715-2R2M

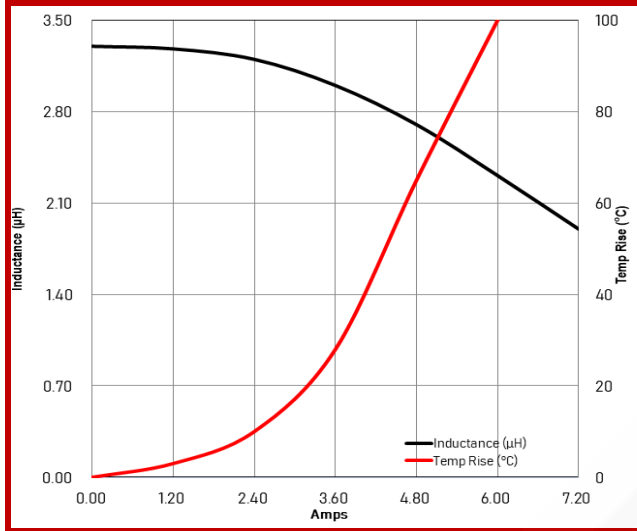




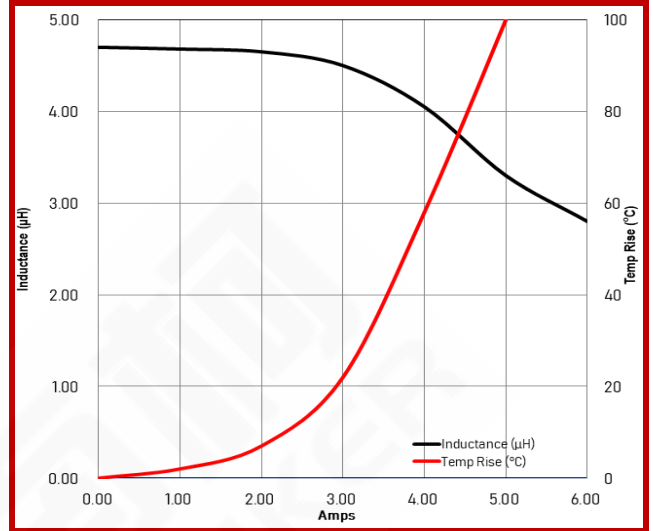
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

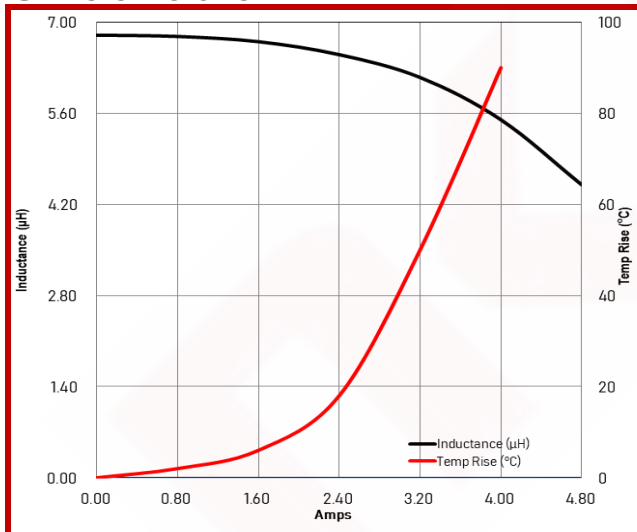
SPI19-0715-3R3M



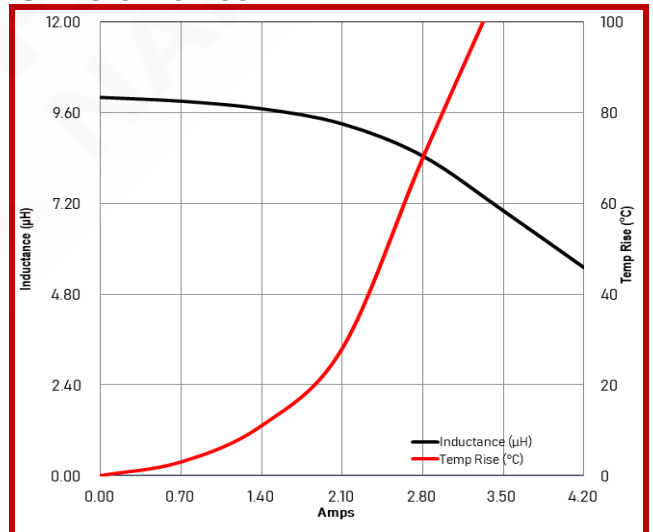
SPI19-0715-4R7M



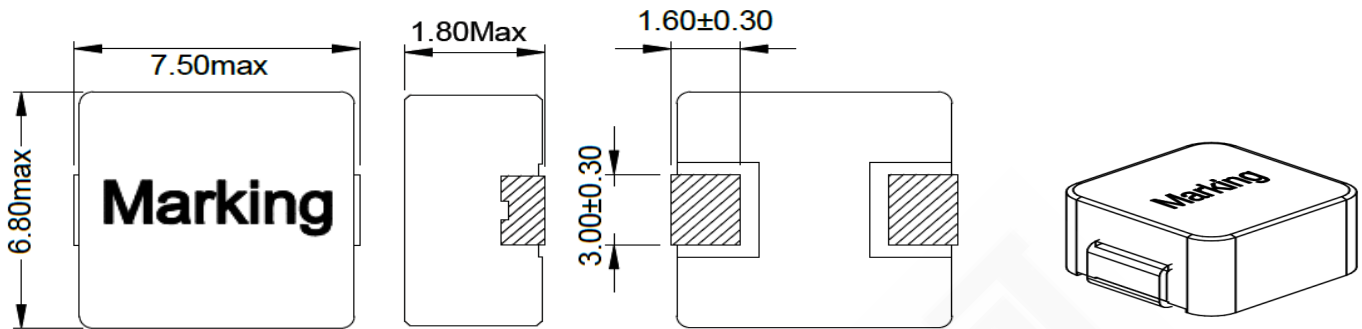
SPI19-0715-6R8M



SPI19-0715-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

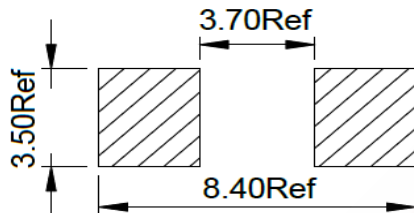


示意图 Schematics



电性特性 Electrical Properties

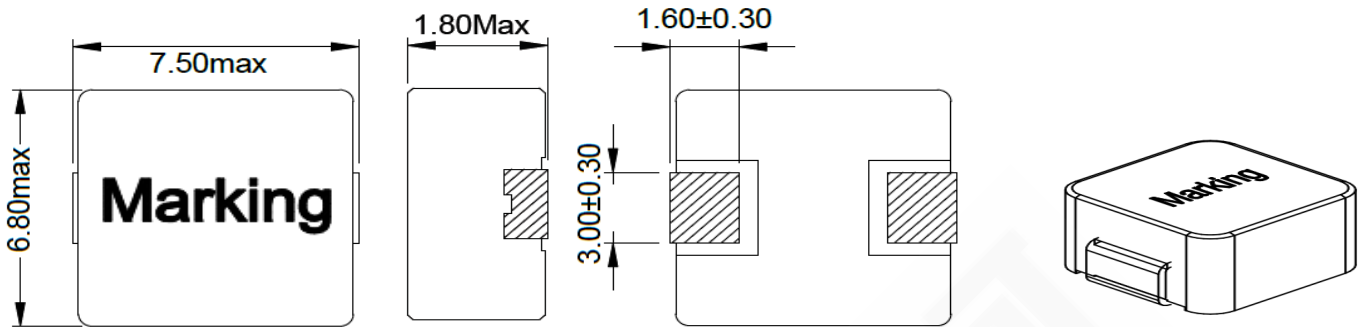
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0718-R10M	0.10 ±20%	20.50	2.40	33.00	100.00	2,000
SPI19-0718-R12M	0.12 ±20%	18.00	3.20	30.00		2,000
SPI19-0718-R15M	0.15 ±20%	15.00	5.00	27.00		2,000
SPI19-0718-R22M	0.22 ±20%	15.00	5.60	26.00		2,000
SPI19-0718-R33M	0.33 ±20%	14.00	7.00	23.00		2,000
SPI19-0718-R47M	0.47 ±20%	10.00	10.00	18.00		2,000
SPI19-0718-R56M	0.56 ±20%	9.00	12.00	17.00		2,000
SPI19-0718-R82M	0.82 ±20%	8.60	14.50	14.00		2,000

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

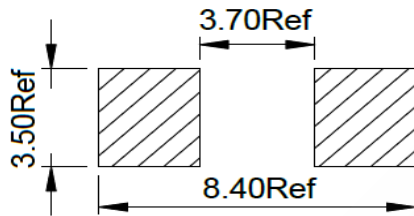


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0718-1R0M	1.00 ±20%	7.60	15.00	12.00	100.00	3,000
SPI19-0718-1R2M	1.50 ±20%	6.50	24.00	11.00		3,000
SPI19-0718-2R2M	2.20 ±20%	5.40	35.00	7.50		3,000
SPI19-0718-3R3M	3.30 ±20%	3.50	51.00	6.50		3,000
SPI19-0718-4R7M	4.70 ±20%	3.50	78.00	5.00		3,000
SPI19-0718-5R6M	5.60 ±20%	2.80	102.00	3.50		3,000
SPI19-0718-6R8M	6.80 ±20%	2.80	110.00	3.50		3,000
SPI19-0718-100M	10.00 ±20%	2.00	135.00	3.30		3,000

测试状态

Test Condition

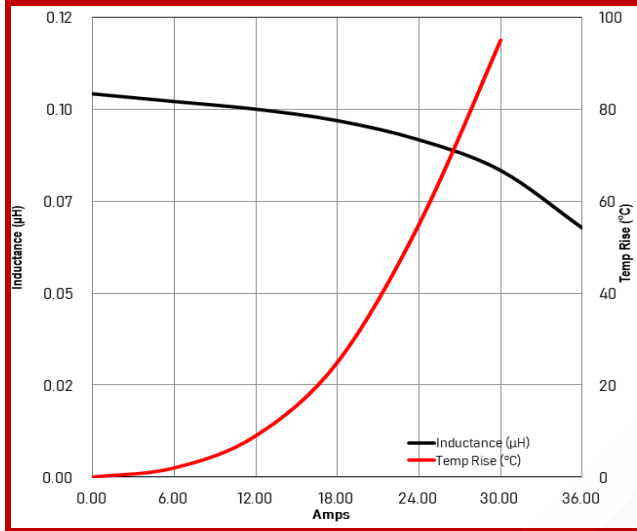
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



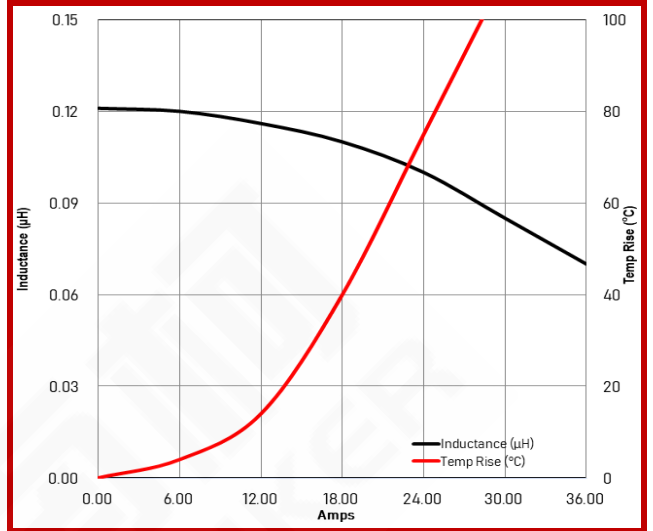
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

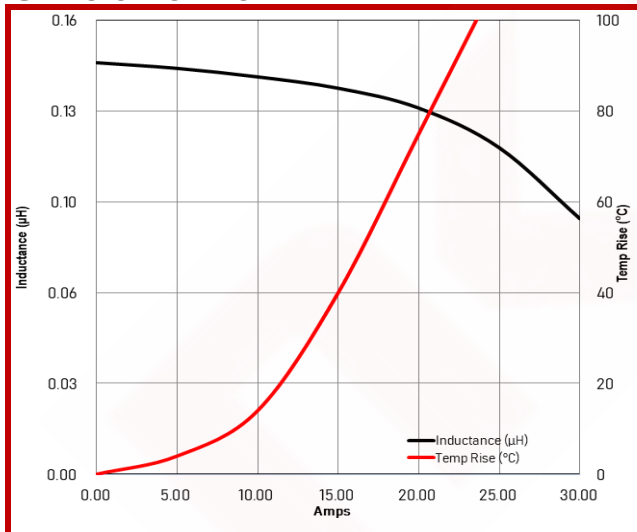
SPI19-0718-R10M



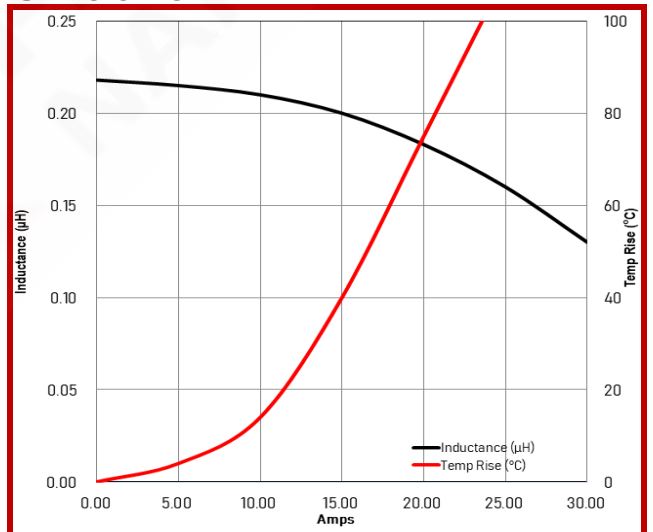
SPI19-0718-R12M



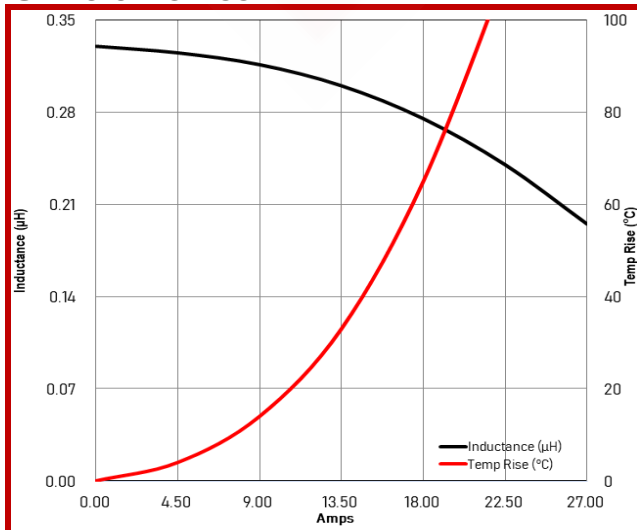
SPI19-0718-R15M



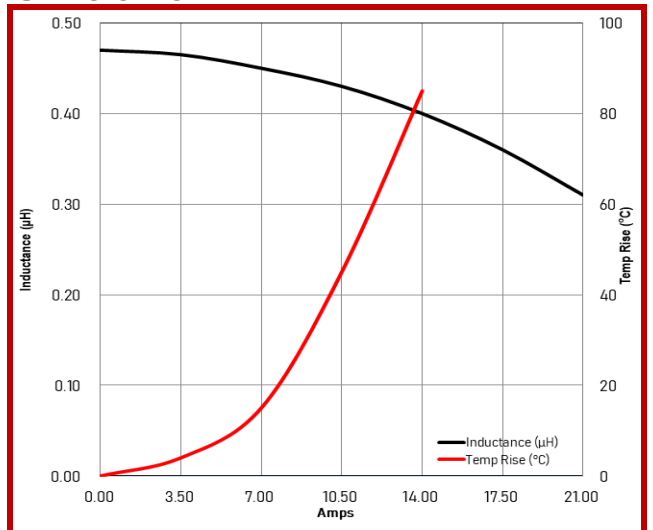
SPI19-0718-R22M



SPI19-0718-R33M



SPI19-0718-R47M

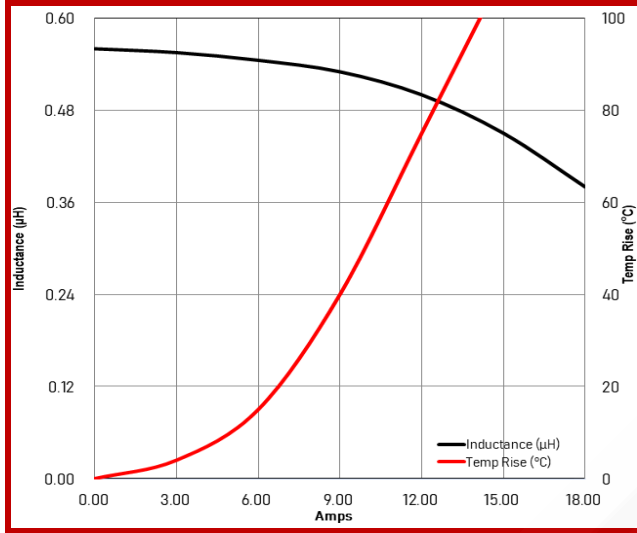




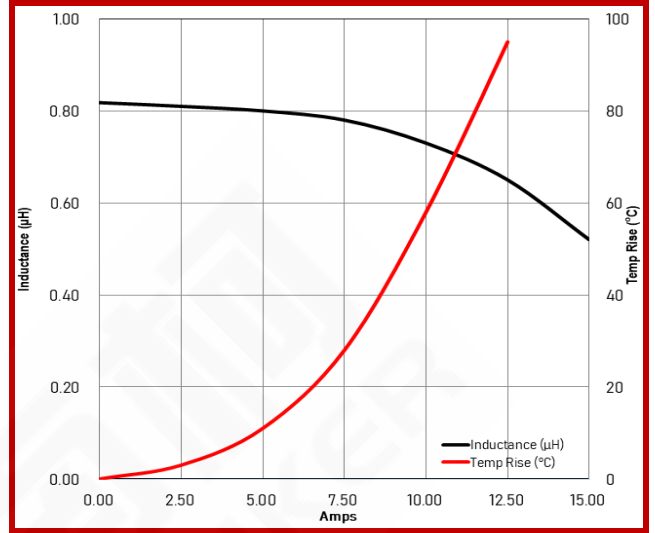
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

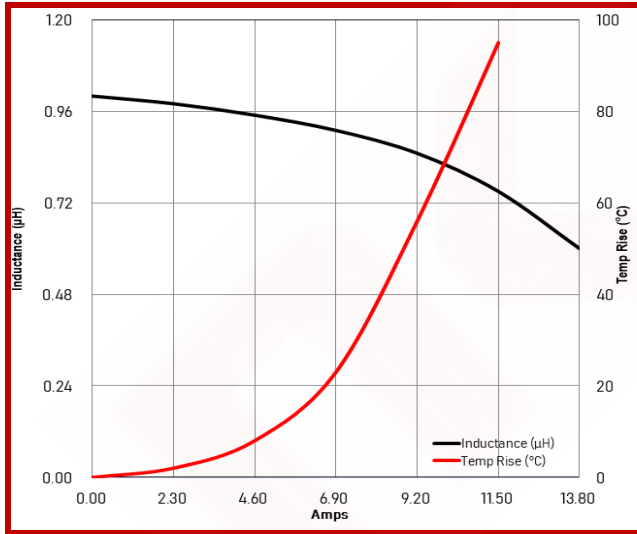
SPI19-0718-R56M



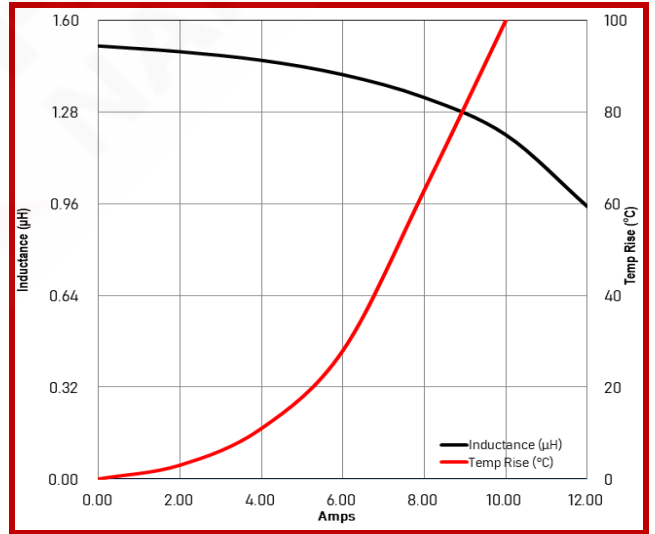
SPI19-0718-R82M



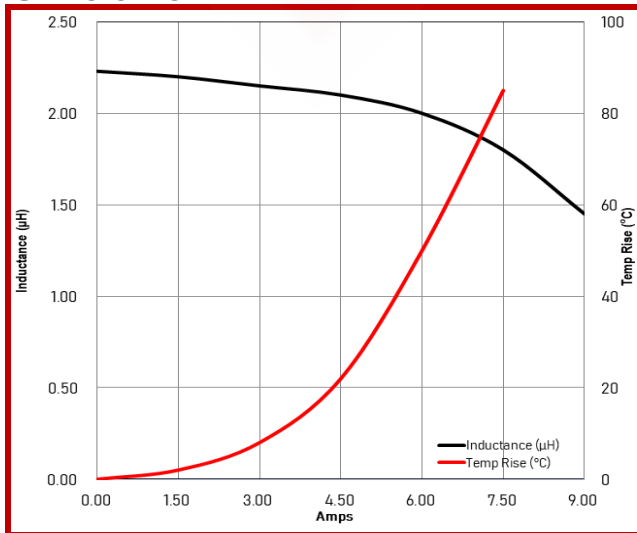
SPI19-0718-1R0M



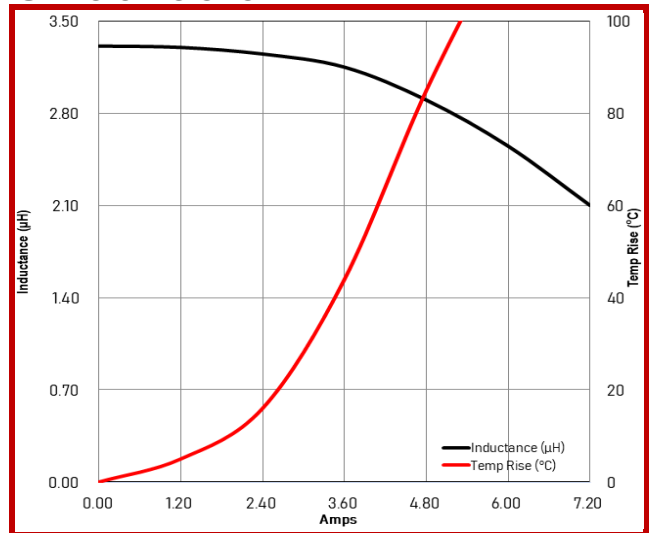
SPI19-0718-1R2M



SPI19-0718-2R2M



SPI19-0718-3R3M

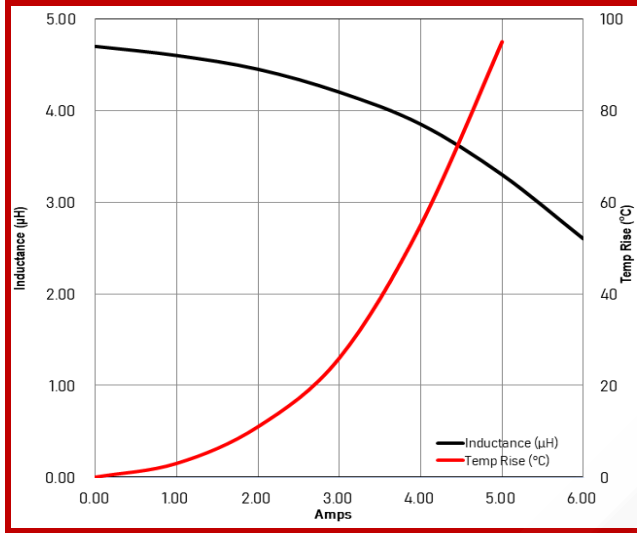




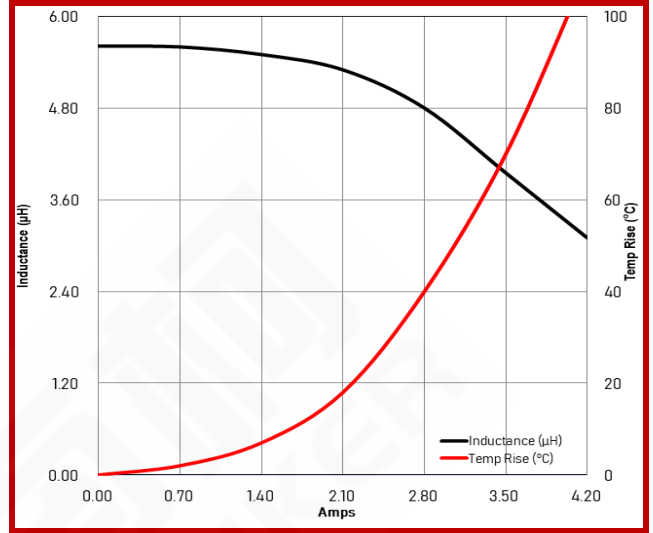
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

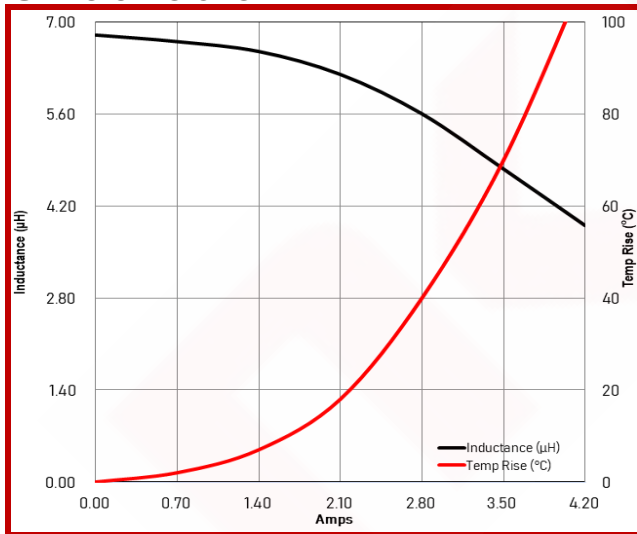
SPI19-0718-4R7M



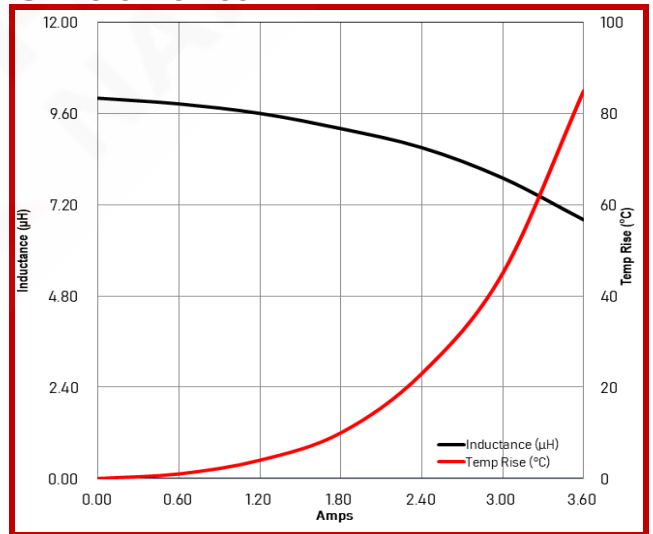
SPI19-0718-5R6M



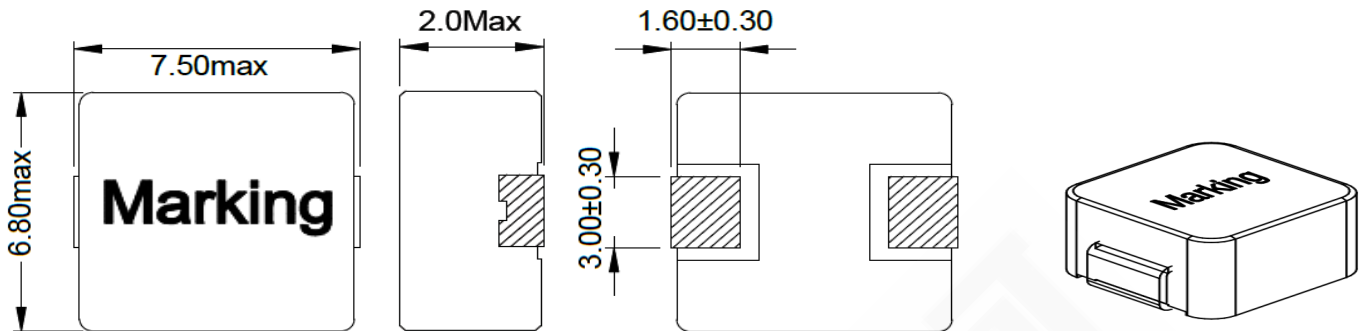
SPI19-0718-6R8M



SPI19-0718-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

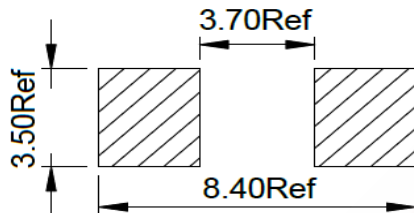


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0720-1R0M	1.00 ±20%	10.00	20.00	14.00	100.00	2,000
SPI19-0720-1R2M	1.50 ±20%	9.00	25.00	11.00		2,000
SPI19-0720-2R2M	2.20 ±20%	6.00	33.00	10.00		2,000
SPI19-0720-3R3M	3.30 ±20%	3.30	64.00	7.00		2,000
SPI19-0720-4R7M	4.70 ±20%	3.00	70.00	5.00		2,000
SPI19-0720-6R8M	6.80 ±20%	3.00	115.00	4.00		2,000
SPI19-0720-100M	10.00 ±20%	2.80	120.00	3.50		2,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

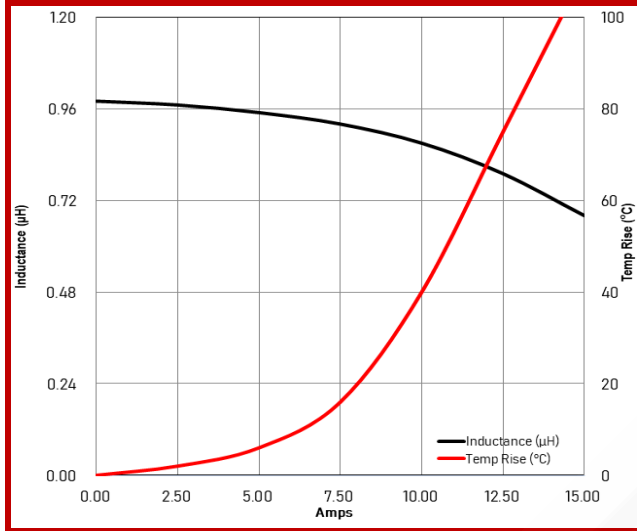
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



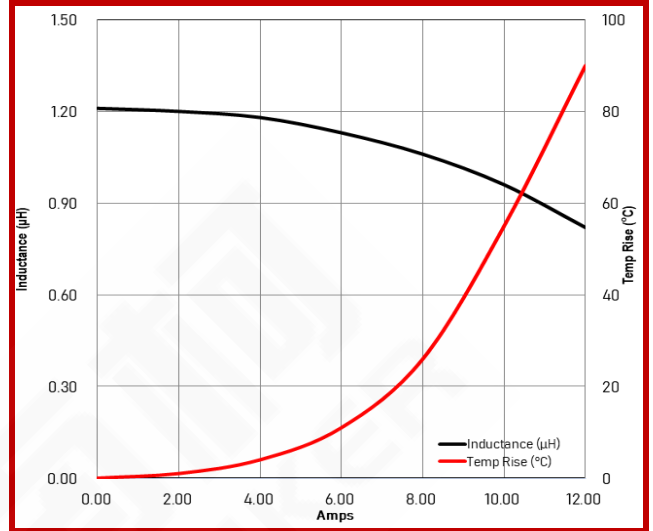
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

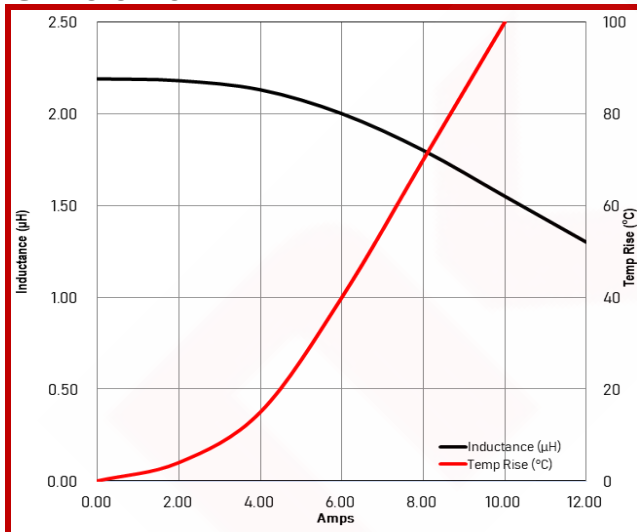
SPI19-0720-1R0M



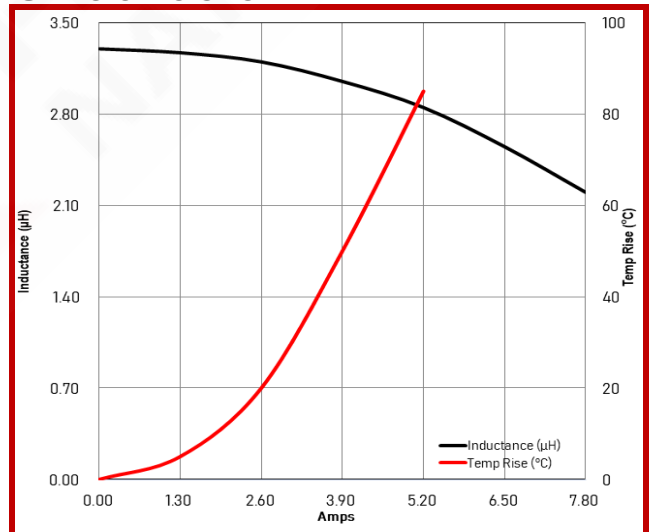
SPI19-0720-1R2M



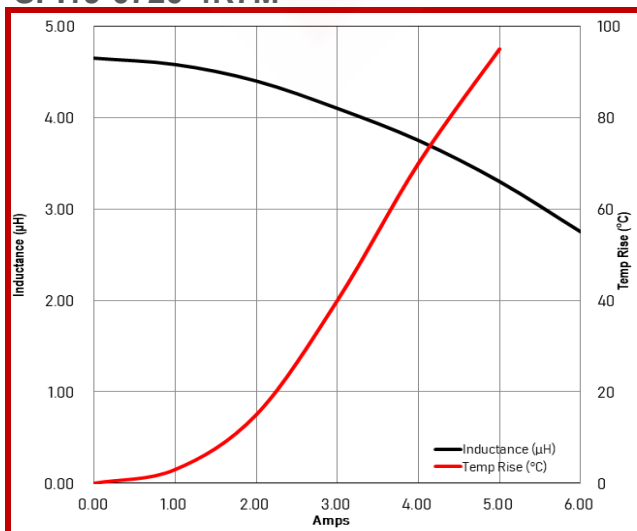
SPI19-0720-2R2M



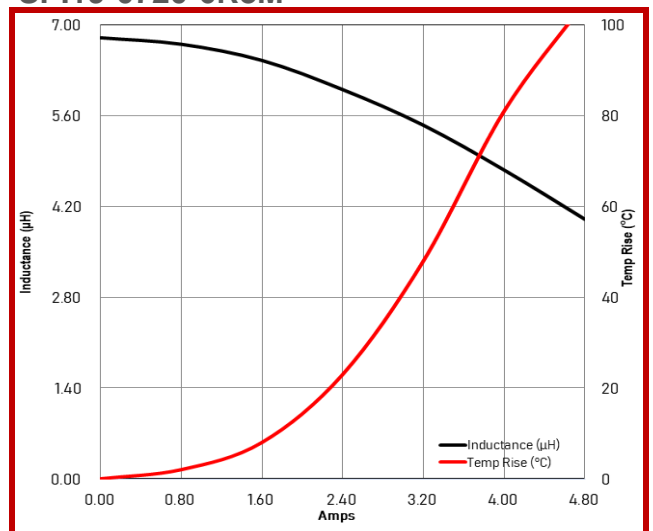
SPI19-0720-3R3M



SPI19-0720-4R7M



SPI19-0720-6R8M

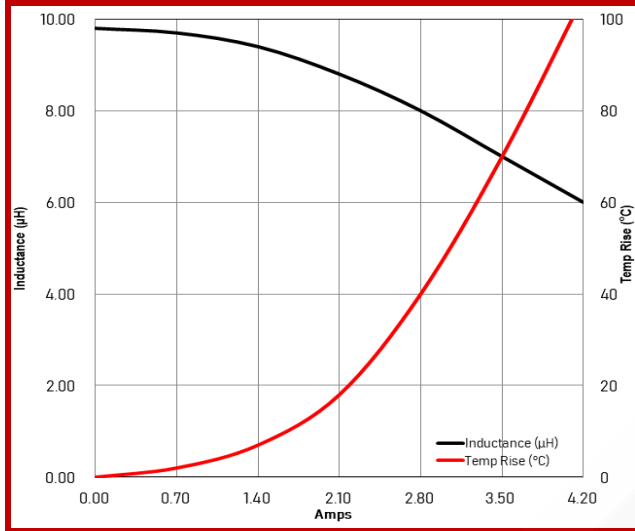




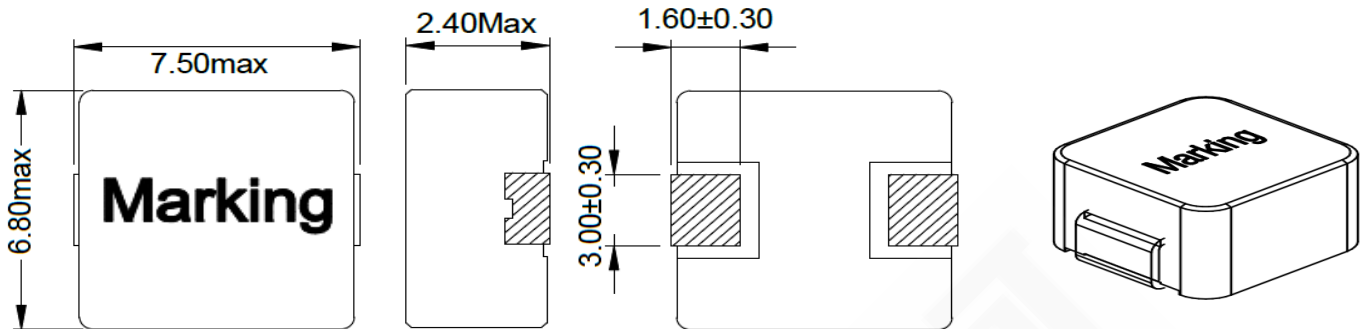
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI19-0720-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

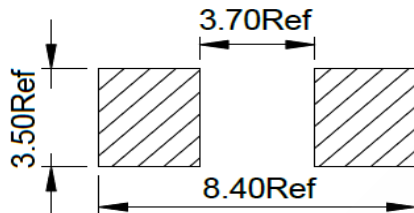


示意图 Schematics



电性特性 Electrical Properties

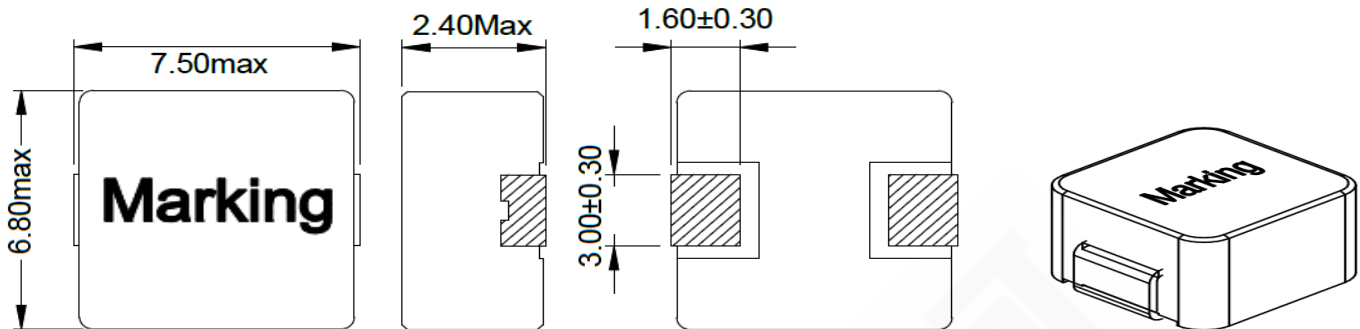
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0724-R22M	0.22 ±20%	21.00	3.50	34.00	100.00	2,000
SPI19-0724-R24M	0.24 ±20%	18.00	4.00	32.00		2,000
SPI19-0724-R36M	0.36 ±20%	17.00	4.50	30.00		2,000
SPI19-0724-R47M	0.47 ±20%	13.00	5.00	23.00		2,000
SPI19-0724-R68M	0.68 ±20%	11.00	6.50	19.00		2,000
SPI19-0724-1R0M	1.00 ±20%	9.50	10.00	16.00		2,000
SPI19-0724-1R5M	1.50 ±20%	7.50	13.50	15.00		2,000
SPI19-0724-2R2M	2.20 ±20%	7.00	18.00	11.00		2,000

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

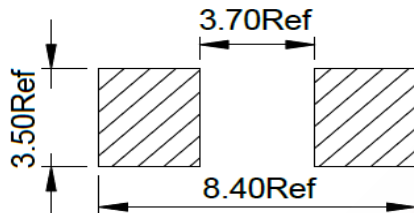


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0724-3R3M	3.30 ±20%	6.00	34.00	8.00	100.00	2,000
SPI19-0724-4R7M	4.70 ±20%	5.00	39.00	7.00		2,000
SPI19-0724-5R6M	5.60 ±20%	4.60	54.00	6.80		2,000
SPI19-0724-6R8M	6.80 ±20%	4.00	72.00	5.50		2,000
SPI19-0724-8R2M	8.20 ±20%	3.50	88.00	5.00		2,000
SPI19-0724-100M	10.00 ±20%	3.00	105.00	4.00		2,000
SPI19-0724-150M	15.00 ±20%	2.60	162.00	3.50		2,000

测试状态

Test Condition

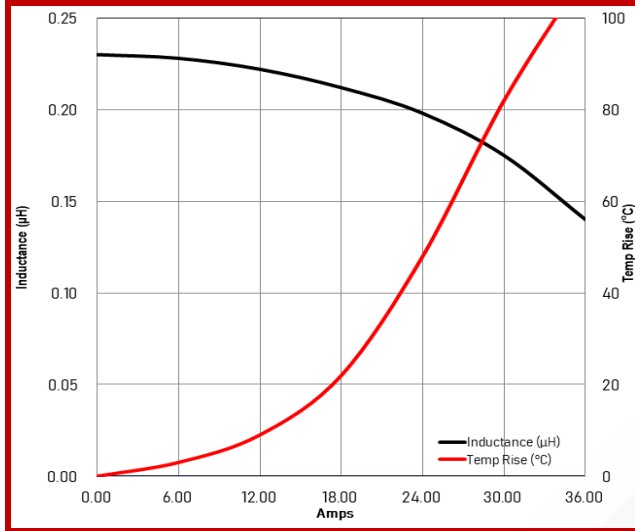
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



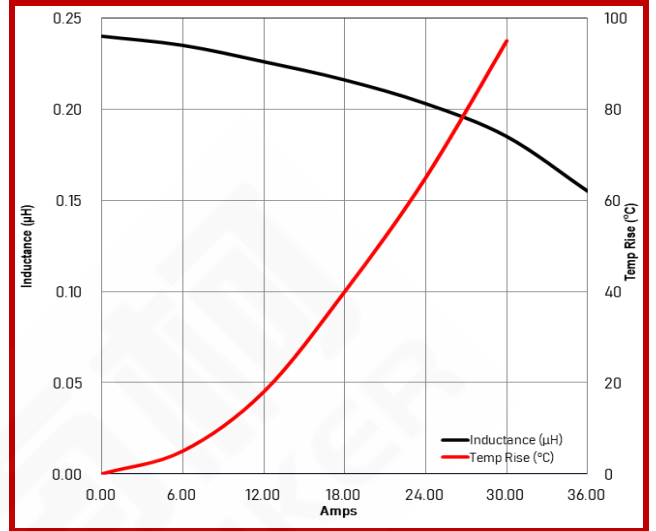
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

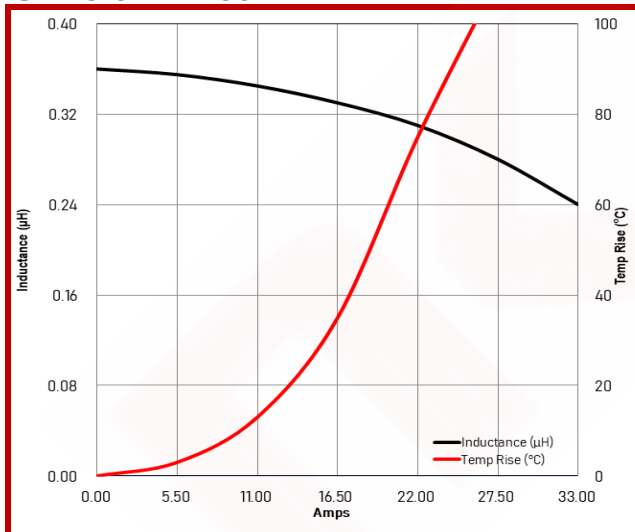
SPI19-0724-R22M



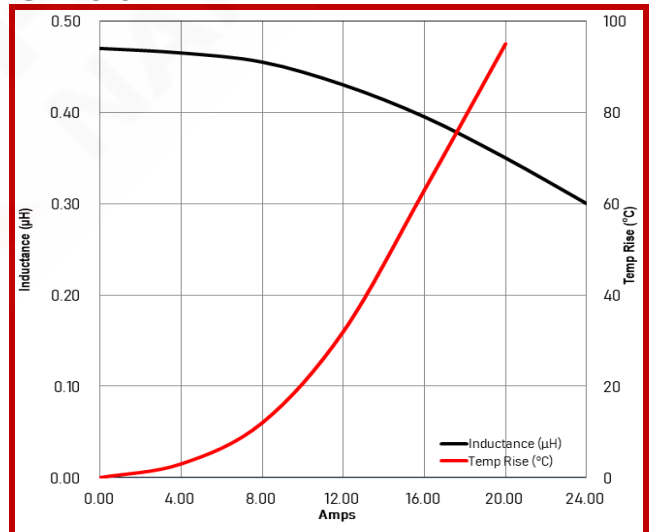
SPI19-0724-R24M



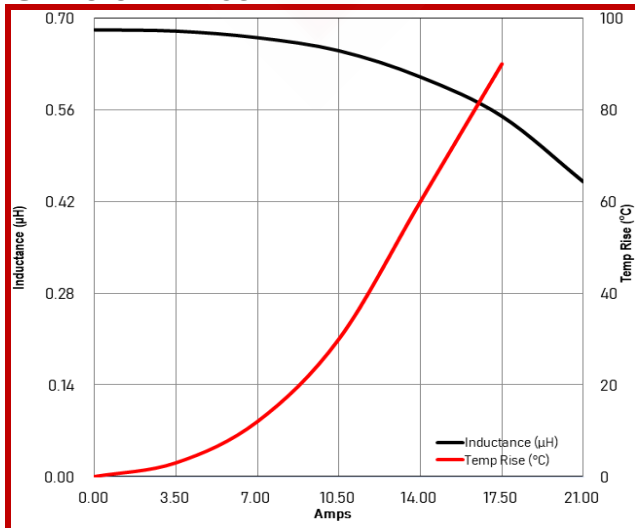
SPI19-0724-R36M



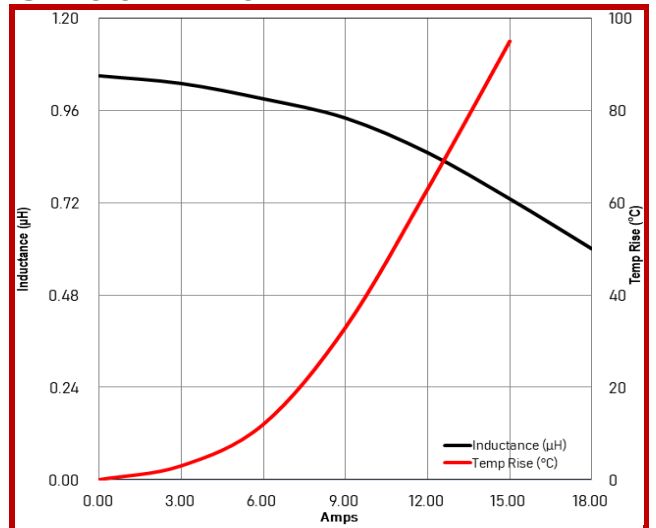
SPI19-0724-R47M



SPI19-0724-R68M



SPI19-0724-1R0M

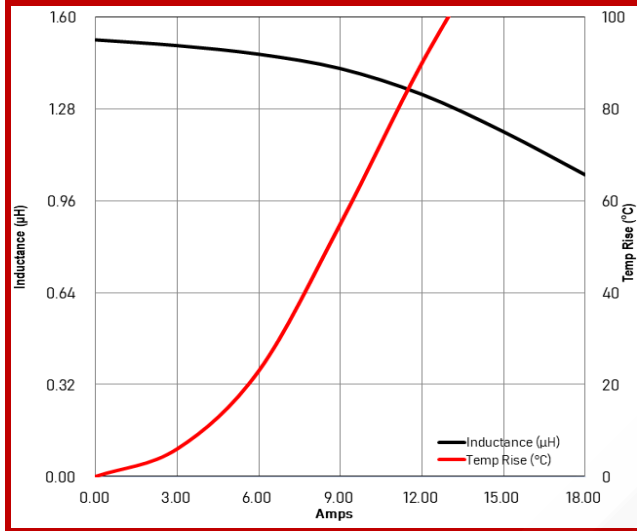




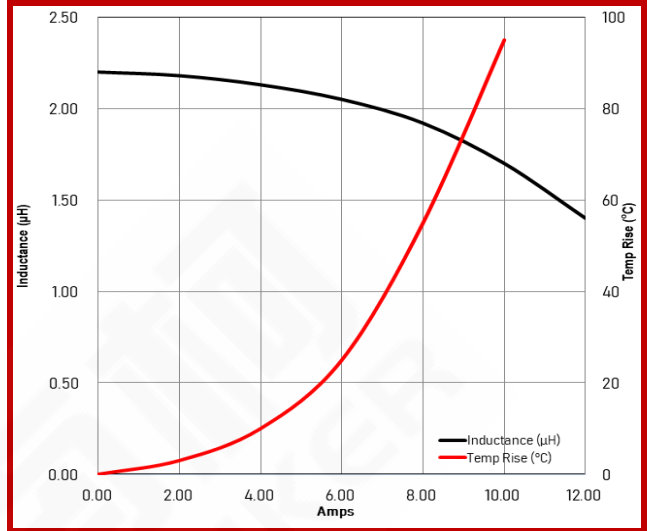
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

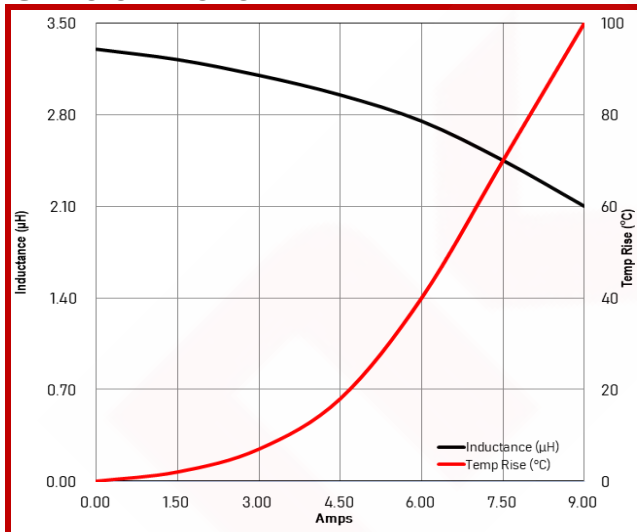
SPI19-0724-1R5M



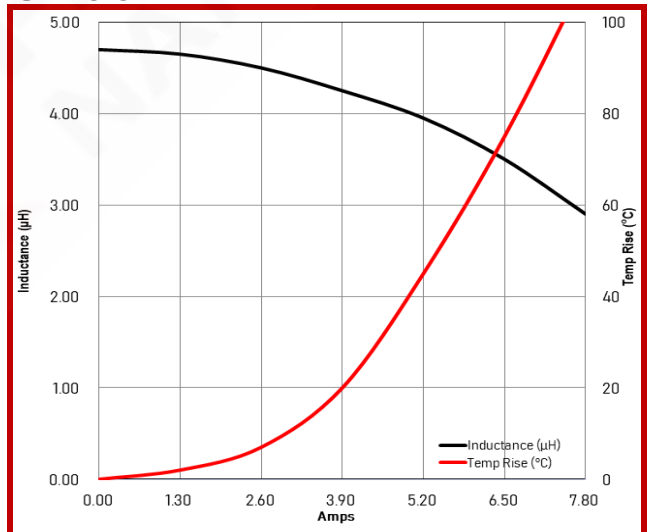
SPI19-0724-2R2M



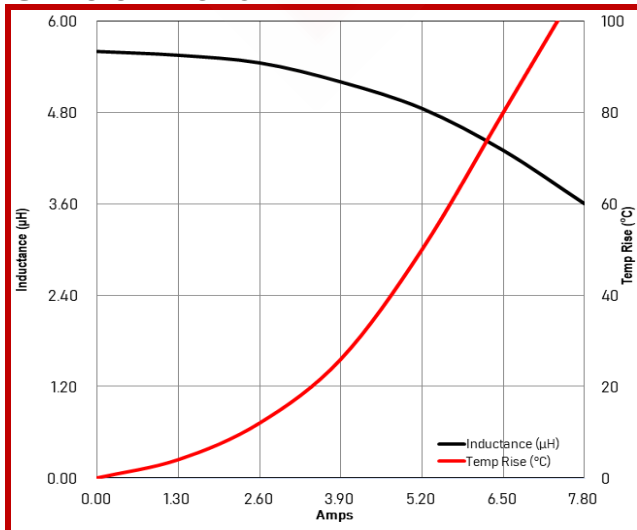
SPI19-0724-3R3M



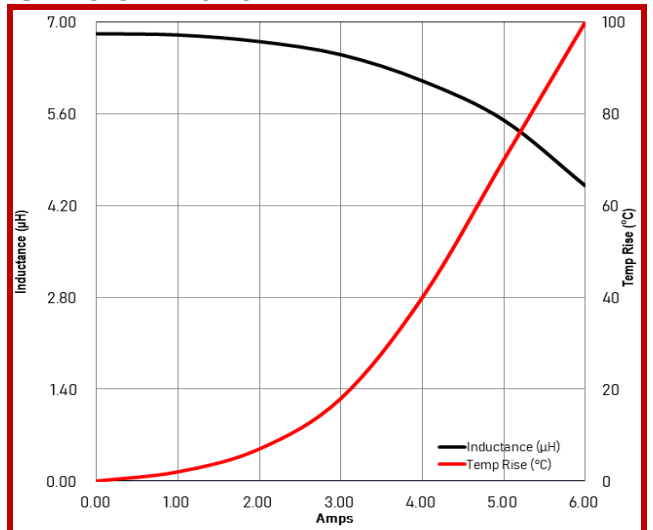
SPI19-0724-4R7M



SPI19-0724-5R6M



SPI19-0724-6R8M

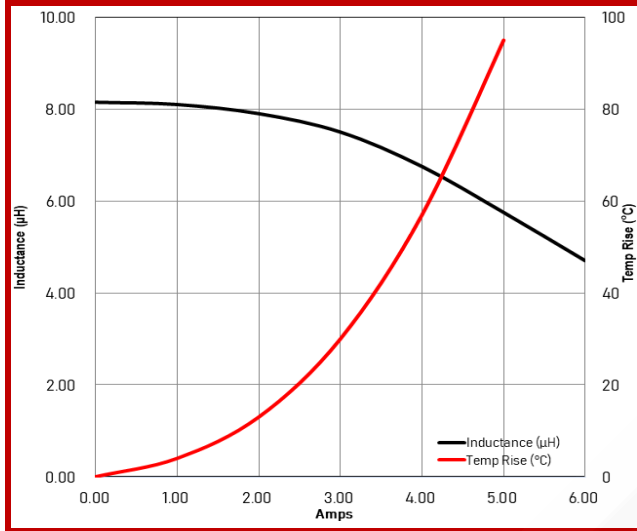




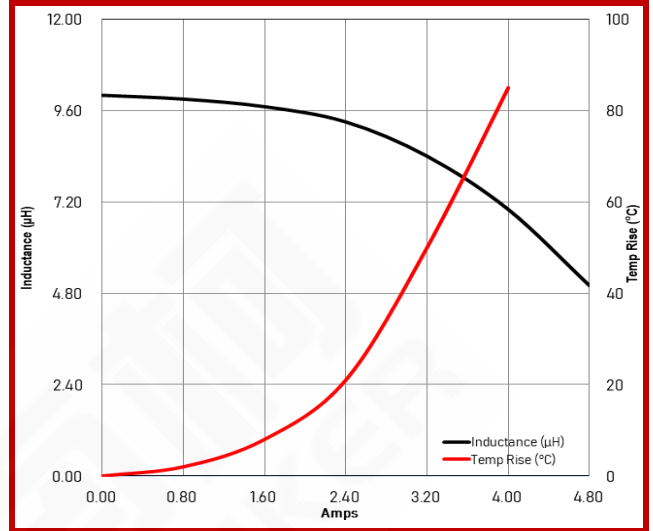
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

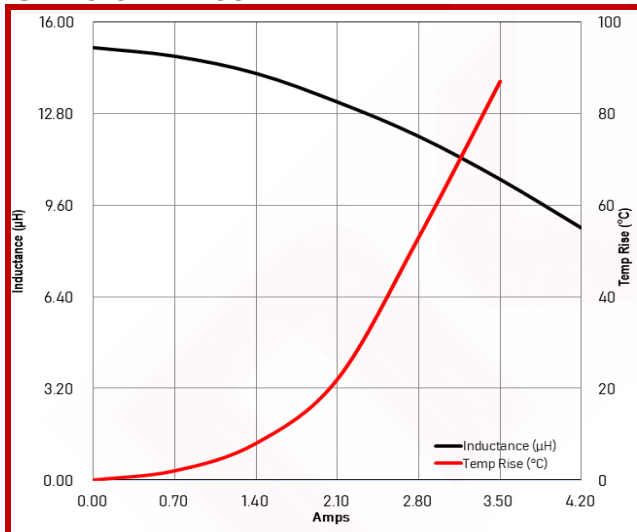
SPI19-0724-8R2M



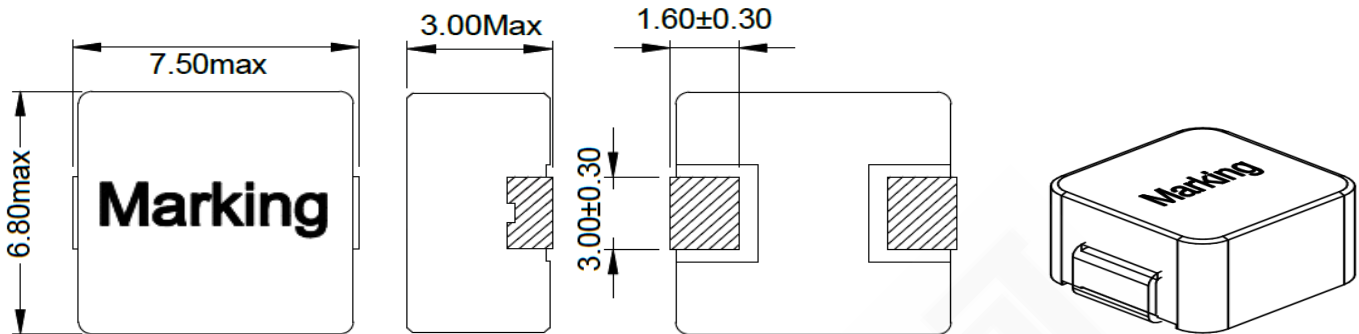
SPI19-0724-100M



SPI19-0724-150M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

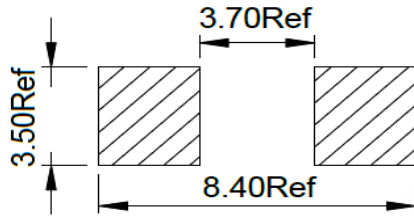


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0730-R10M	0.10 ±20%	40.00	0.75	48.00	100.00	1,000
SPI19-0730-R15M	0.15 ±20%	30.00	1.00	45.00		1,000
SPI19-0730-R22M	0.22 ±20%	21.50	3.00	34.00		1,000
SPI19-0730-R24M	0.24 ±20%	21.50	3.00	34.00		1,000
SPI19-0730-R33M	0.33 ±20%	20.50	3.20	27.50		1,000
SPI19-0730-R36M	0.36 ±20%	20.00	3.30	27.00		1,000
SPI19-0730-R47M	0.47 ±20%	18.50	4.50	22.00		1,000
SPI19-0730-R56M	0.56 ±20%	16.50	4.50	21.00		1,000
SPI19-0730-R68M	0.68 ±20%	16.10	5.50	20.00		1,000
SPI19-0730-R82M	0.82 ±20%	14.70	6.00	16.00		1,000
SPI19-0730-1R0M	1.00 ±20%	12.50	7.00	15.50		1,000
SPI19-0730-1R5M	1.50 ±20%	10.90	10.50	14.00		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

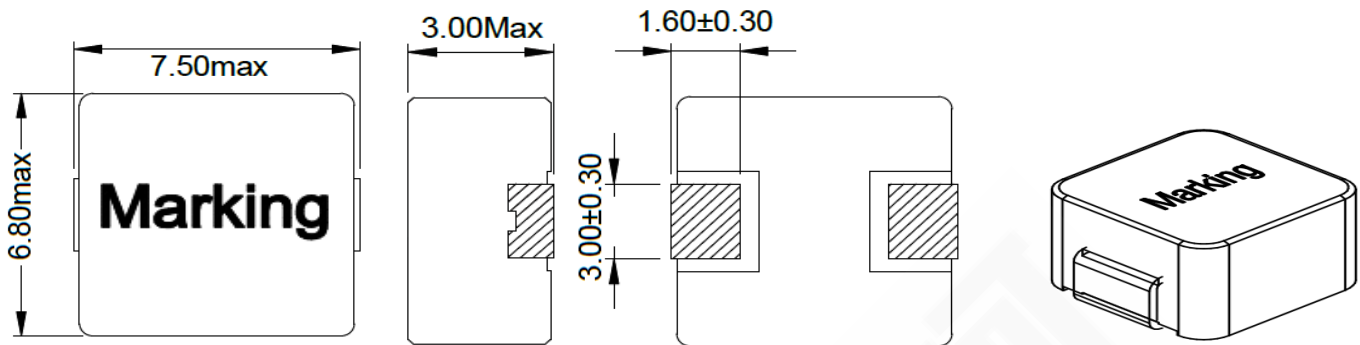
☆ 工作温度: -40°C ~ +125°C

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)

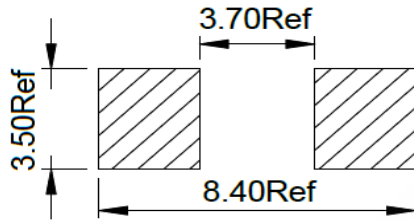


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0730-2R2M	2.20 ±20%	9.10	14.00	11.50	100.00	1,000
SPI19-0730-3R3M	3.30 ±20%	7.80	20.00	9.50		1,000
SPI19-0730-4R7M	4.70 ±20%	6.50	32.00	9.00		1,000
SPI19-0730-5R6M	5.60 ±20%	5.30	45.00	7.00		1,000
SPI19-0730-6R8M	6.80 ±20%	4.80	50.00	6.00		1,000
SPI19-0730-8R2M	8.20 ±20%	4.50	61.00	6.00		1,000
SPI19-0730-100M	10.00 ±20%	4.00	71.00	5.50		1,000
SPI19-0730-150M	15.00 ±20%	3.50	110.00	4.50		1,000
SPI19-0730-220M	22.00 ±20%	3.30	130.00	4.00		1,000
SPI19-0730-330M	33.00 ±20%	2.30	220.00	2.50		1,000
SPI19-0730-470M	47.00 ±20%	2.00	300.00	2.00		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

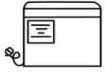
Inductance measure condition at 100 kHz/ 1.0V

☆ 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

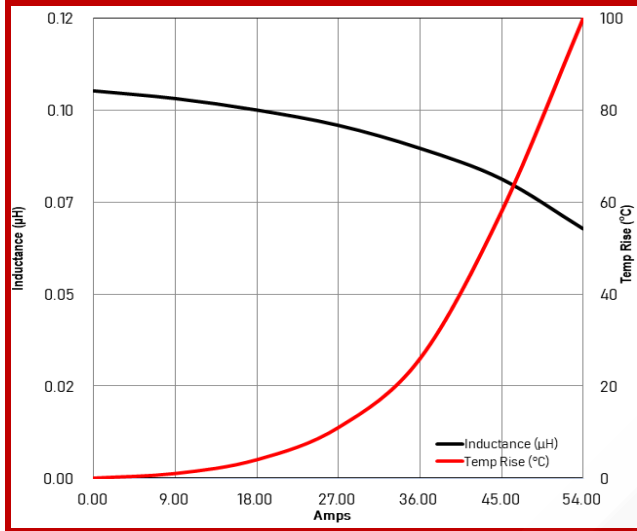
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



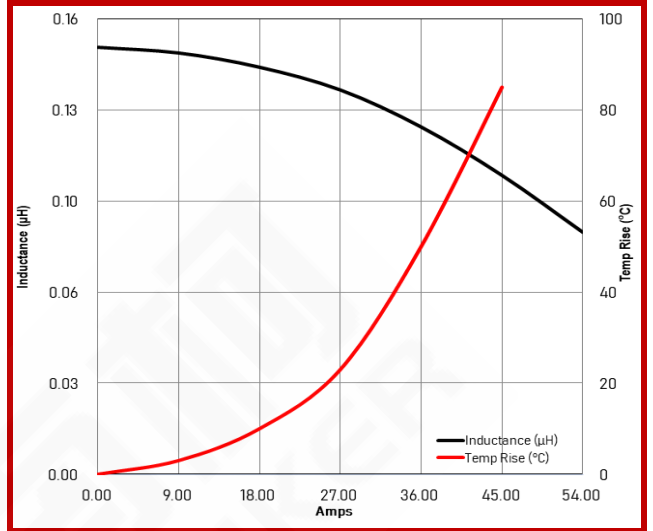
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

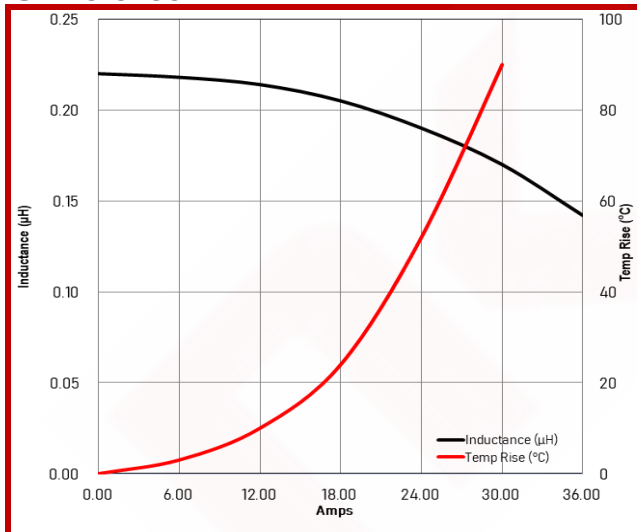
SPI19-0730-R10M



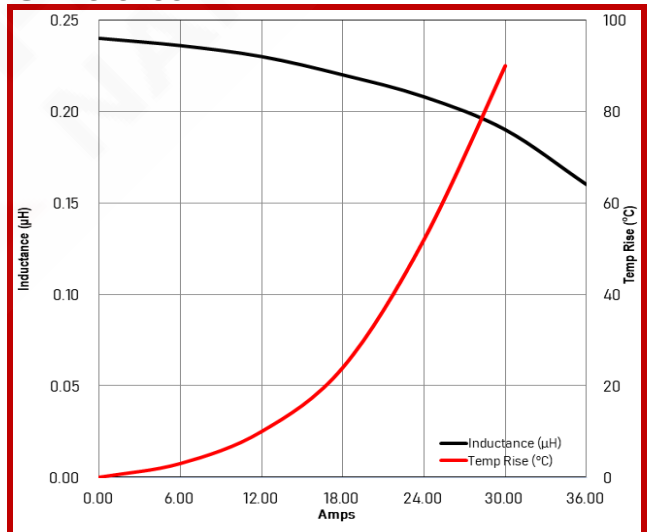
SPI19-0730-R15M



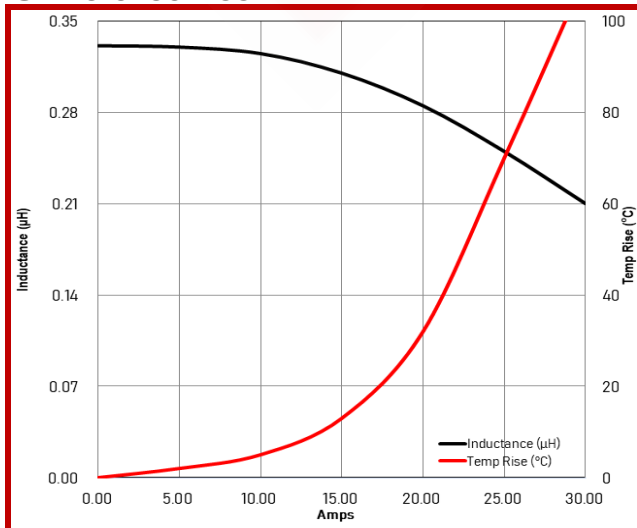
SPI19-0730-R22M



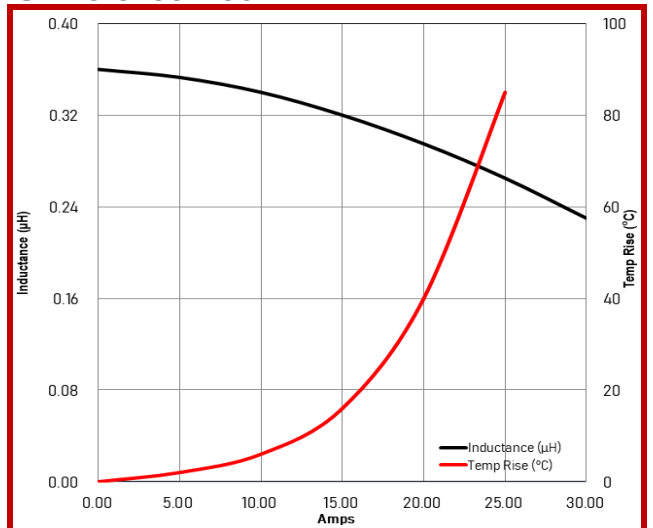
SPI19-0730-R24M



SPI19-0730-R33M



SPI19-0730-R36M

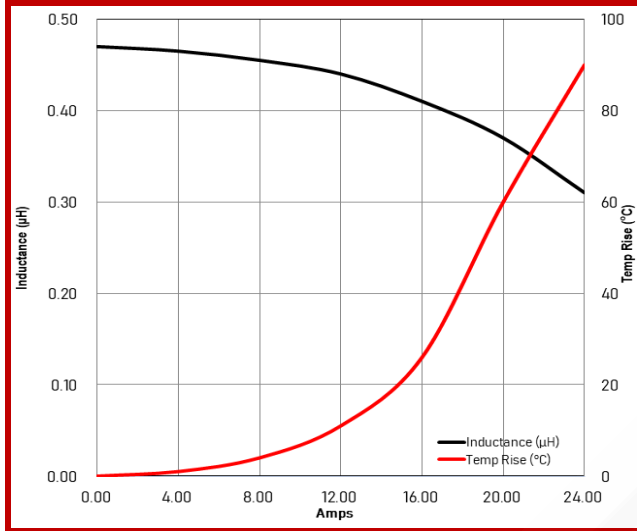




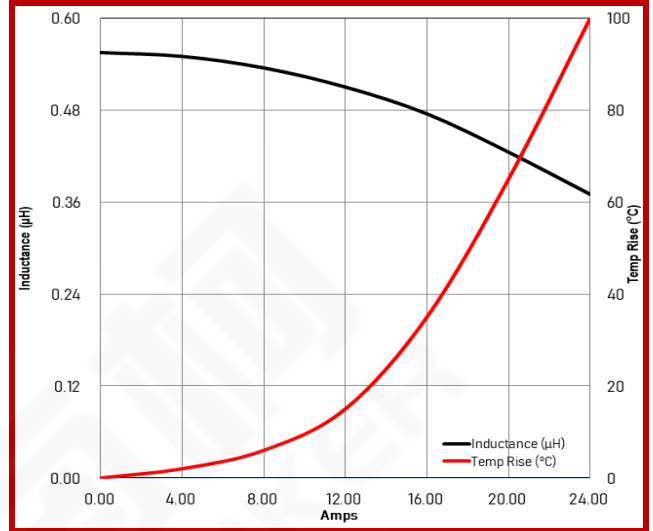
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

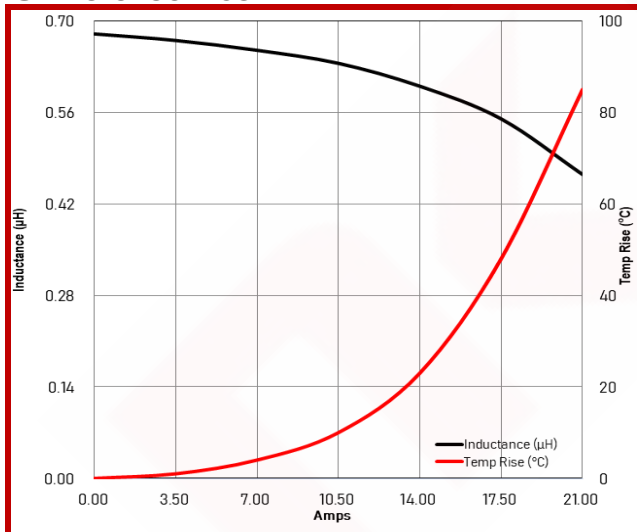
SPI19-0730-R47M



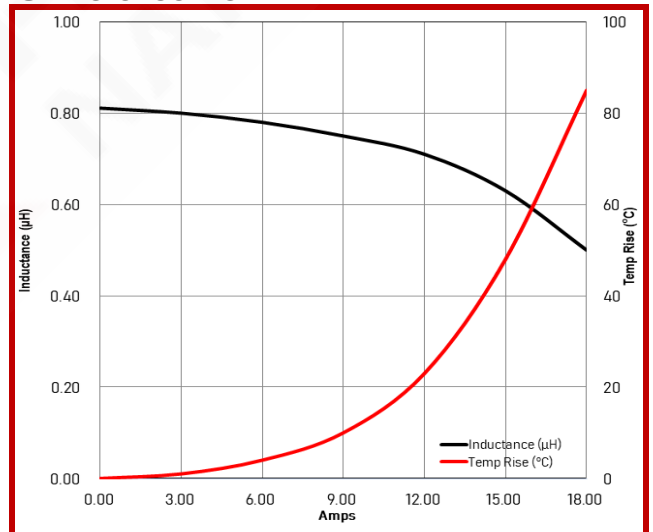
SPI19-0730-R56M



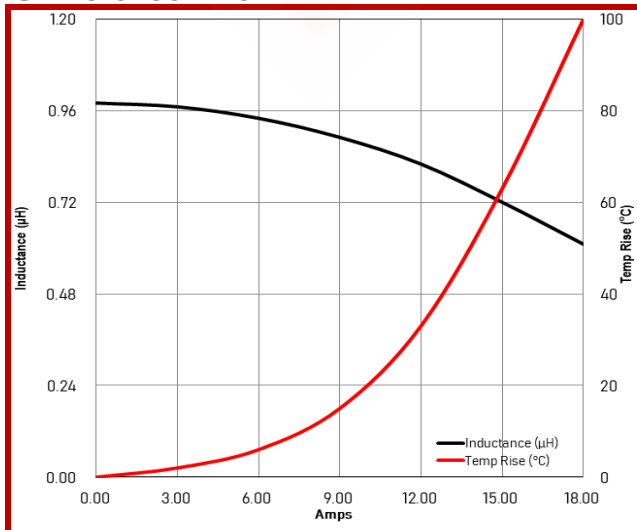
SPI19-0730-R68M



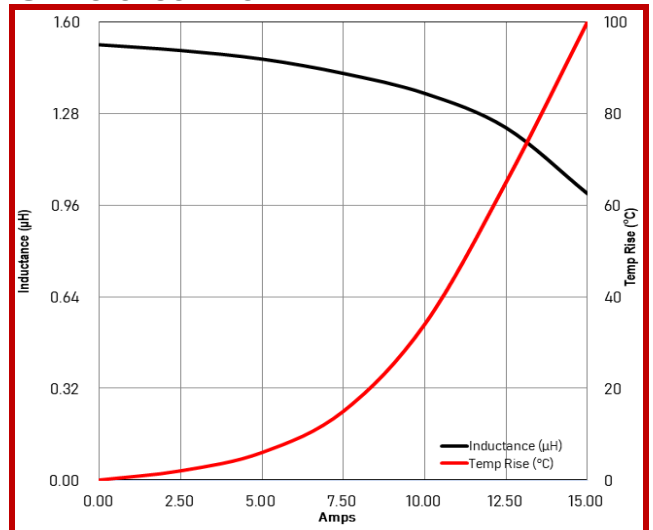
SPI19-0730-R82M



SPI19-0730-1R0M



SPI19-0730-1R5M

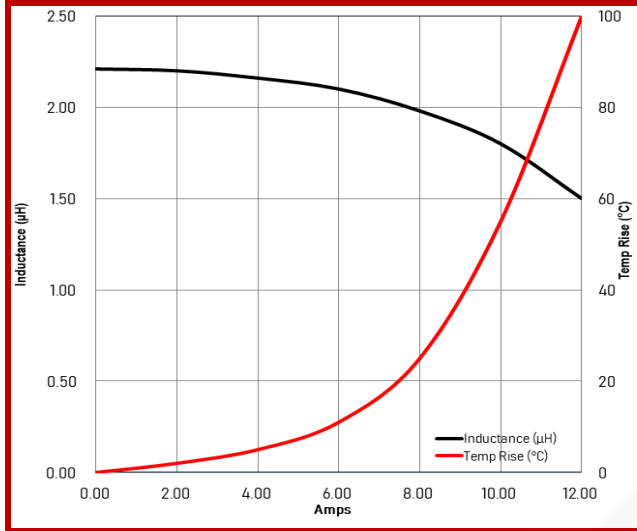




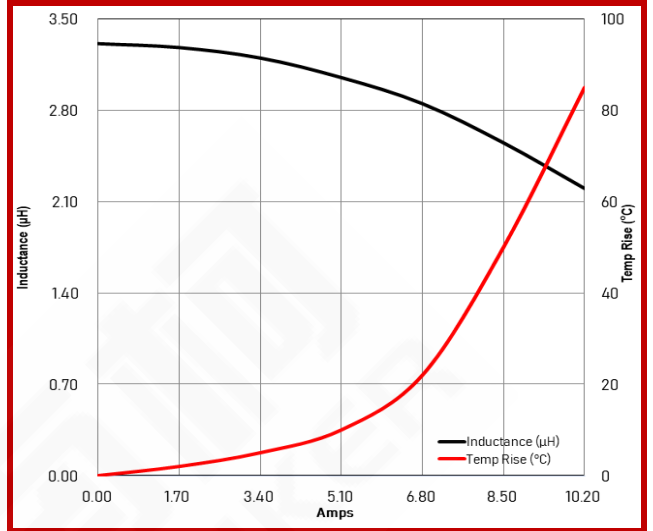
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

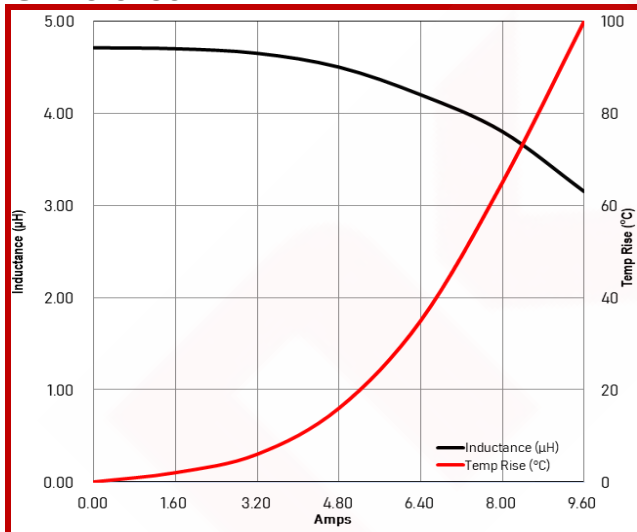
SPI19-0730-2R2M



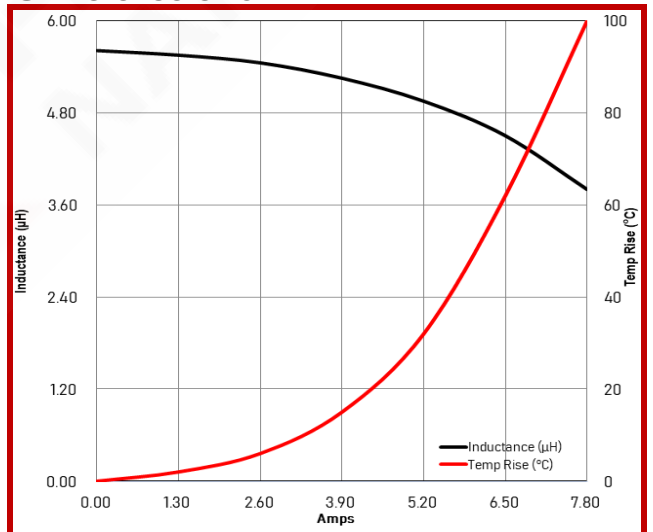
SPI19-0730-3R3M



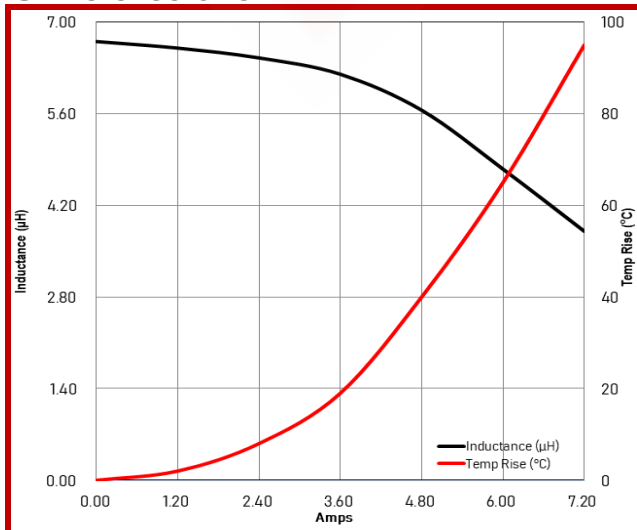
SPI19-0730-4R7M



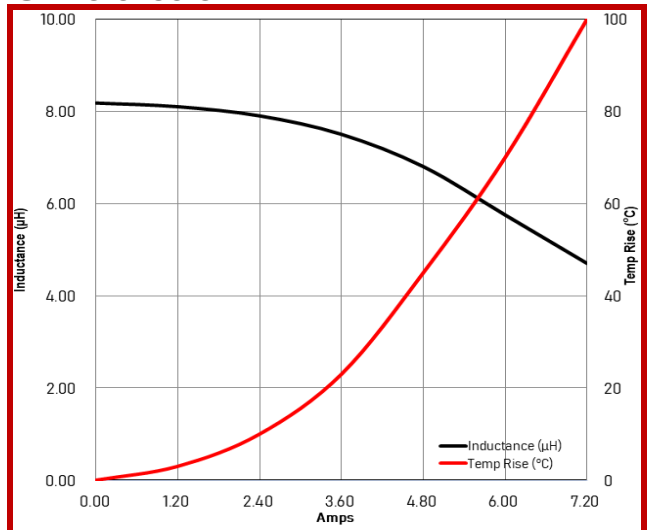
SPI19-0730-5R6M



SPI19-0730-6R8M



SPI19-0730-8R2M

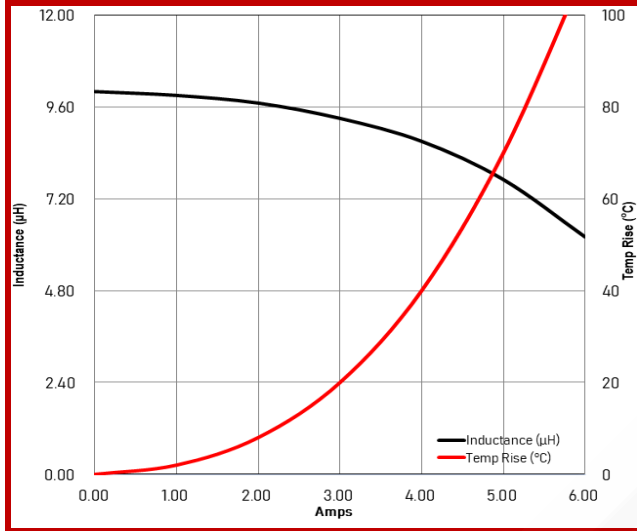




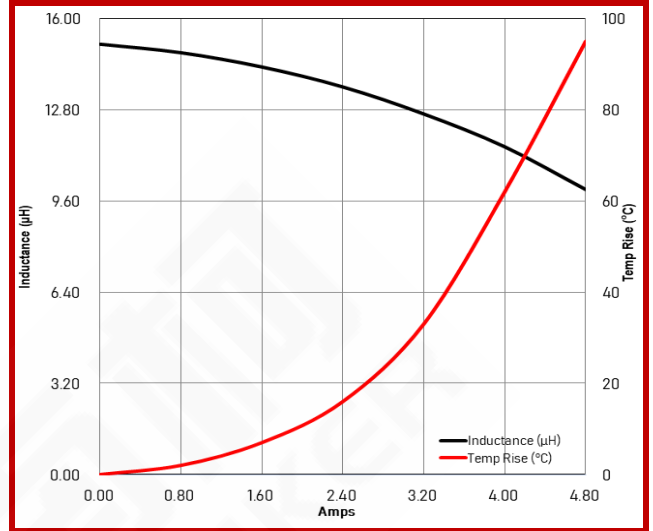
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

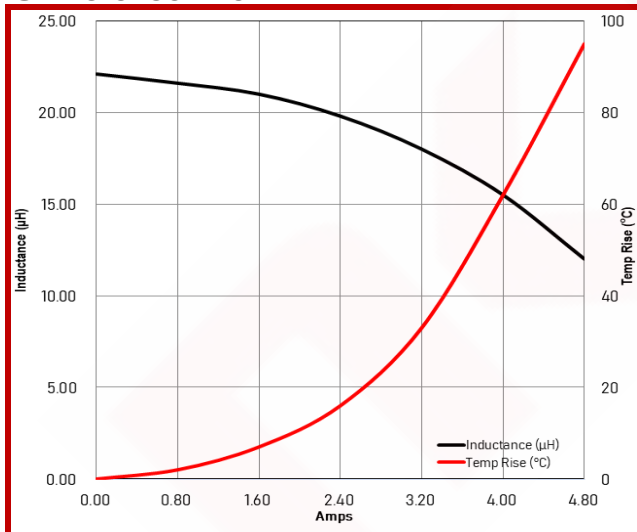
SPI19-0730-100M



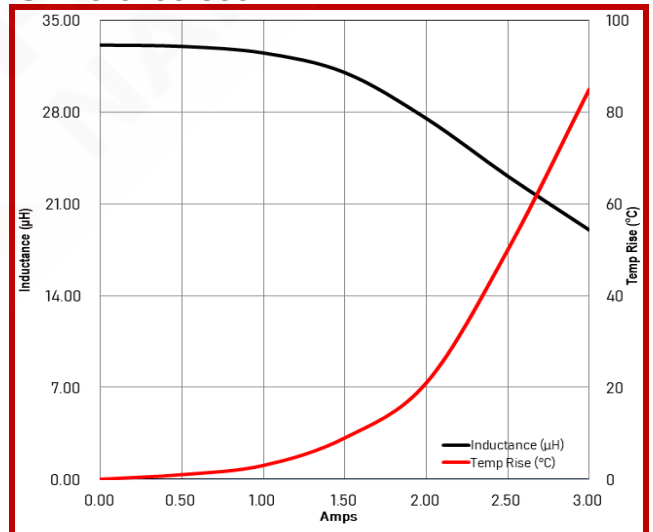
SPI19-0730-150M



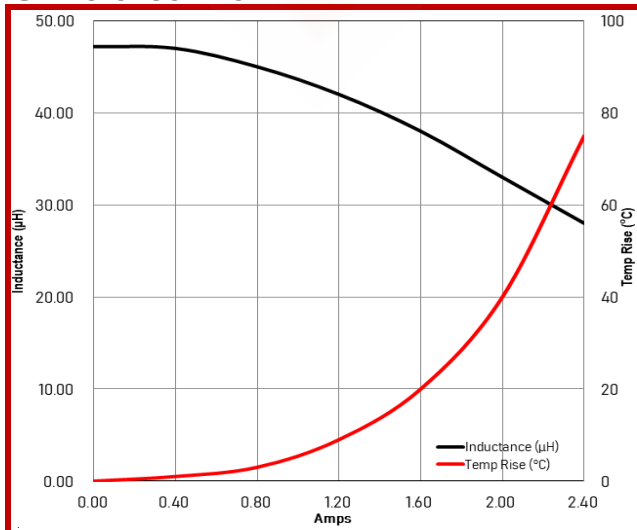
SPI19-0730-220M



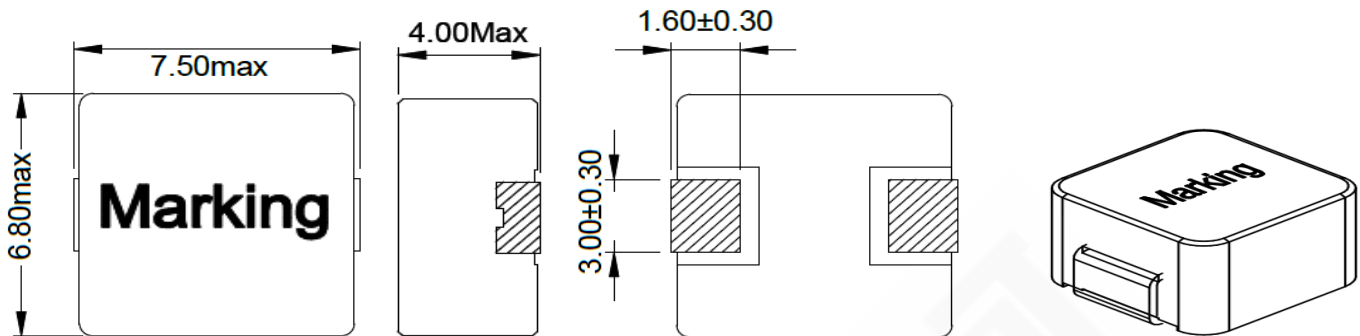
SPI19-0730-330M



SPI19-0730-470M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

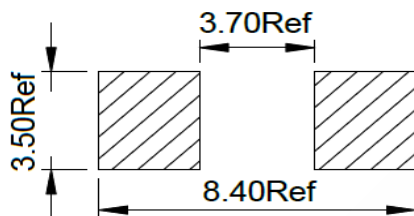


示意图 Schematics



电性特性 Electrical Properties

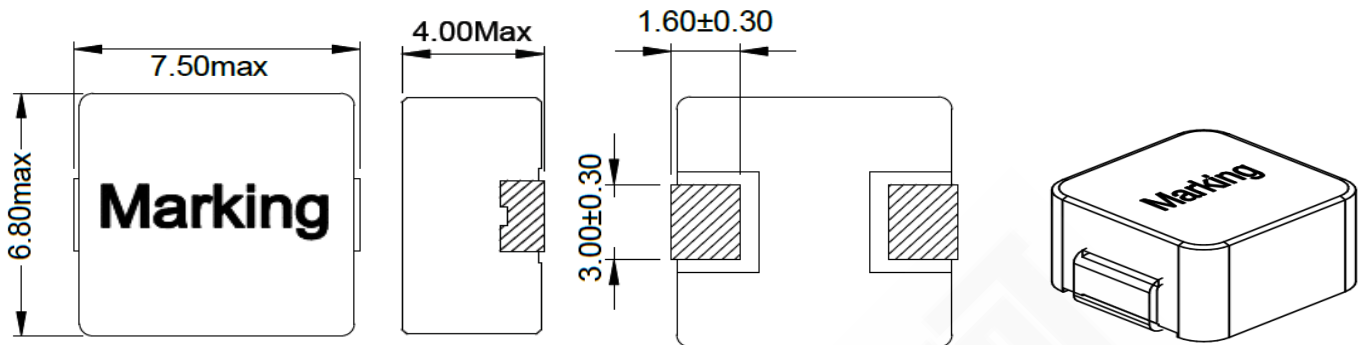
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0740-R15M	0.15 ±20%	40.00	0.80	48.00	100.00	1,000
SPI19-0740-R22M	0.22 ±20%	30.00	1.30	35.00		1,000
SPI19-0740-R33M	0.33 ±20%	20.00	3.20	27.00		1,000
SPI19-0740-R47M	0.47 ±20%	19.00	3.60	21.00		1,000
SPI19-0740-R68M	0.68 ±20%	17.00	4.80	21.00		1,000
SPI19-0740-1R0M	1.00 ±20%	14.00	6.50	18.00		1,000
SPI19-0740-1R5M	1.50 ±20%	12.00	9.00	12.00		1,000
SPI19-0740-2R2M	2.20 ±20%	10.00	13.00	12.00		1,000
SPI19-0740-3R3M	3.30 ±20%	8.50	19.00	9.50		1,000

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

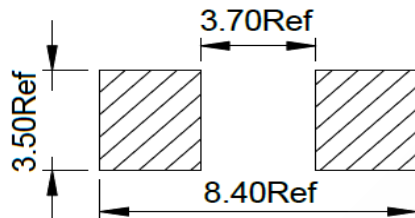


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0740-4R7M	4.70 ±20%	6.50	30.00	9.00	100.00	1,000
SPI19-0740-5R6M	5.60 ±20%	6.00	38.00	7.00		1,000
SPI19-0740-6R8M	6.80 ±20%	5.50	50.00	6.00		1,000
SPI19-0740-8R2M	8.20 ±20%	5.00	55.00	5.80		1,000
SPI19-0740-100M	10.00 ±20%	4.50	62.00	5.50		1,000
SPI19-0740-150M	15.00 ±20%	3.50	84.00	4.50		1,000
SPI19-0740-220M	22.00 ±20%	3.30	123.00	4.00		1,000
SPI19-0740-330M	33.00 ±20%	2.40	176.00	3.00		1,000
SPI19-0740-470M	47.00 ±20%	2.20	205.00	3.00		1,000

测试状态

Test Condition

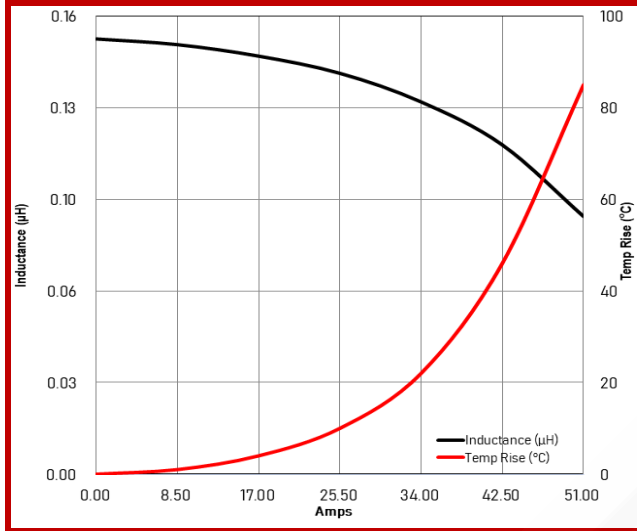
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



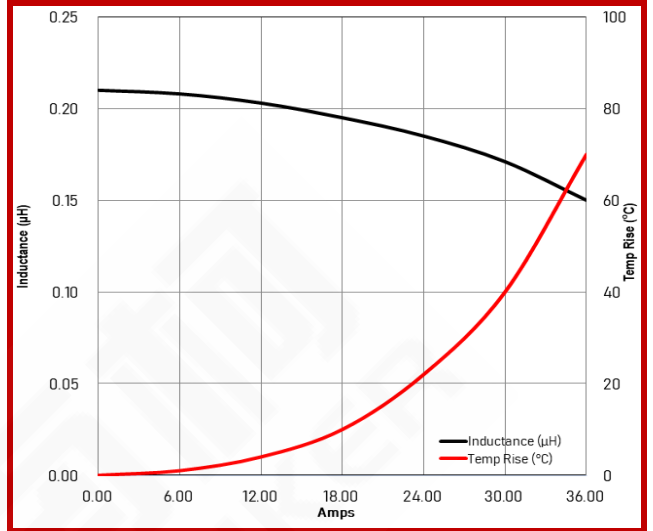
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

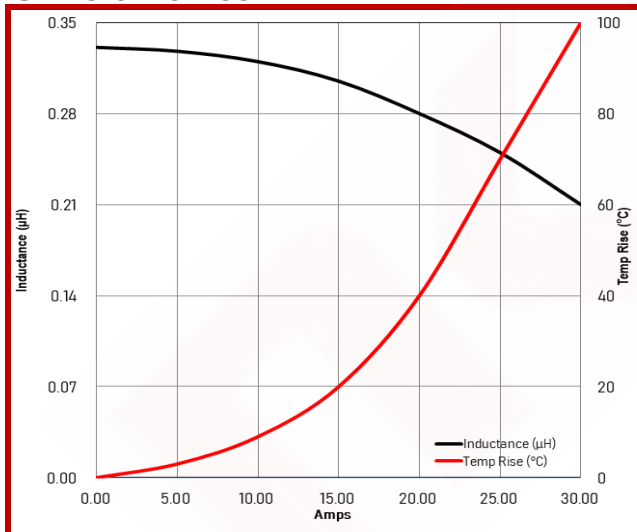
SPI19-0740-R15M



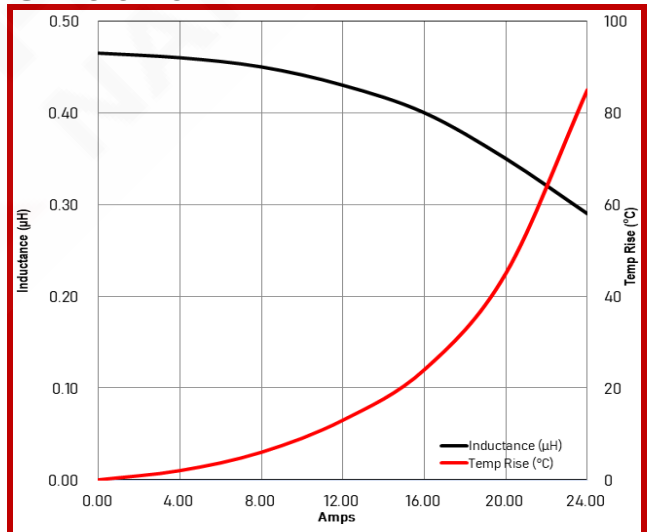
SPI19-0740-R22M



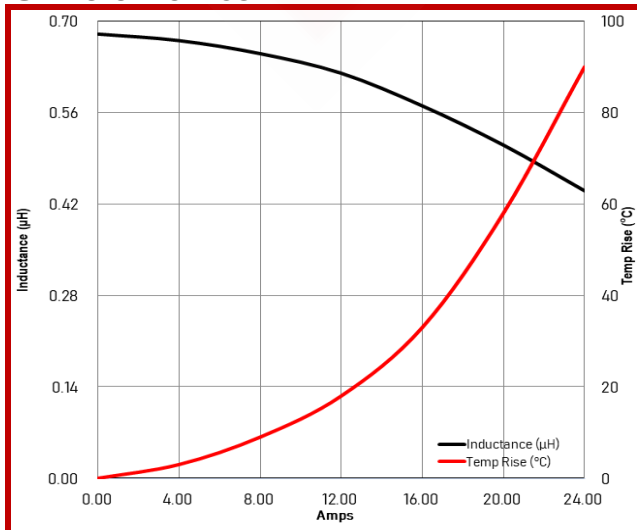
SPI19-0740-R33M



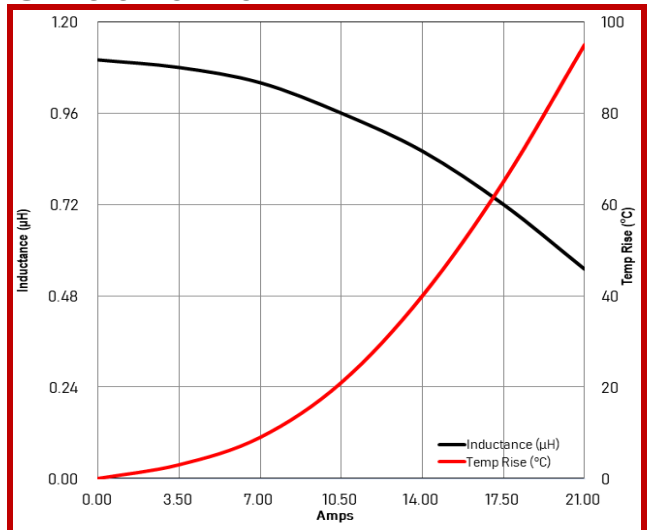
SPI19-0740-R47M



SPI19-0740-R68M



SPI19-0740-1R0M

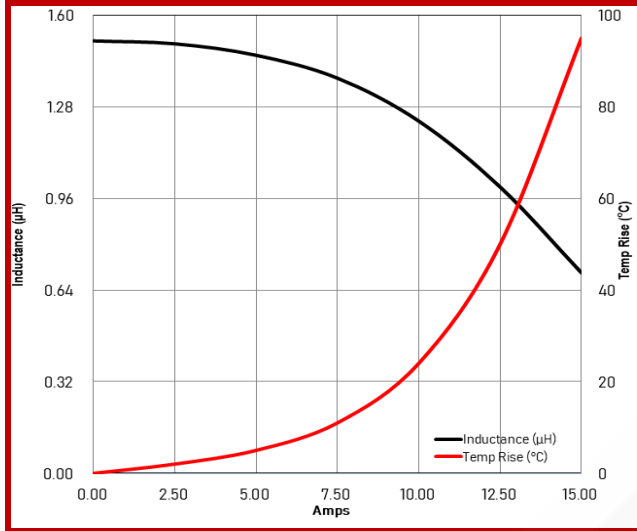




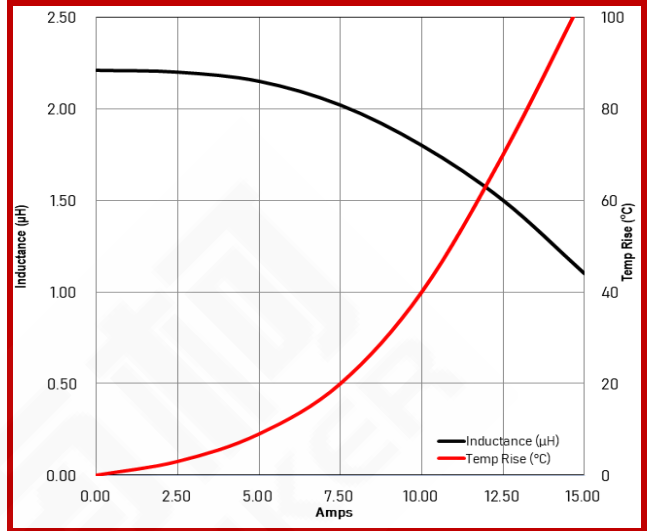
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

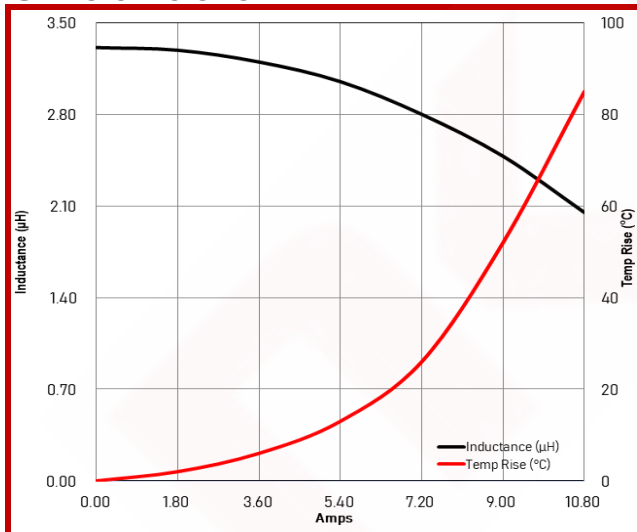
SPI19-0740-1R5M



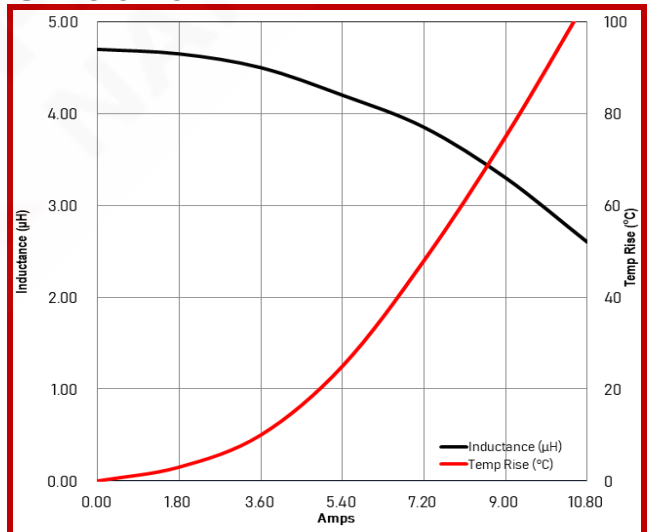
SPI19-0740-2R2M



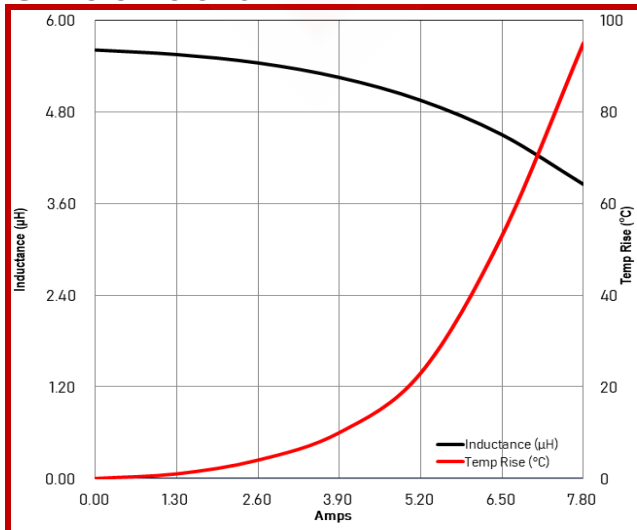
SPI19-0740-3R3M



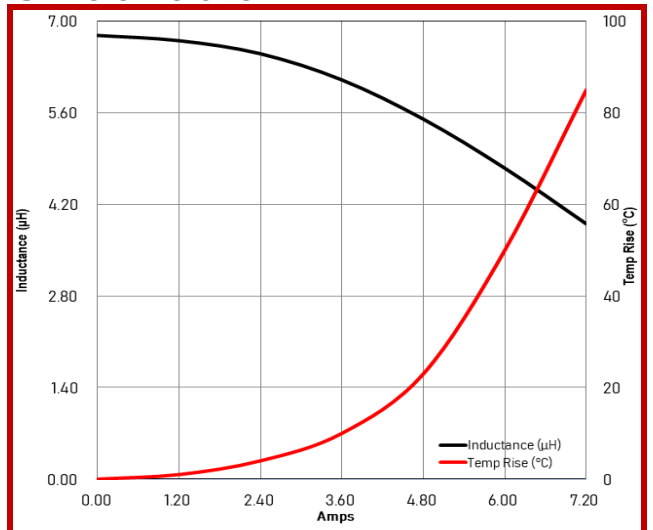
SPI19-0740-4R7M

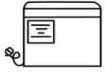


SPI19-0740-5R6M



SPI19-0740-6R8M

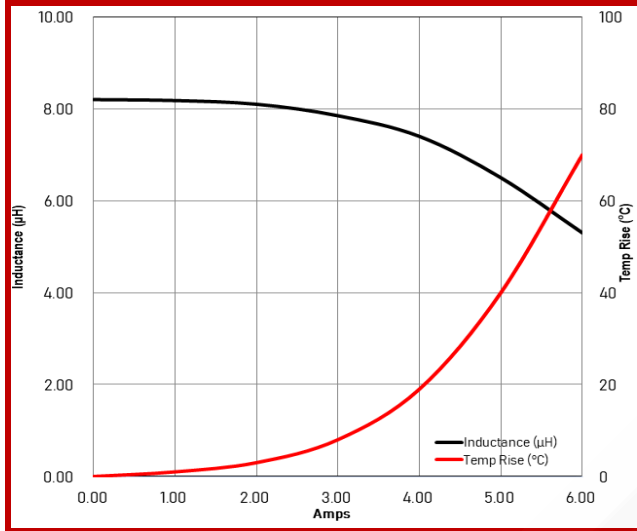




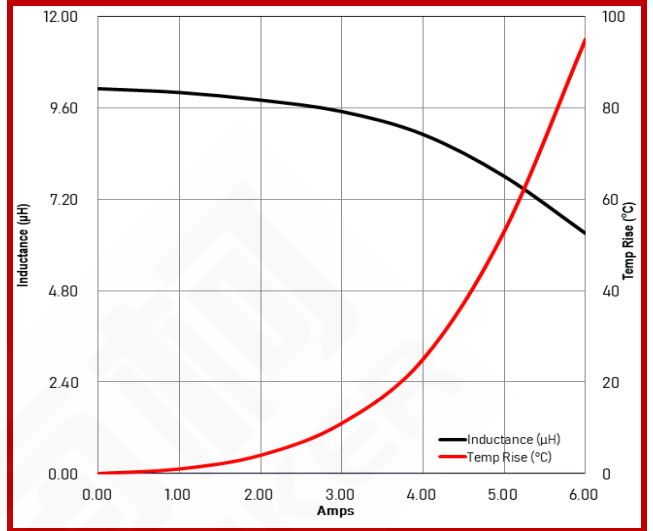
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

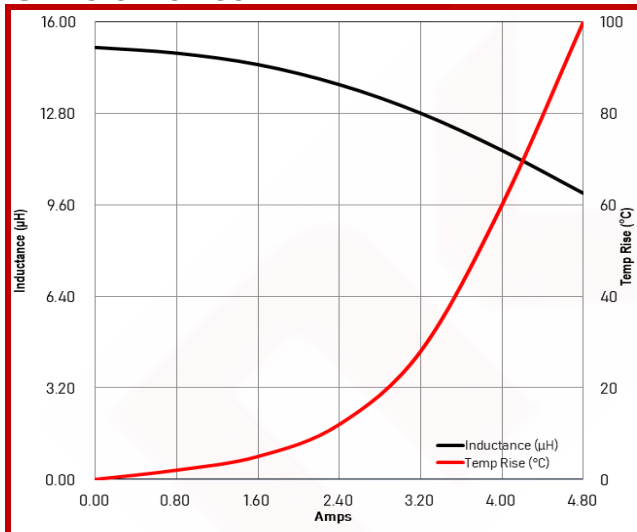
SPI19-0740-8R2M



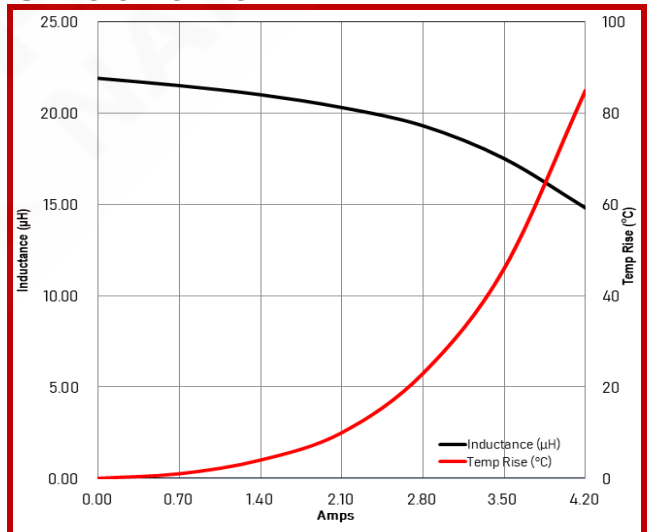
SPI19-0740-100M



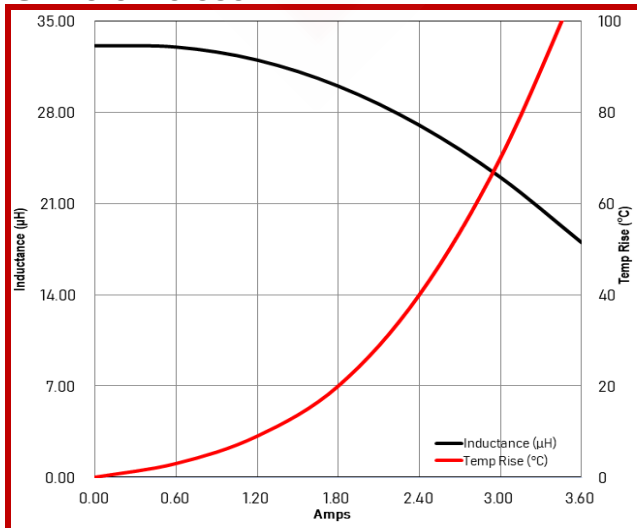
SPI19-0740-150M



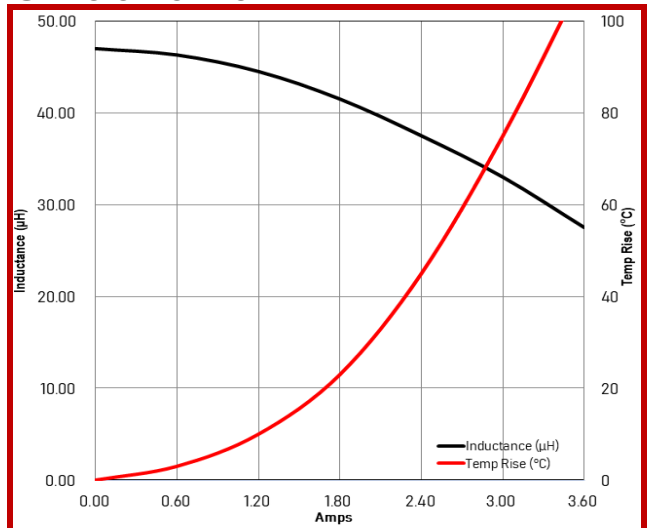
SPI19-0740-220M



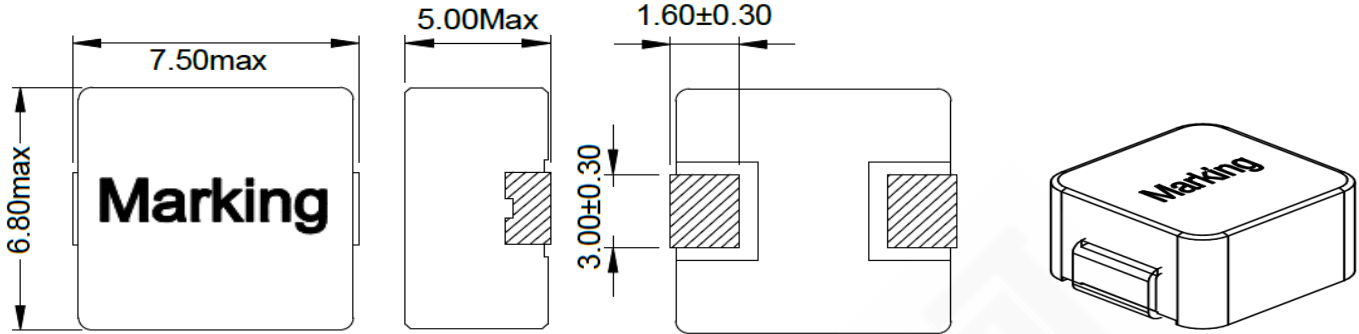
SPI19-0740-330M



SPI19-0740-470M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

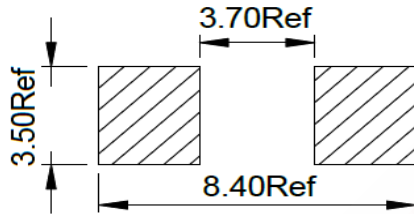


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0750-R22M	0.22 ±20%	20.00	2.70	32.00	100.00	1,000
SPI19-0750-R47M	0.47 ±20%	15.00	4.00	30.00		1,000
SPI19-0750-R68M	0.68 ±20%	14.00	6.00	27.00		1,000
SPI19-0750-1R0M	1.00 ±20%	12.00	6.50	20.00		1,000
SPI19-0750-1R2M	1.20 ±20%	11.00	7.00	17.00		1,000
SPI19-0750-1R5M	1.50 ±20%	10.50	6.80	15.00		1,000
SPI19-0750-2R2M	2.20 ±20%	10.00	12.00	12.00		1,000
SPI19-0750-3R3M	3.30 ±20%	9.00	14.00	11.00		1,000
SPI19-0750-4R7M	4.70 ±20%	7.00	25.00	10.00		1,000
SPI19-0750-5R6M	5.60 ±20%	6.60	31.00	9.50		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

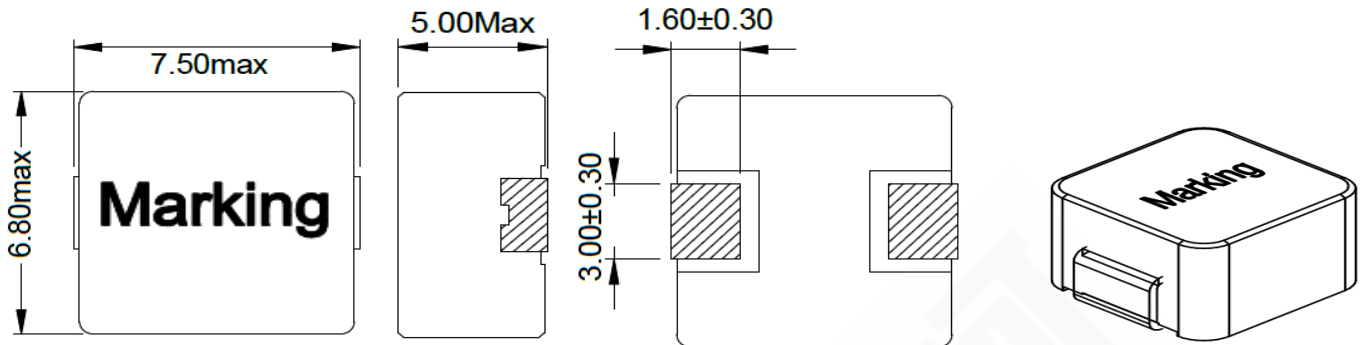
☆ 工作温度: -40°C ~ +125°C

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)

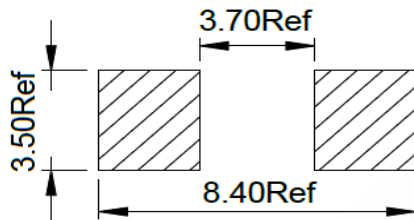


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0750-6R8M	6.80 ±20%	6.50	32.00	9.00	100.00	1,000
SPI19-0750-8R2M	8.20 ±20%	6.00	35.00	8.50		1,000
SPI19-0750-100M	10.00 ±20%	5.00	36.00	7.50		1,000
SPI19-0750-150M	15.00 ±20%	4.50	75.00	7.00		1,000
SPI19-0750-220M	22.00 ±20%	4.00	87.00	5.00		1,000
SPI19-0750-330M	33.00 ±20%	2.50	166.00	4.00		1,000
SPI19-0750-470M	47.00 ±20%	2.20	230.00	3.20		1,000
SPI19-0750-560M	56.00 ±20%	2.00	300.00	2.20		1,000
SPI19-0750-680M	68.00 ±20%	1.40	330.00	1.80		1,000

测试状态

Test Condition

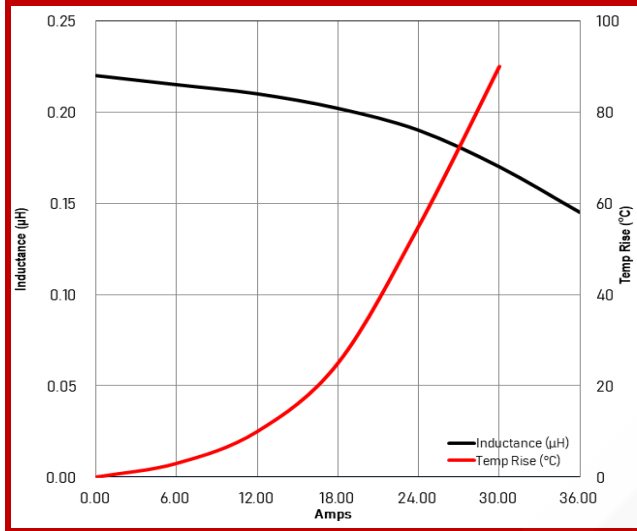
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



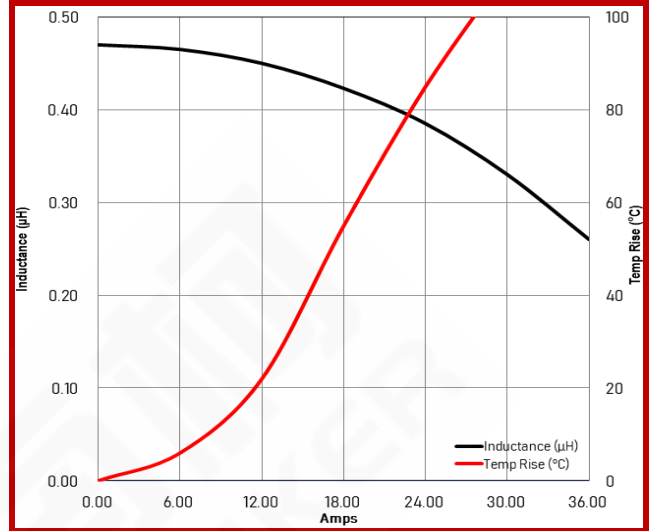
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

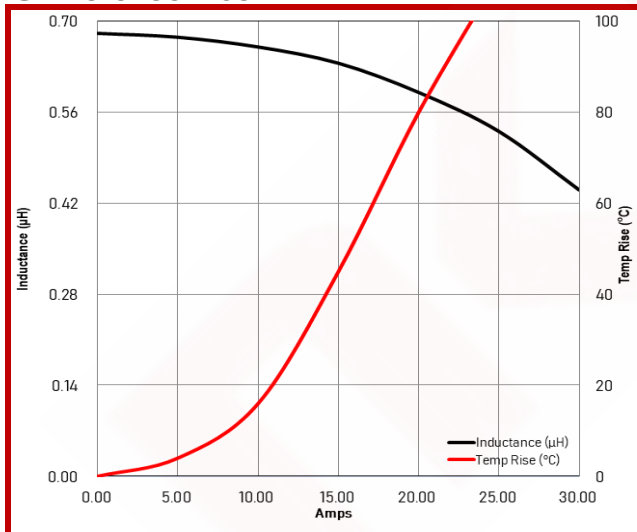
SPI19-0750-R22M



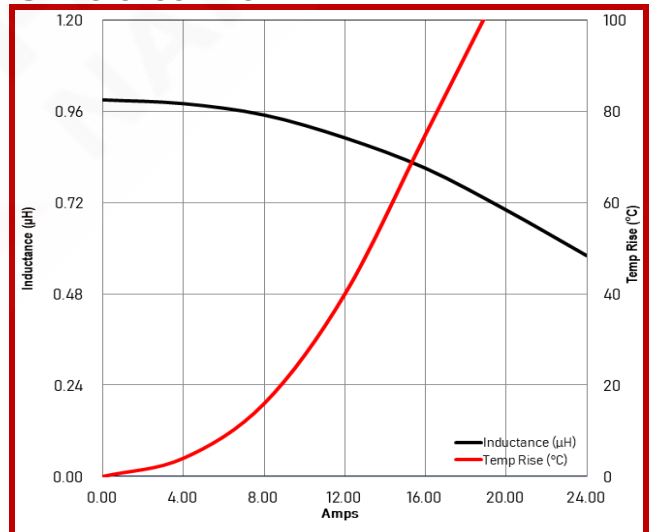
SPI19-0750-R47M



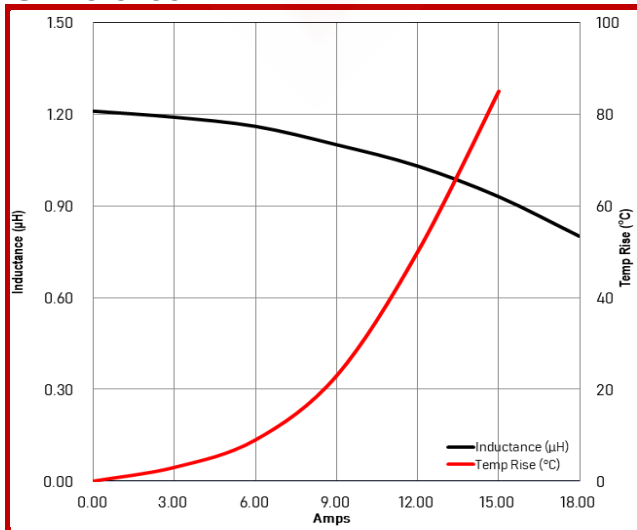
SPI19-0750-R68M



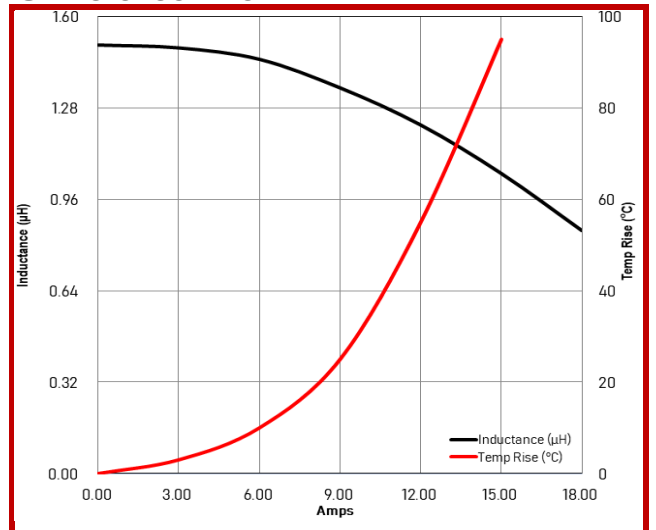
SPI19-0750-1R0M



SPI19-0750-1R2M



SPI19-0750-1R5M

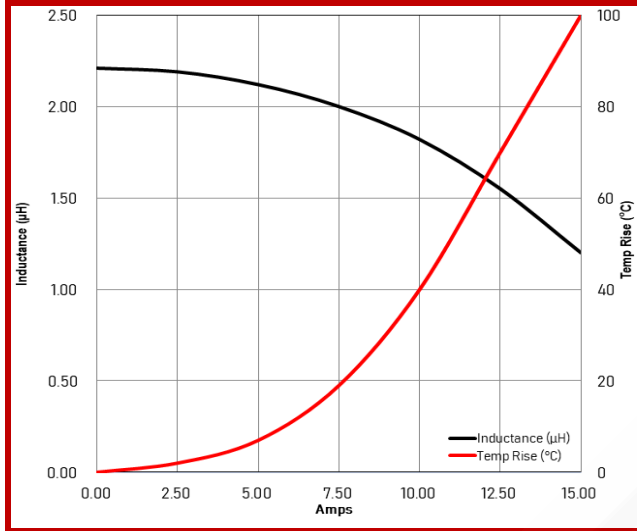




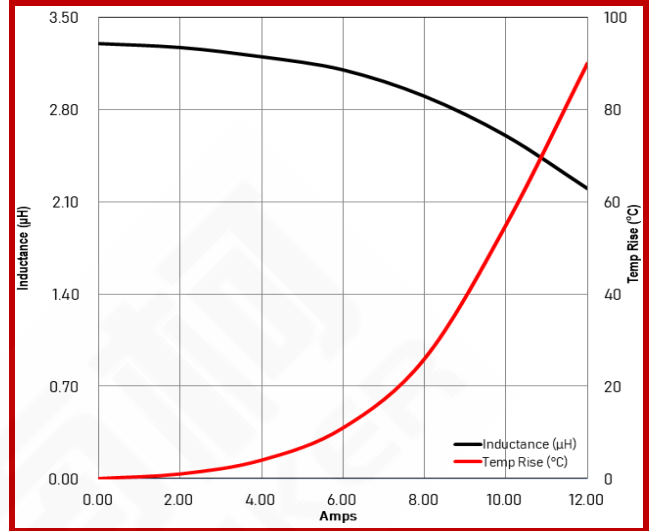
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

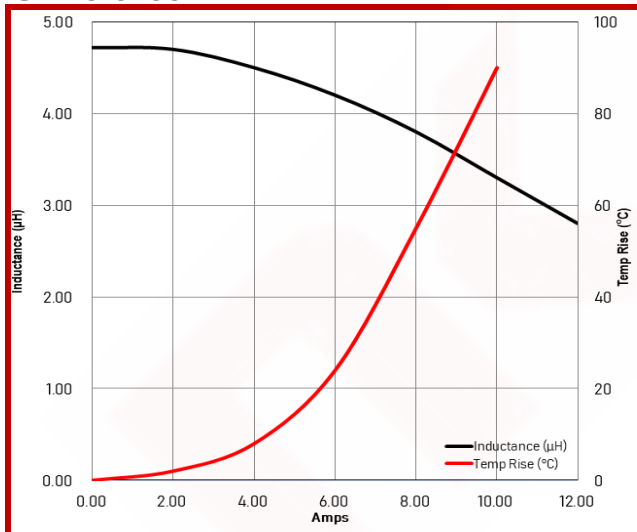
SPI19-0750-2R2M



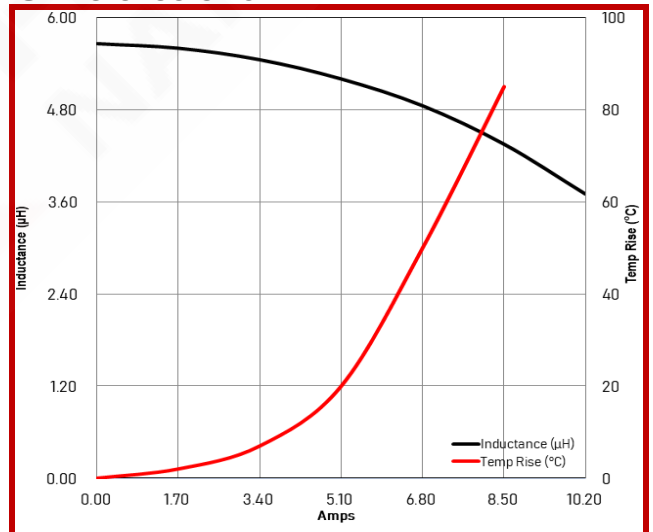
SPI19-0750-3R3M



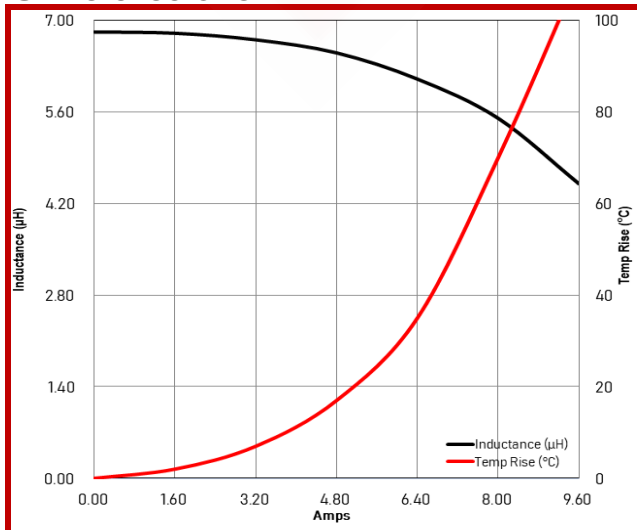
SPI19-0750-4R7M



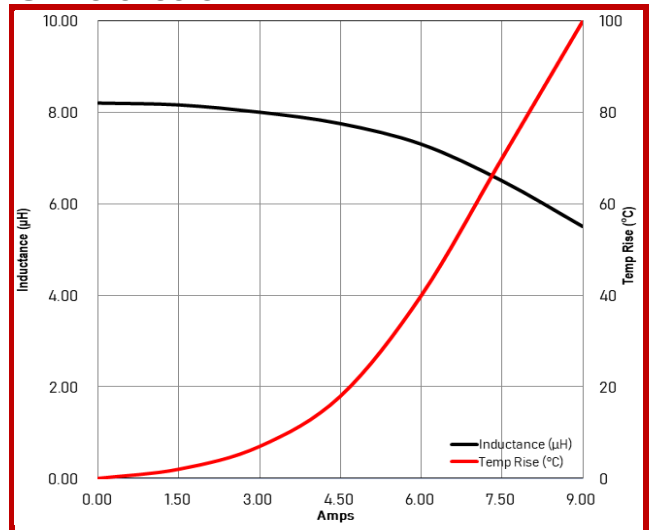
SPI19-0750-5R6M



SPI19-0750-6R8M



SPI19-0750-8R2M

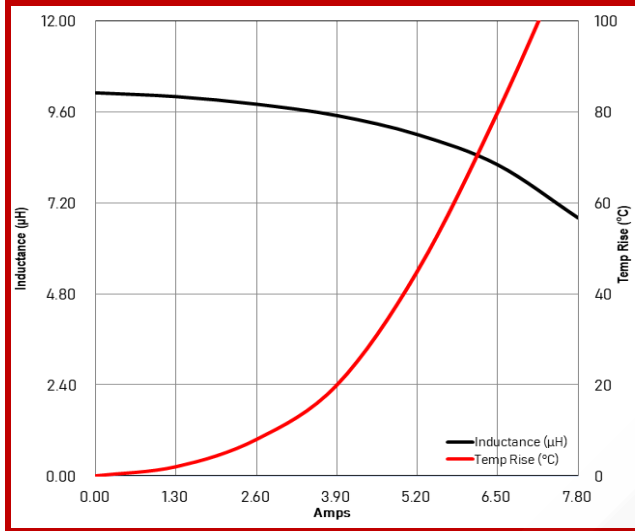




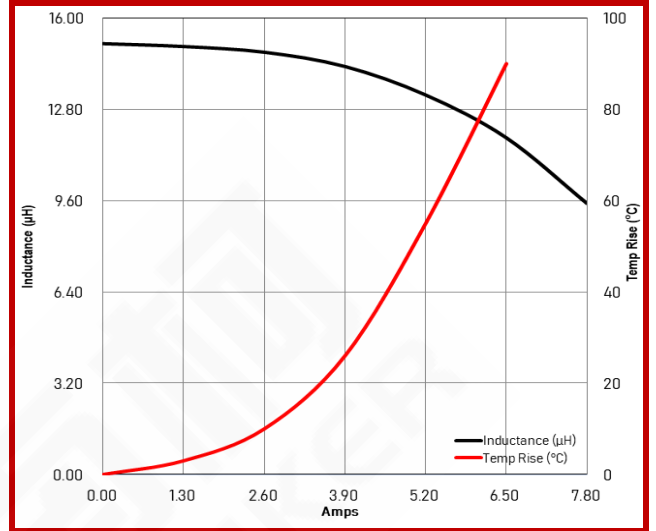
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

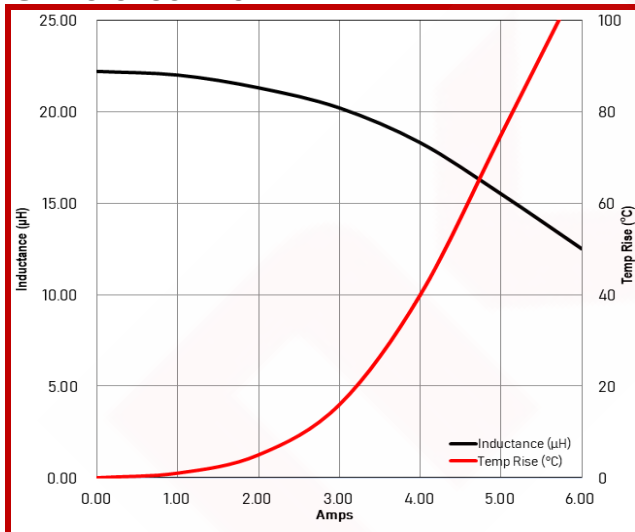
SPI19-0750-100M



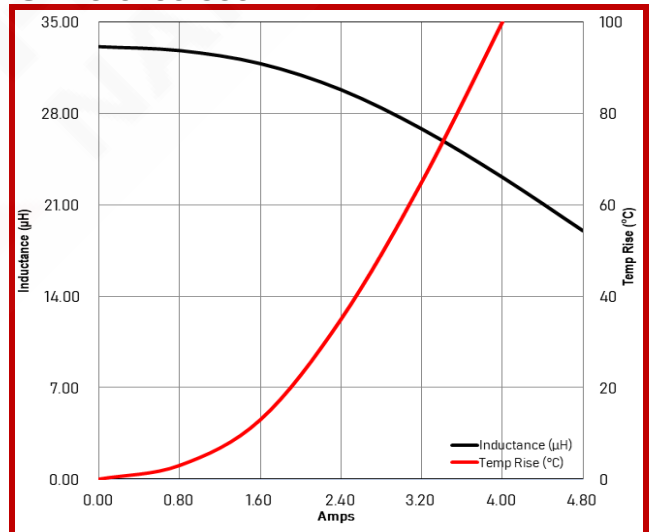
SPI19-0750-150M



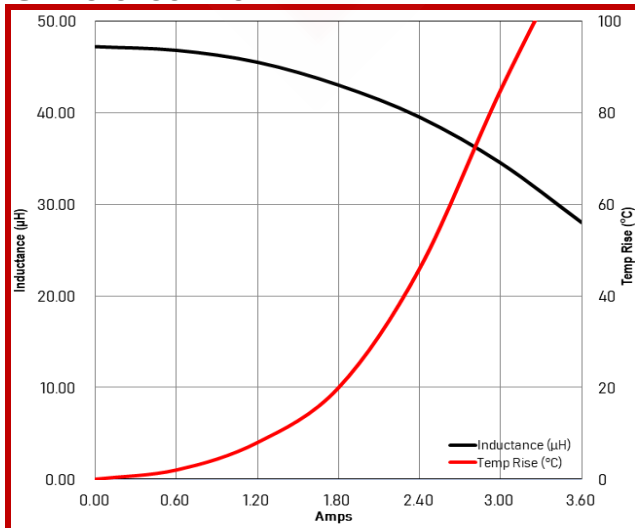
SPI19-0750-220M



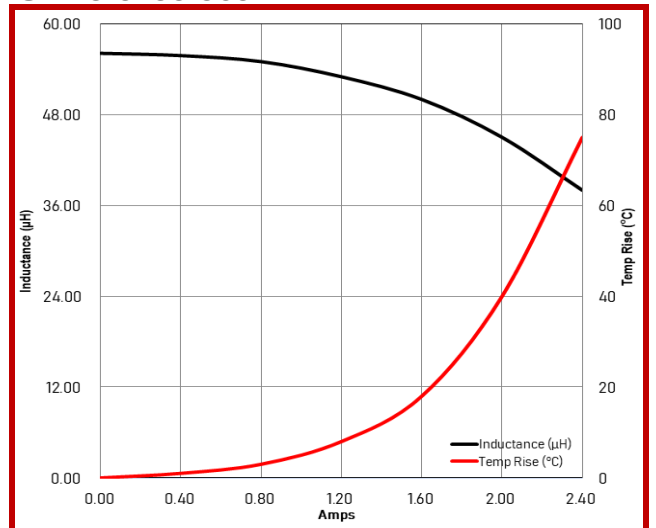
SPI19-0750-330M



SPI19-0750-470M



SPI19-0750-560M

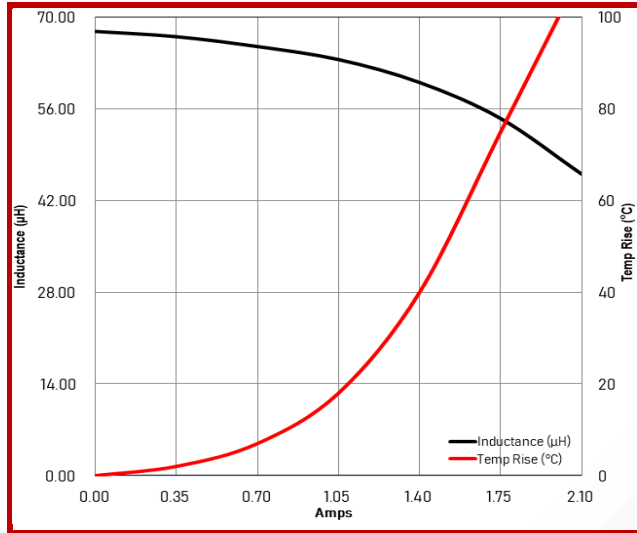




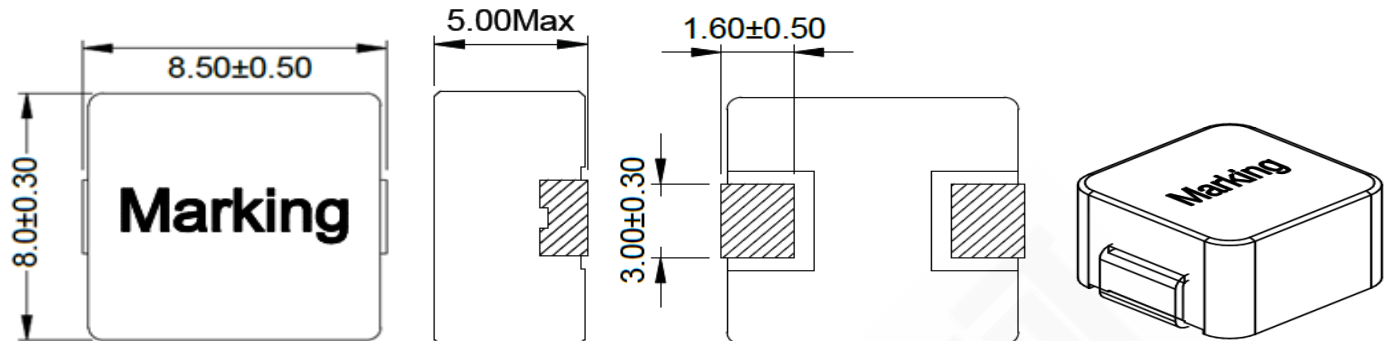
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI19-0750-680M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

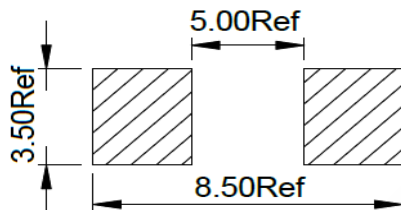


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-0850-1R0M	1.00 ±20%	13.00	7.50	22.00	100.00	1,000
SPI19-0850-2R2M	2.20 ±20%	9.00	11.00	16.00		1,000
SPI19-0850-3R3M	3.30 ±20%	8.80	14.00	13.00		1,000
SPI19-0850-6R8M	6.80 ±20%	6.50	27.00	9.50		1,000
SPI19-0850-100M	10.00 ±20%	5.50	55.00	7.00		1,000
SPI19-0850-150M	15.00 ±20%	5.00	68.00	6.00		1,000
SPI19-0850-220M	22.00 ±20%	3.60	95.00	5.00		1,000
SPI19-0850-330M	33.00 ±20%	2.50	140.00	4.00		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

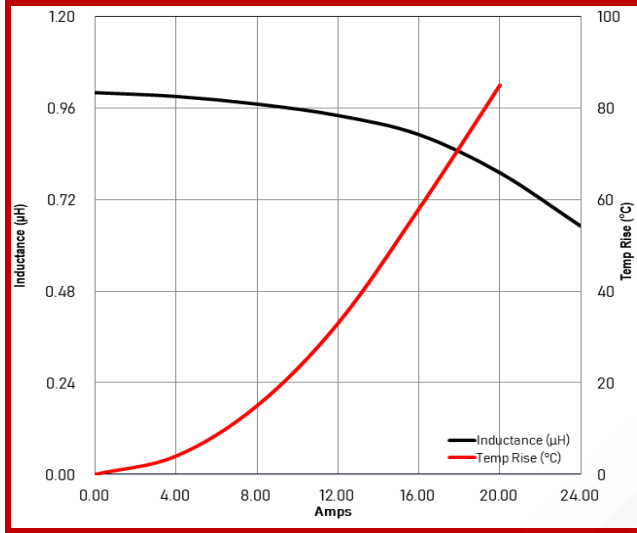
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



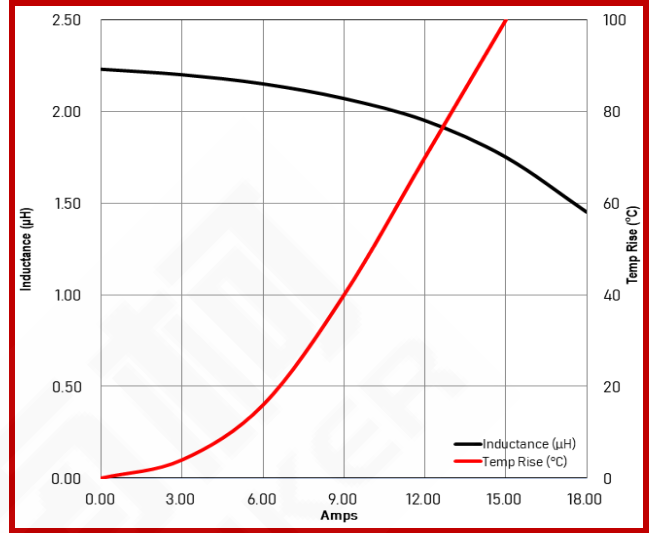
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

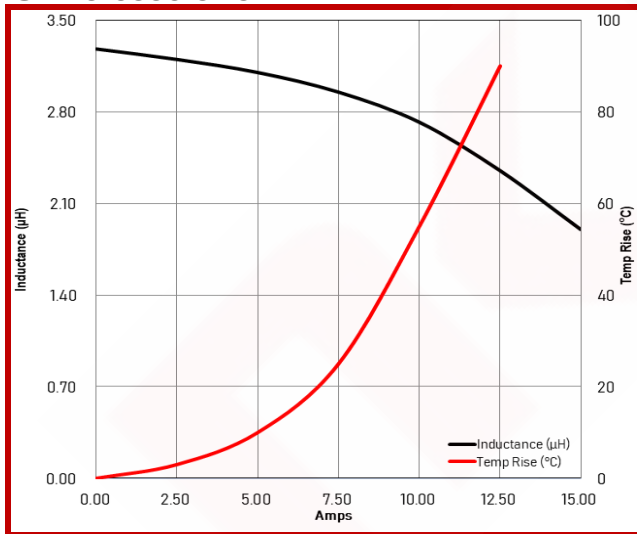
SPI19-0850-1R0M



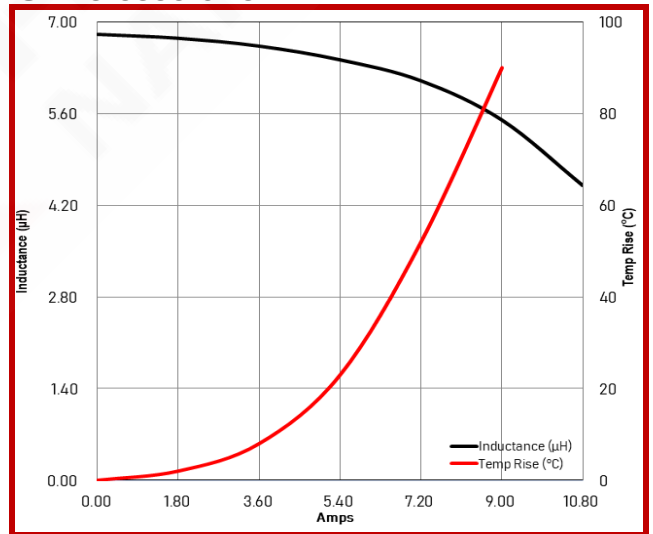
SPI19-0850-2R2M



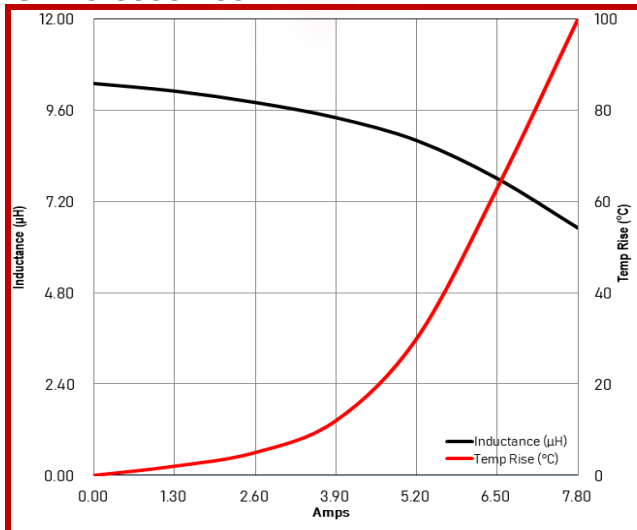
SPI19-0850-3R3M



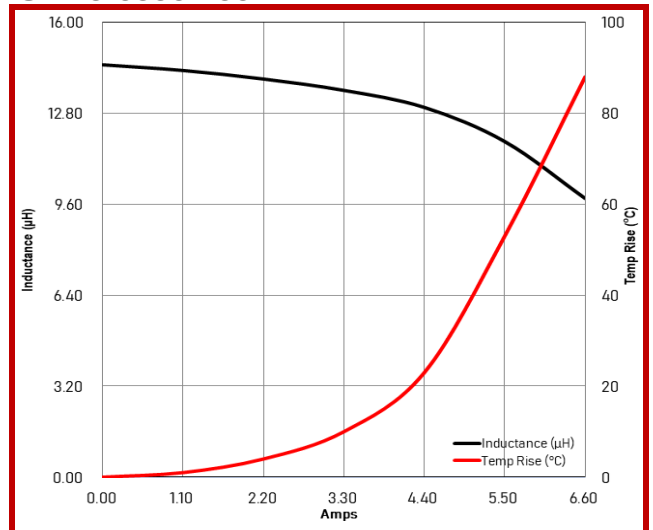
SPI19-0850-6R8M



SPI19-0850-100M



SPI19-0850-150M

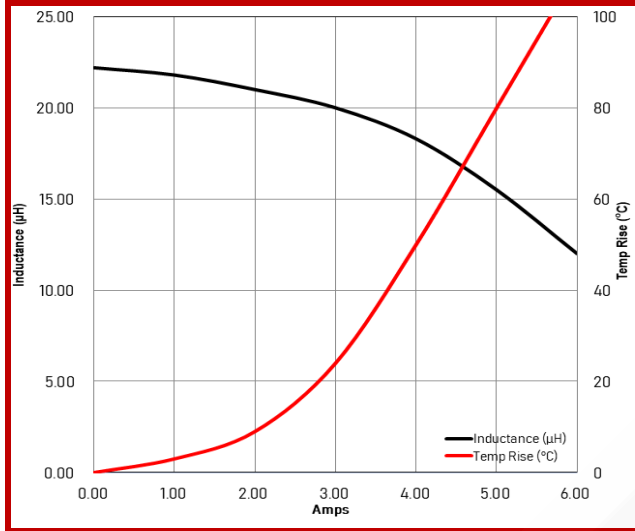




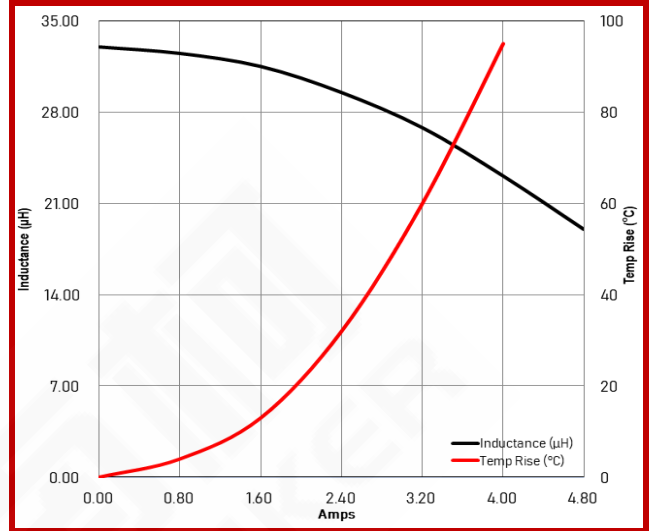
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

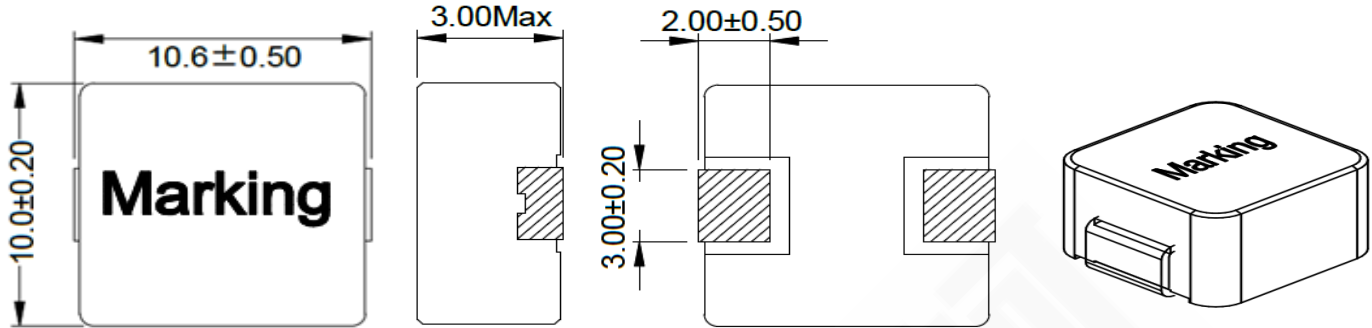
SPI19-0850-220M



SPI19-0850-330M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

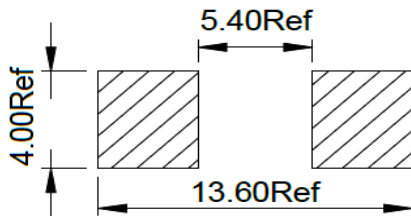


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1030-R15M	0.15 ±20%	32.00	0.85	43.00	100.00	1,000
SPI19-1030-R22M	0.22 ±20%	26.00	1.40	36.00		1,000
SPI19-1030-R24M	0.24 ±20%	26.00	1.40	36.00		1,000
SPI19-1030-R47M	0.47 ±20%	20.00	2.40	25.00		1,000
SPI19-1030-R56M	0.56 ±20%	19.00	2.60	24.00		1,000
SPI19-1030-R68M	0.68 ±20%	16.00	4.00	23.00		1,000
SPI19-1030-1R0M	1.00 ±20%	13.00	6.00	21.00		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

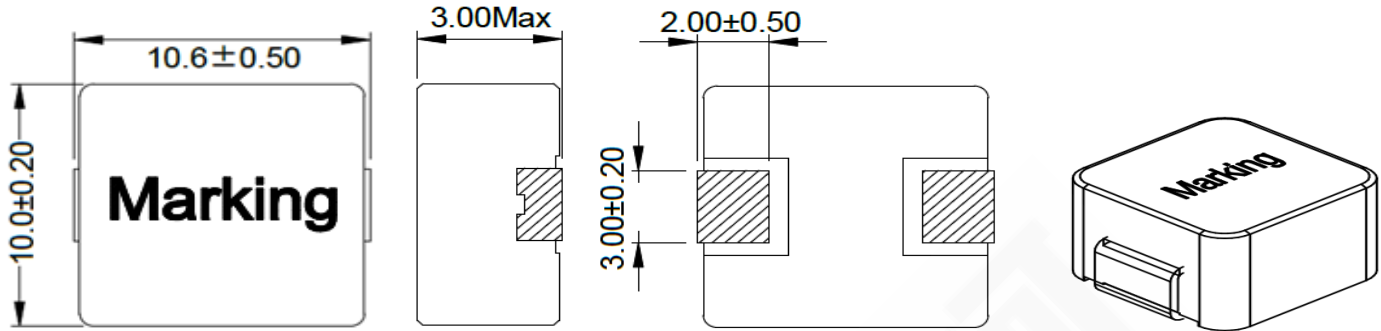
☆ 工作温度: -40°C ~ +125°C

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)

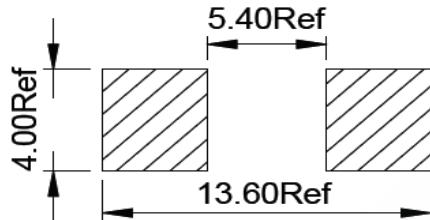


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1030-1R5M	1.50 ±20%	11.00	7.50	20.00	100.00	1,000
SPI19-1030-2R2M	2.20 ±20%	8.50	11.50	16.00		1,000
SPI19-1030-3R3M	3.30 ±20%	7.00	17.00	15.00		1,000
SPI19-1030-4R7M	4.70 ±20%	6.00	24.00	12.00		1,000
SPI19-1030-5R6M	5.60 ±20%	5.50	29.00	10.00		1,000
SPI19-1030-6R8M	6.80 ±20%	5.00	36.00	9.00		1,000
SPI19-1030-100M	10.00 ±20%	4.30	52.00	7.50		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

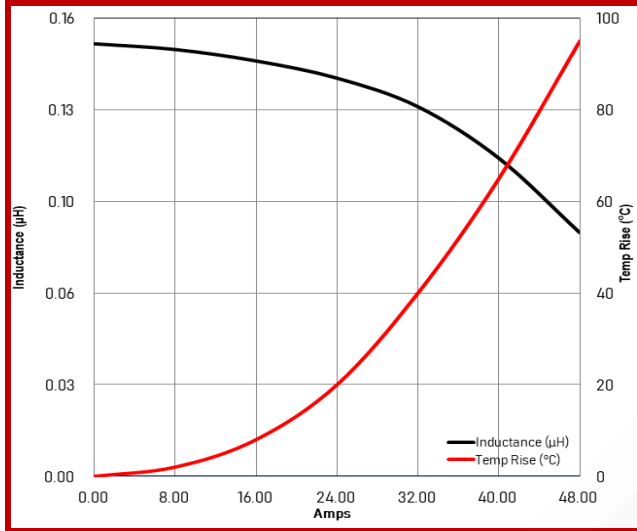
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



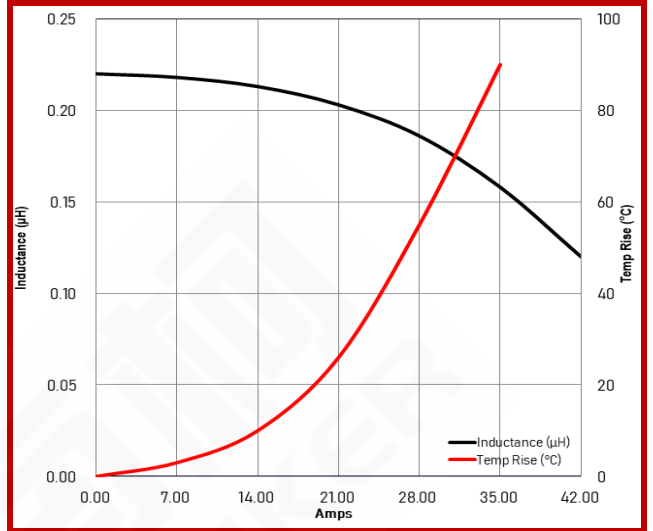
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

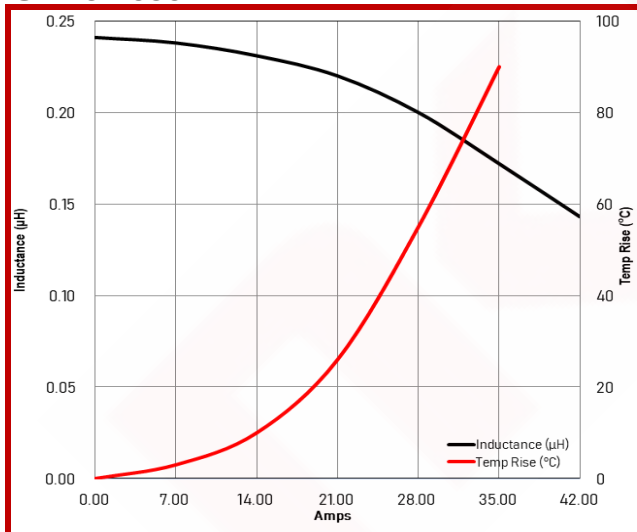
SPI19-1030-R15M



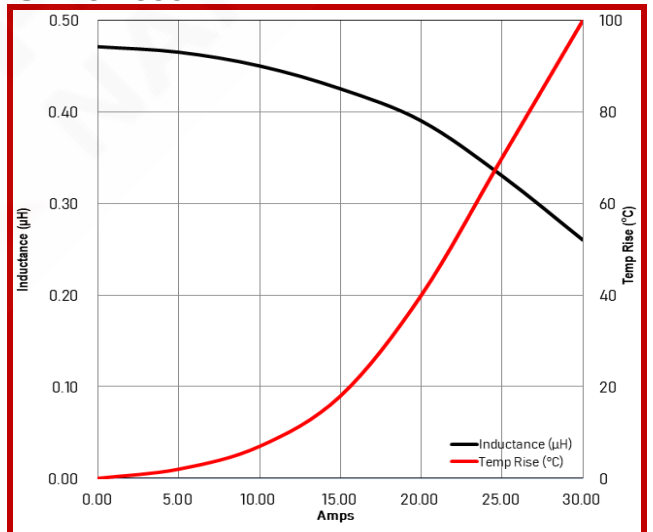
SPI19-1030-R22M



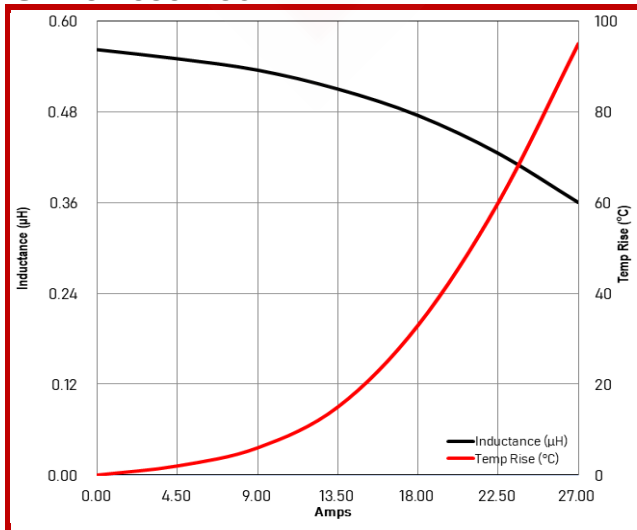
SPI19-1030-R24M



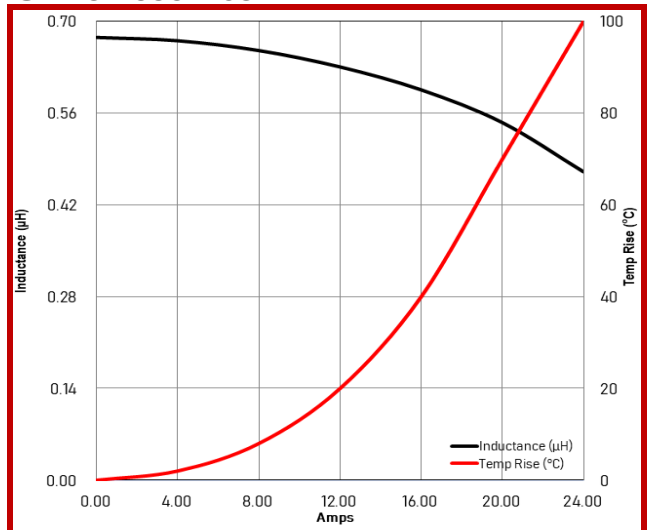
SPI19-1030-R47M



SPI19-1030-R56M



SPI19-1030-R68M

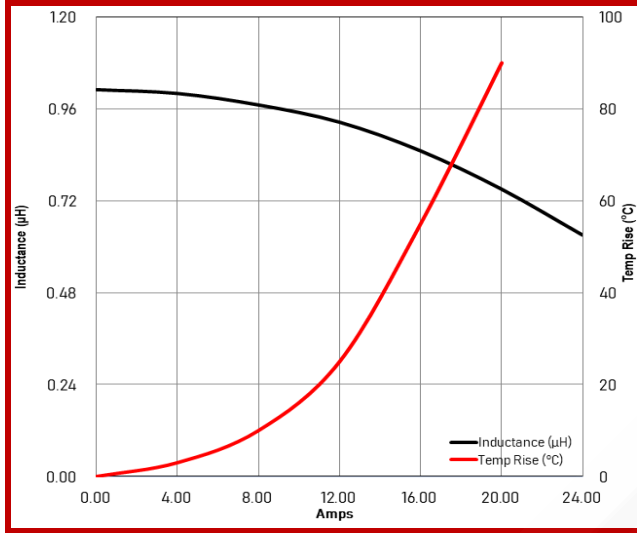




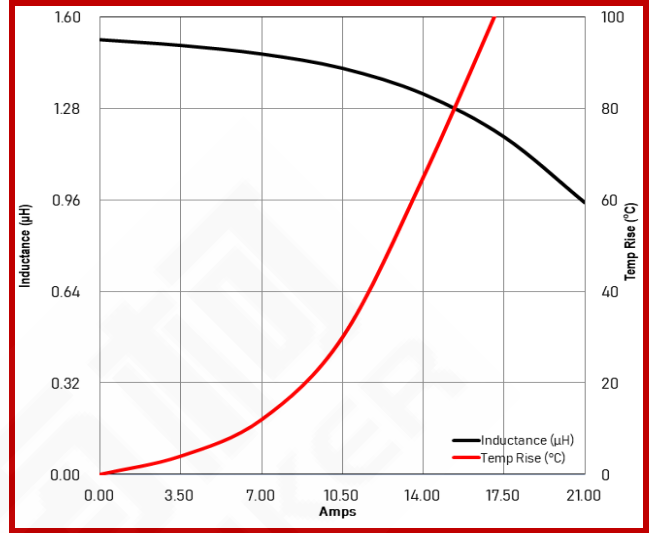
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

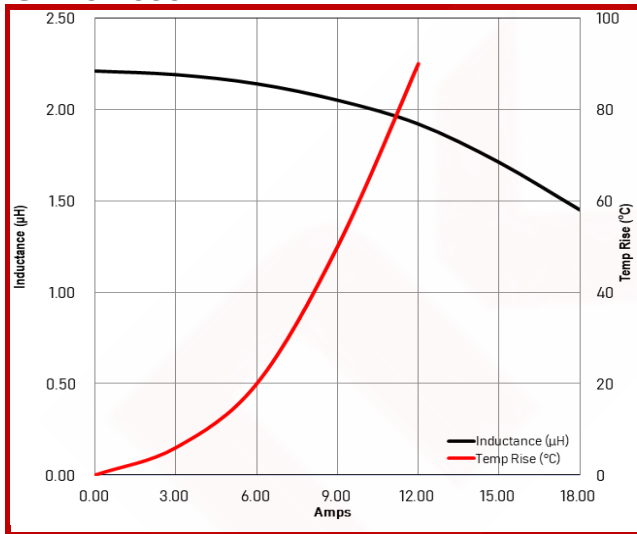
SPI19-1030-1R0M



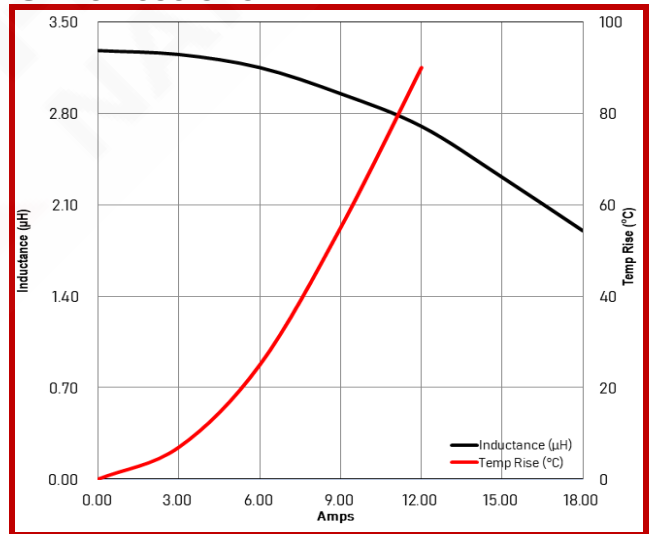
SPI19-1030-1R5M



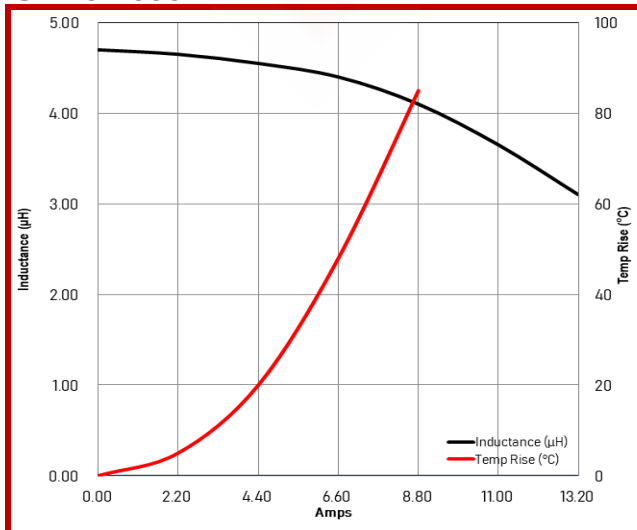
SPI19-1030-2R2M



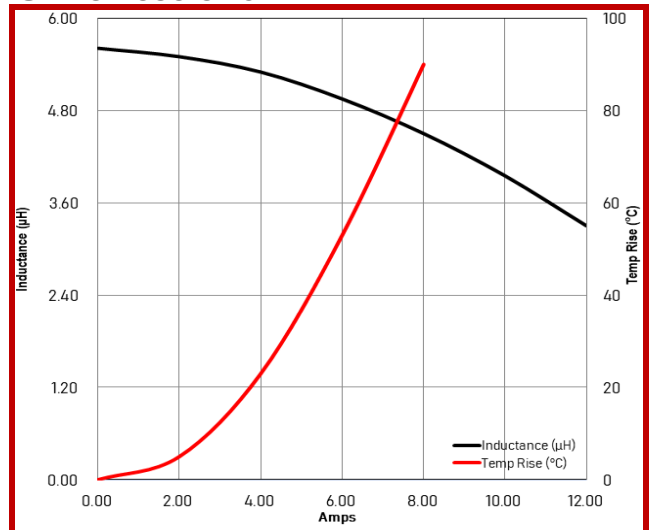
SPI19-1030-3R3M



SPI19-1030-4R7M



SPI19-1030-5R6M

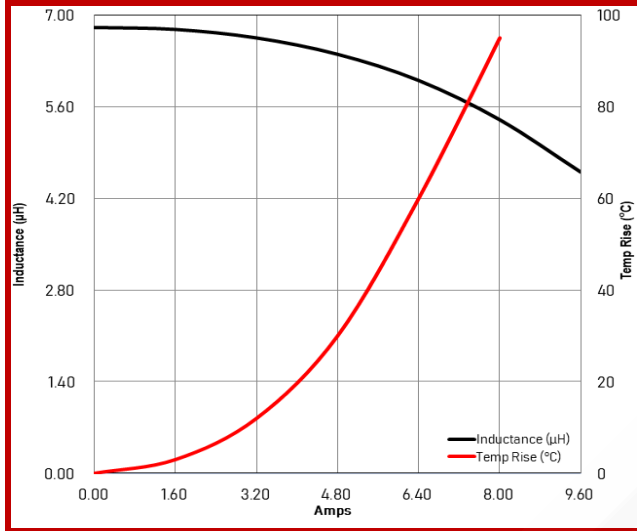




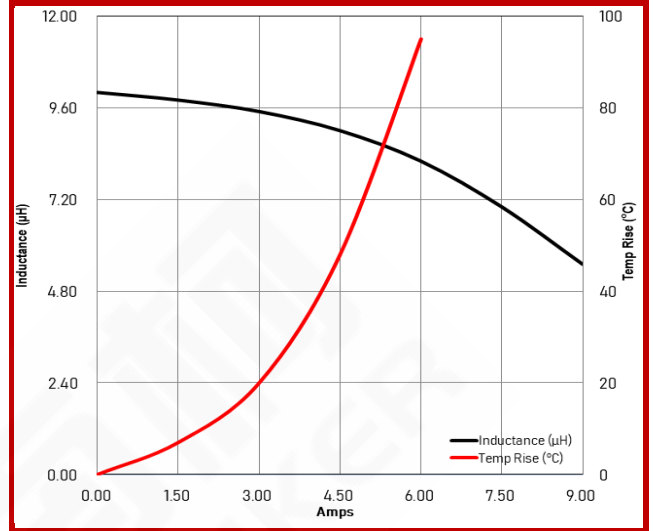
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

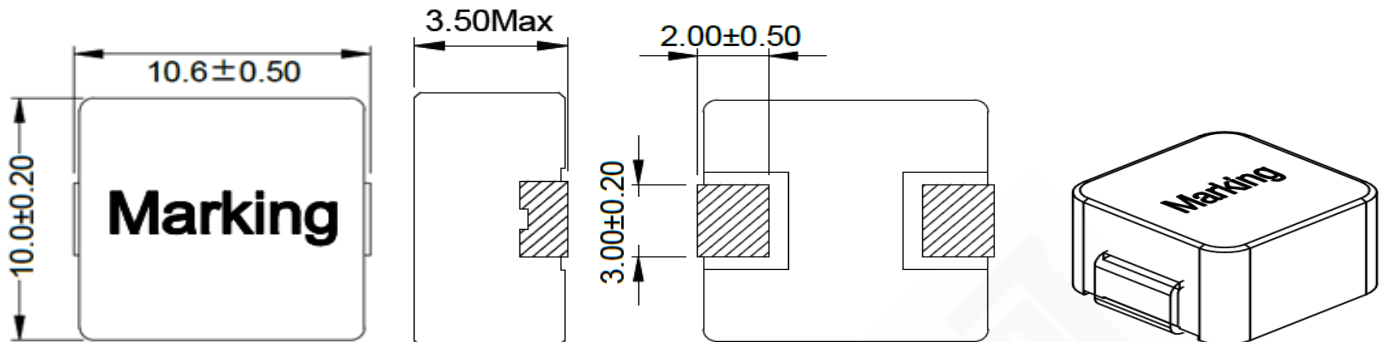
SPI19-1030-6R8M



SPI19-1030-100M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

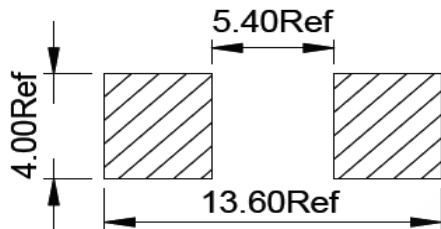


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1035-R47M	0.47 ±20%	32.00	2.00	55.00	100.00	1,000
SPI19-1035-R68M	0.68 ±20%	24.00	3.40	40.00		1,000
SPI19-1035-1R0M	1.00 ±20%	23.00	3.50	40.00		1,000
SPI19-1035-1R5M	1.50 ±20%	19.00	5.50	35.00		1,000
SPI19-1035-2R2M	2.20 ±20%	16.00	8.00	29.00		1,000
SPI19-1035-3R3M	3.30 ±20%	12.00	12.00	27.00		1,000
SPI19-1035-4R7M	4.70 ±20%	10.00	15.00	24.00		1,000
SPI19-1035-6R8M	6.80 ±20%	9.00	22.00	18.00		1,000
SPI19-1035-8R2M	8.20 ±20%	8.50	28.00	16.00		1,000
SPI19-1035-100M	10.00 ±20%	7.00	34.00	14.00		1,000
SPI19-1035-150M	15.00 ±20%	4.50	80.00	5.50		1,000
SPI19-1035-220M	22.00 ±20%	3.00	90.00	4.50		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

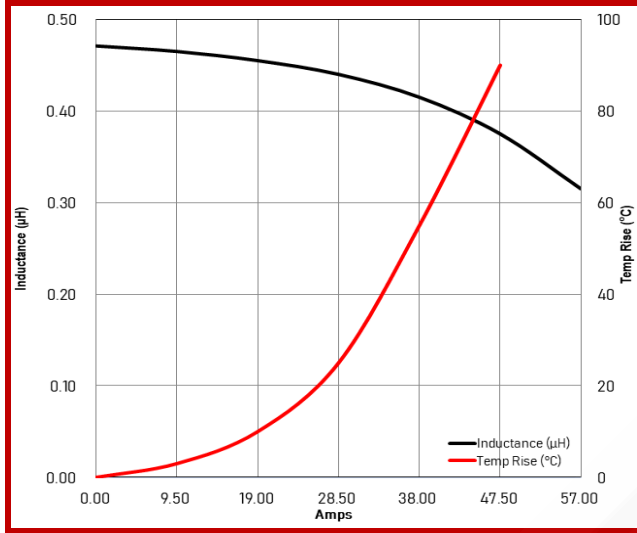
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



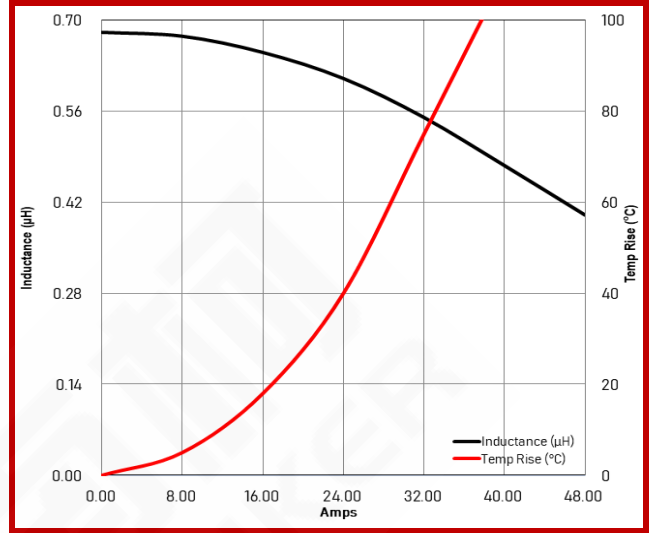
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

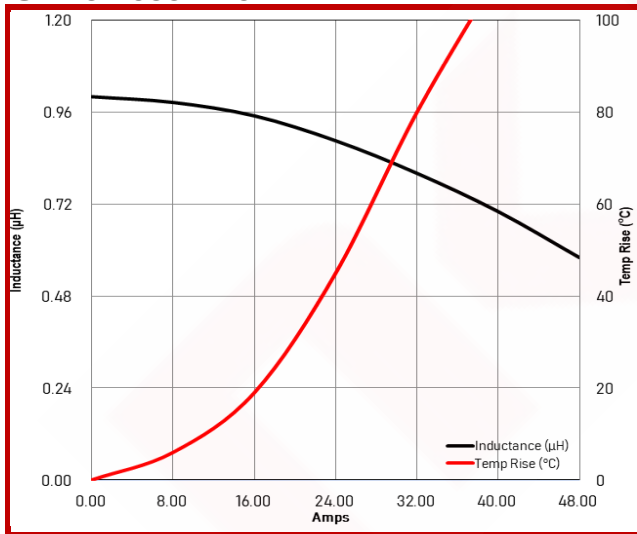
SPI19-1035-R47M



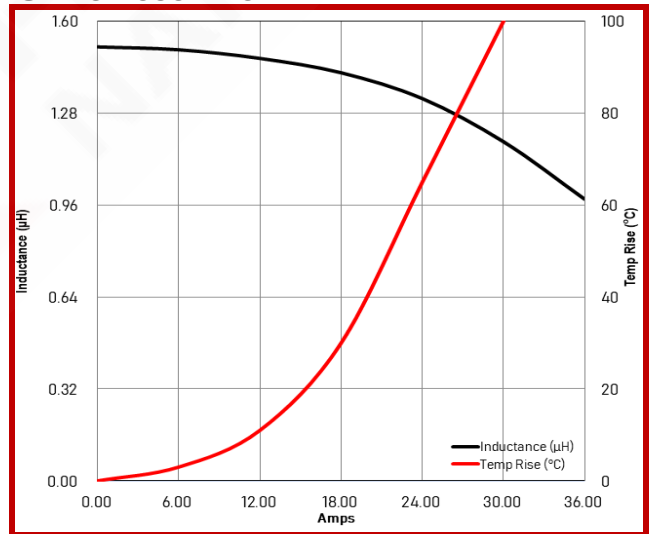
SPI19-1035-R68M



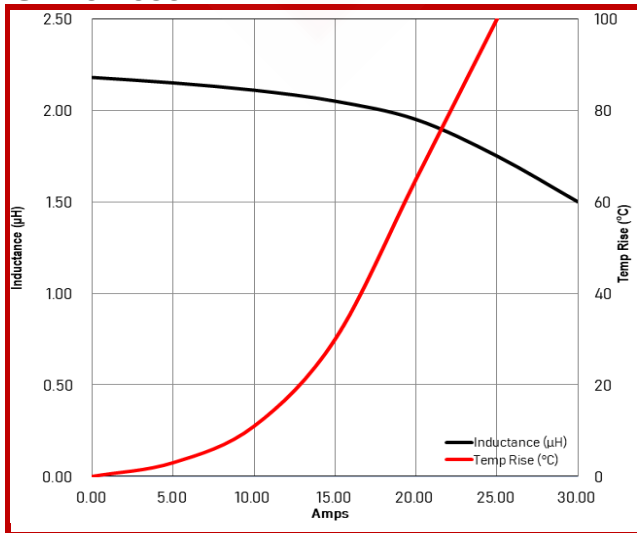
SPI19-1035-1R0M



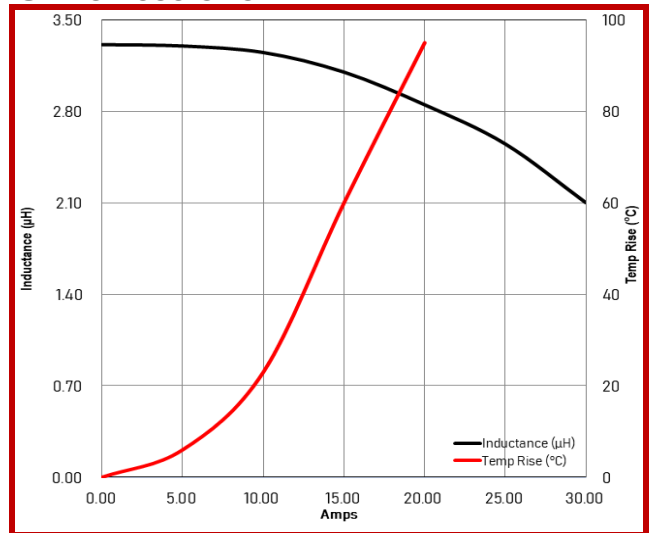
SPI19-1035-1R5M



SPI19-1035-2R2M



SPI19-1035-3R3M

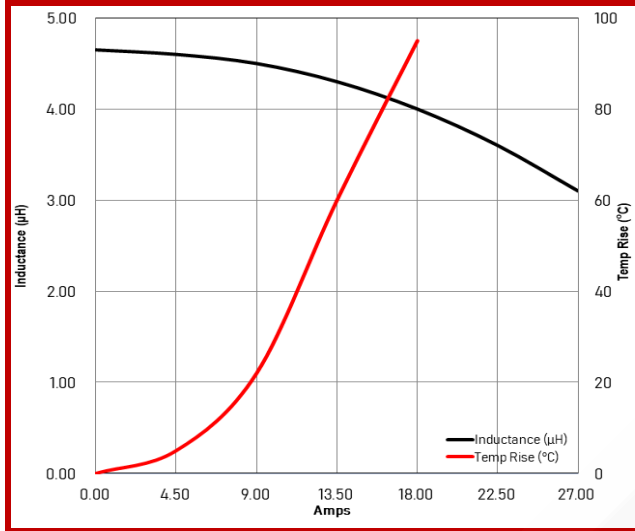




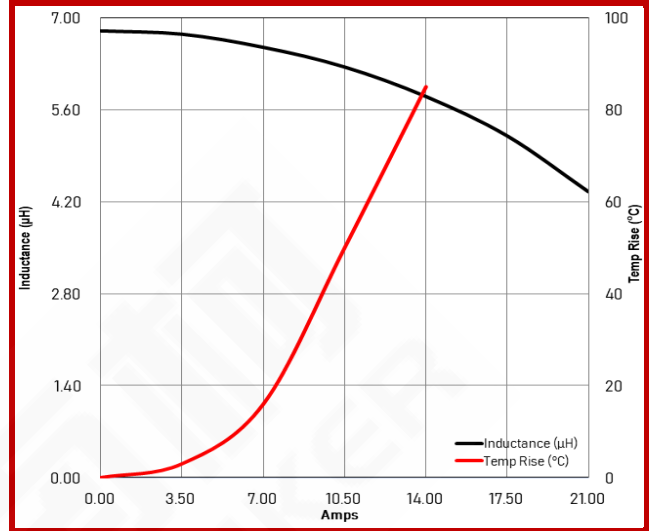
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

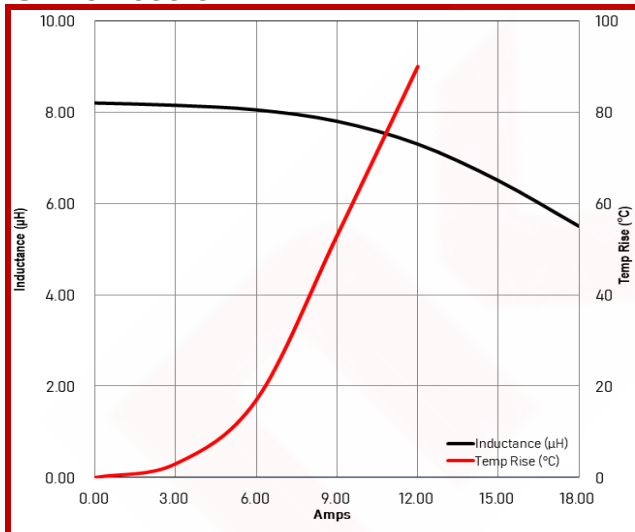
SPI19-1035-4R7M



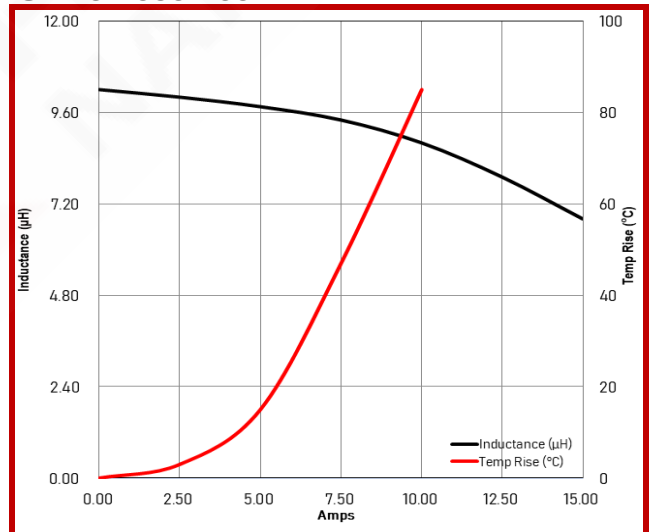
SPI19-1035-6R8M



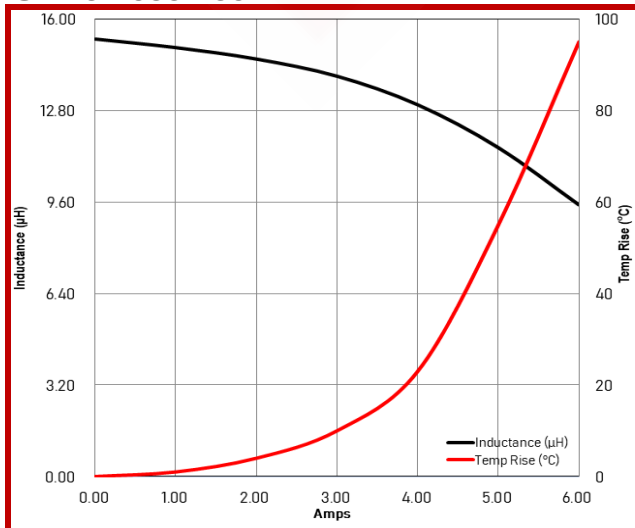
SPI19-1035-8R2M



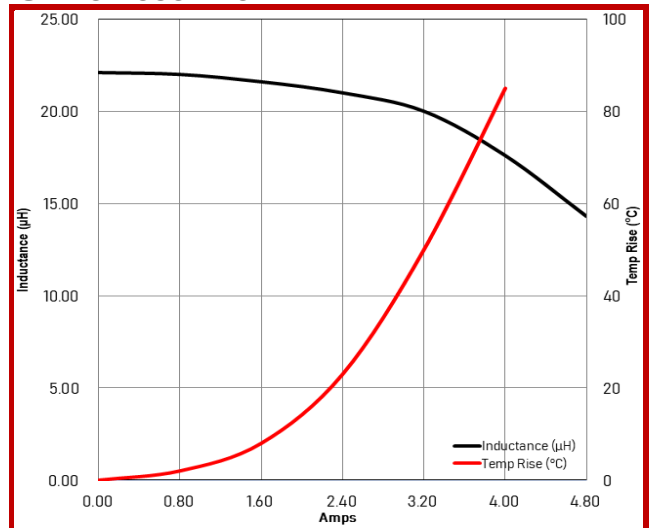
SPI19-1035-100M



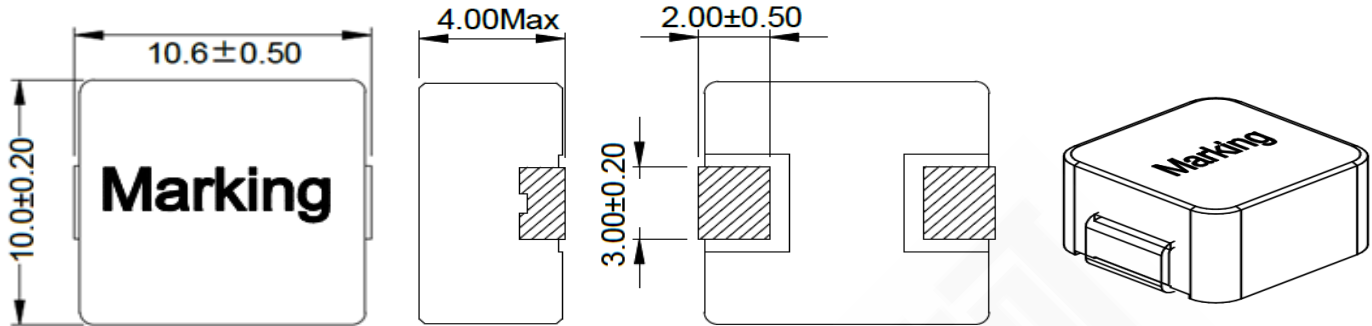
SPI19-1035-150M



SPI19-1035-220M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

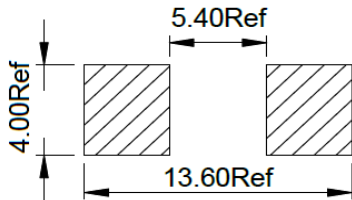


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤ 1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1040-R15M	0.15 ±20%	55.00	0.50	75.00	100.00	1,000
SPI19-1040-R22M	0.22 ±20%	42.00	0.85	48.00		1,000
SPI19-1040-R24M	0.24 ±20%	42.00	0.85	48.00		1,000
SPI19-1040-R33M	0.33 ±20%	31.00	1.50	46.00		1,000
SPI19-1040-R47M	0.47 ±20%	31.00	1.50	42.00		1,000
SPI19-1040-R56M	0.56 ±20%	26.50	2.00	33.00		1,000
SPI19-1040-R68M	0.68 ±20%	25.00	2.40	33.00		1,000
SPI19-1040-R82M	0.82 ±20%	23.00	2.80	30.00		1,000
SPI19-1040-1R0M	1.00 ±20%	21.50	3.20	28.00		1,000
SPI19-1040-1R5M	1.50 ±20%	18.00	4.20	26.00		1,000
SPI19-1040-2R2M	2.20 ±20%	12.00	8.00	20.00		1,000
SPI19-1040-3R3M	3.30 ±20%	10.70	12.00	16.00		1,000
SPI19-1040-4R7M	4.70 ±20%	9.90	15.00	15.00		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

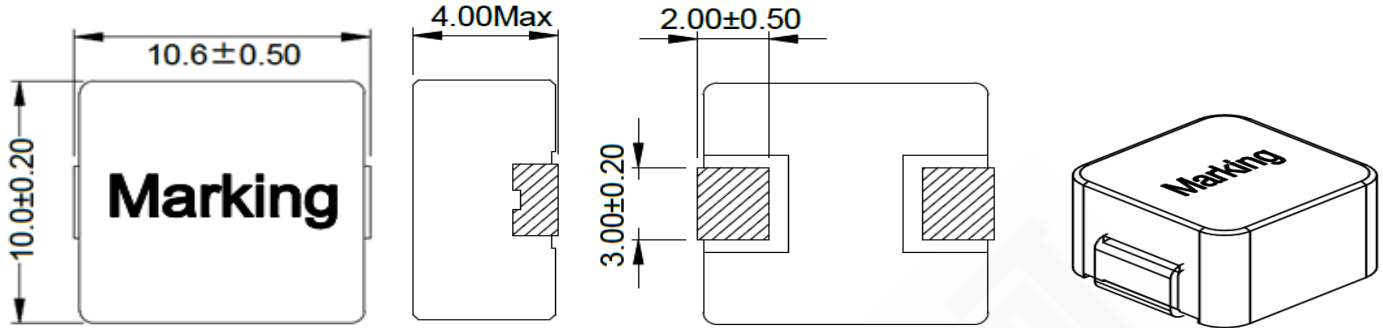
☆ 工作温度: -40°C ~ +125°C

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)

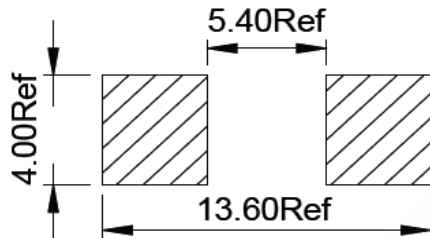


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1040-5R6M	5.60 ±20%	8.10	23.00	14.00	100.00	1,000
SPI19-1040-6R8M	6.80 ±20%	7.70	23.50	12.00		1,000
SPI19-1040-8R2M	8.20 ±20%	7.30	26.00	9.50		1,000
SPI19-1040-100M	10.00 ±20%	6.90	30.00	9.30		1,000
SPI19-1040-150M	15.00 ±20%	5.80	42.00	7.00		1,000
SPI19-1040-220M	22.00 ±20%	4.70	66.00	6.00		1,000
SPI19-1040-330M	33.00 ±20%	3.70	110.00	5.00		1,000
SPI19-1040-470M	47.00 ±20%	3.20	145.00	4.50		1,000
SPI19-1040-560M	56.00 ±20%	2.80	185.00	4.00		1,000
SPI19-1040-680M	68.00 ±20%	2.60	195.00	3.80		1,000
SPI19-1040-820M	82.00 ±20%	2.20	290.00	3.00		1,000
SPI19-1040-101M	100.00 ±20%	2.00	300.00	3.00		1,000

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

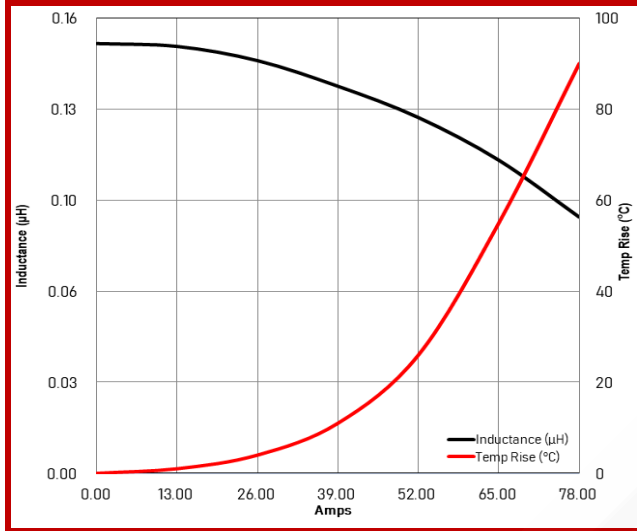
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



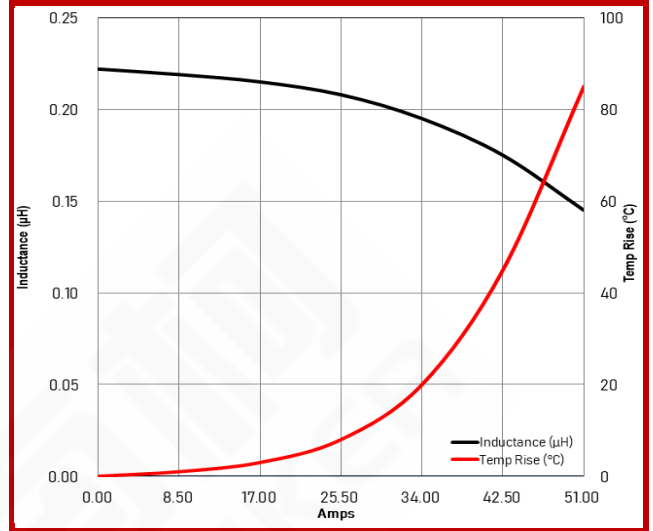
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

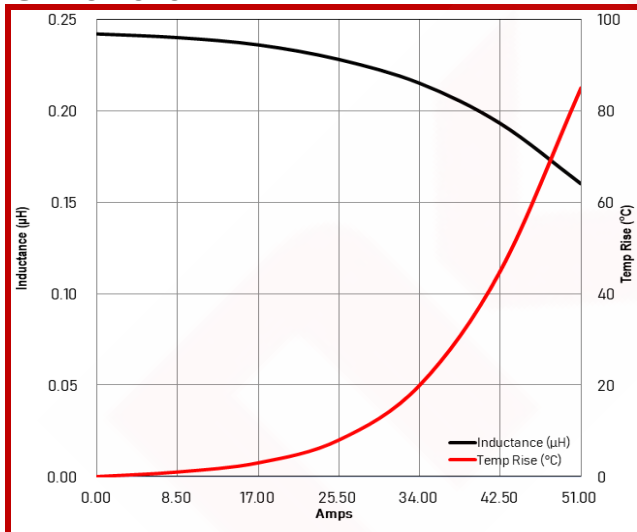
SPI19-1040-R15M



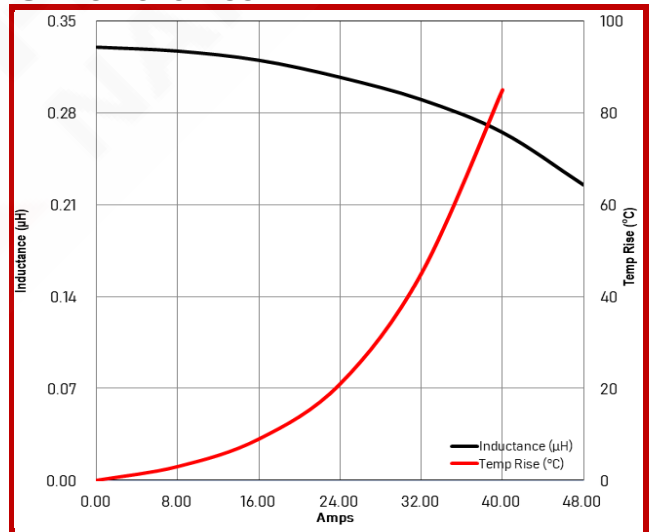
SPI19-1040-R22M



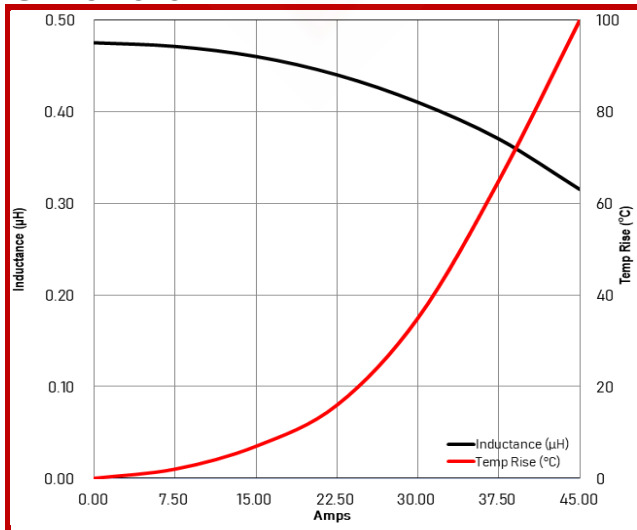
SPI19-1040-R24M



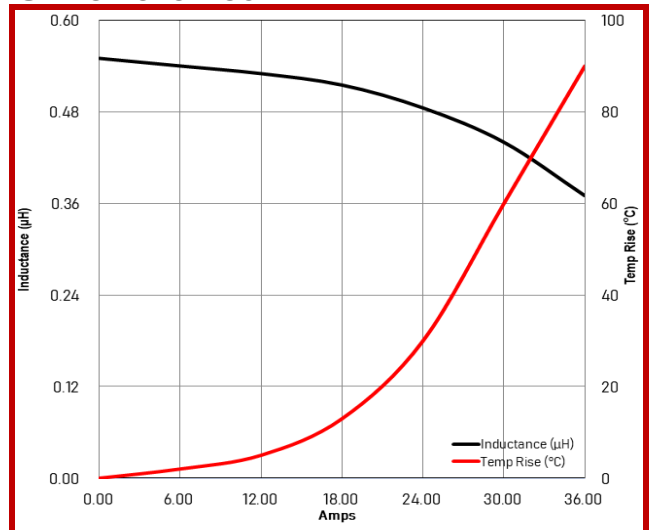
SPI19-1040-R33M



SPI19-1040-R47M



SPI19-1040-R56M

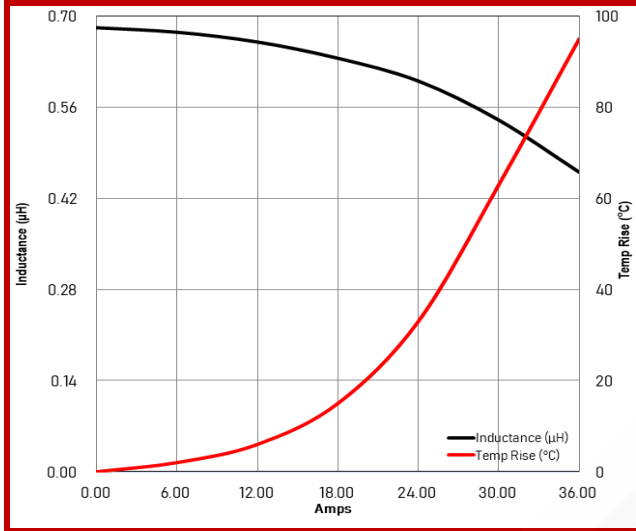




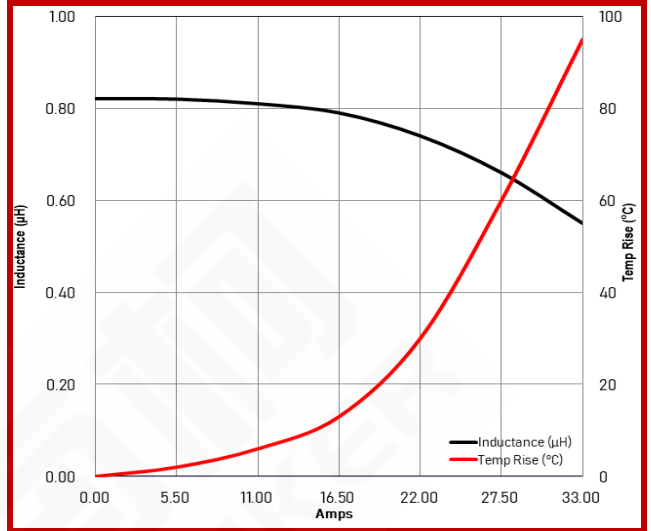
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

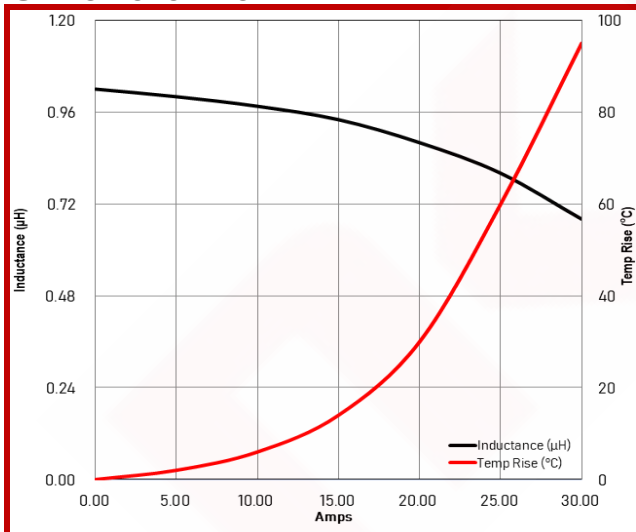
SPI19-1040-R68M



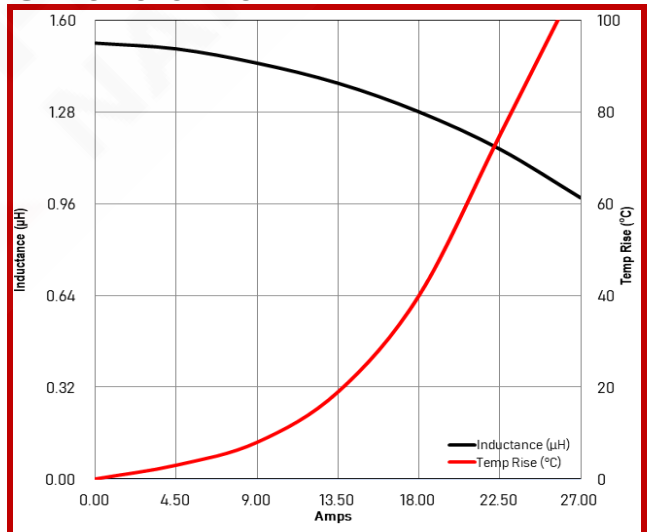
SPI19-1040-R82M



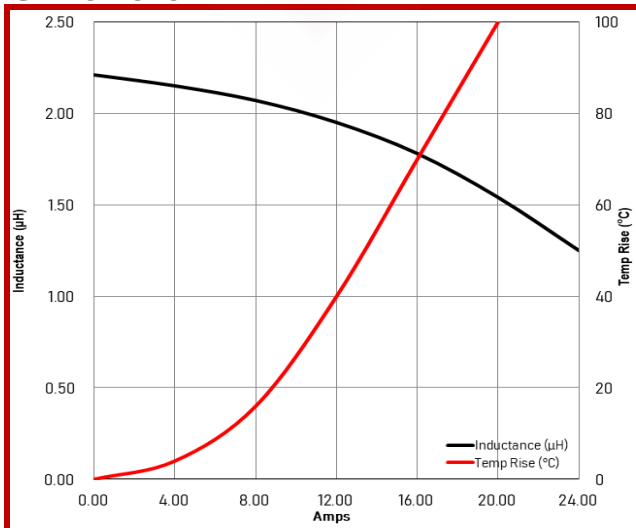
SPI19-1040-1R0M



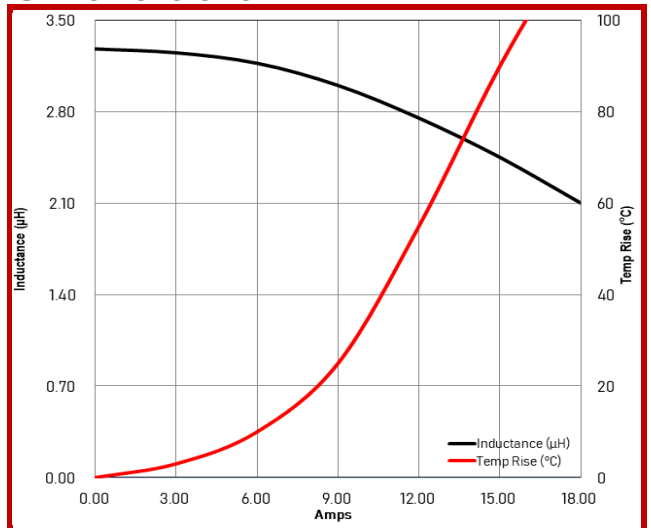
SPI19-1040-1R5M



SPI19-1040-2R2M



SPI19-1040-3R3M

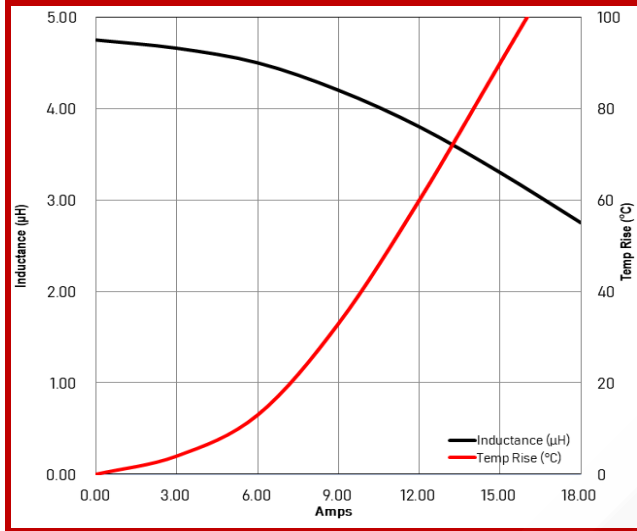




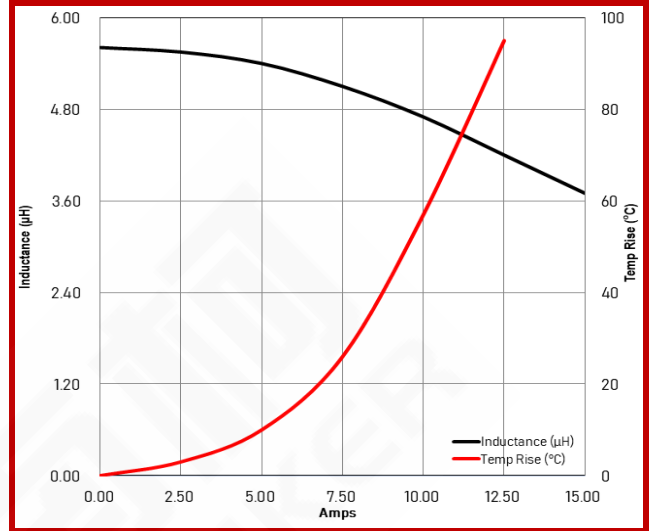
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

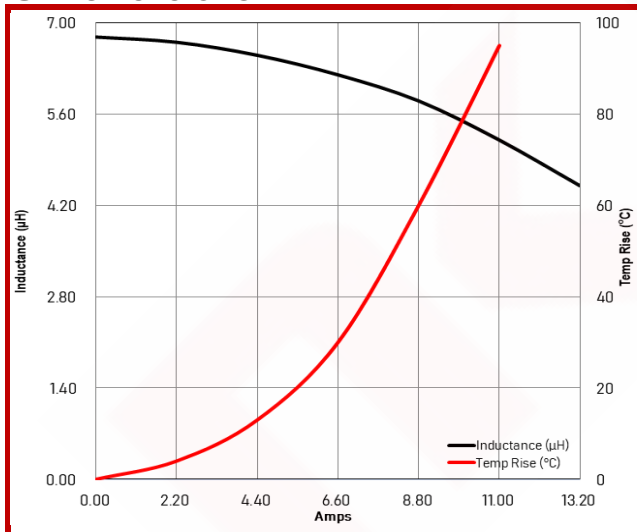
SPI19-1040-4R7M



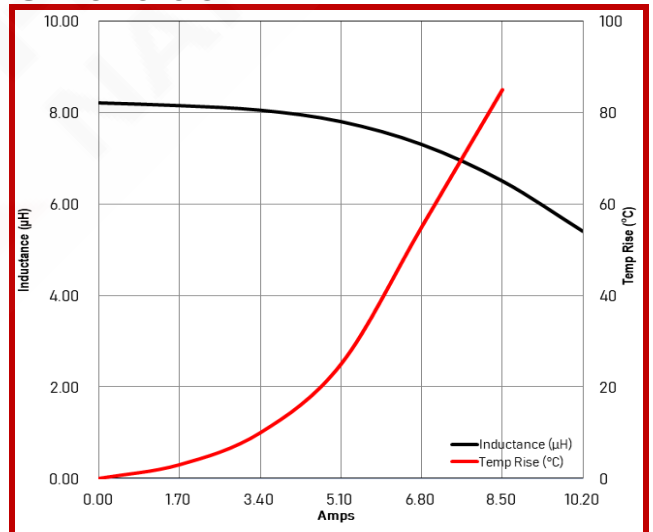
SPI19-1040-5R6M



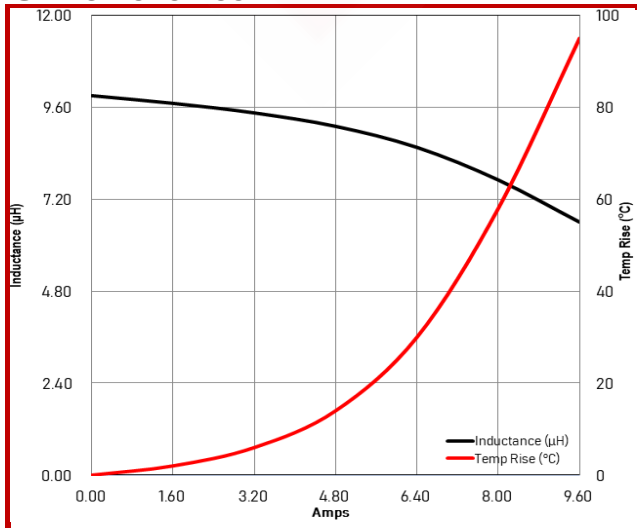
SPI19-1040-6R8M



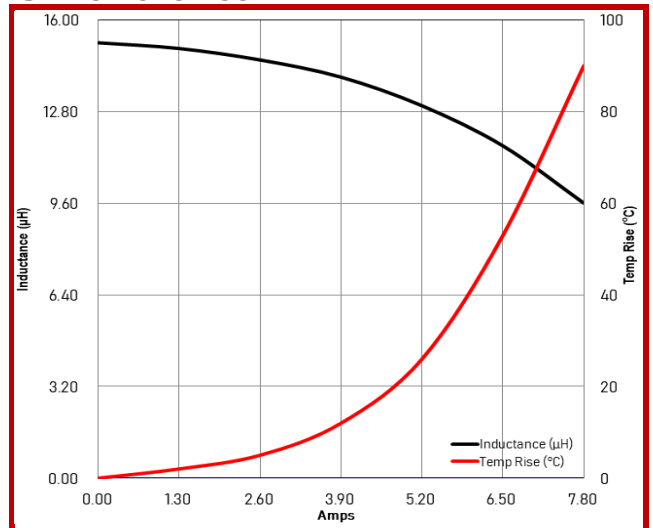
SPI19-1040-8R2M



SPI19-1040-100M



SPI19-1040-150M

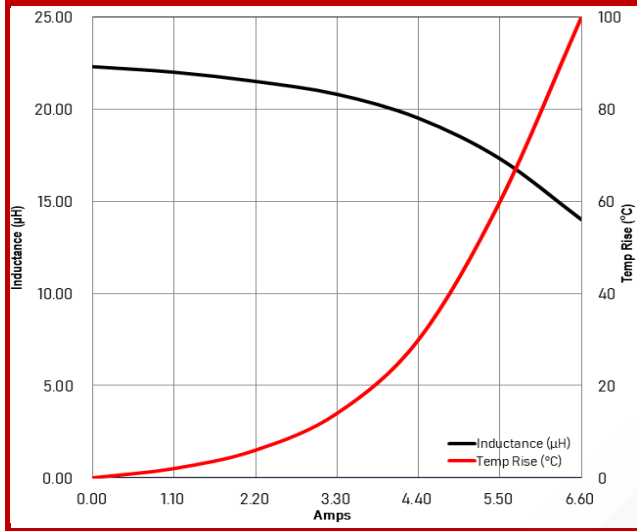




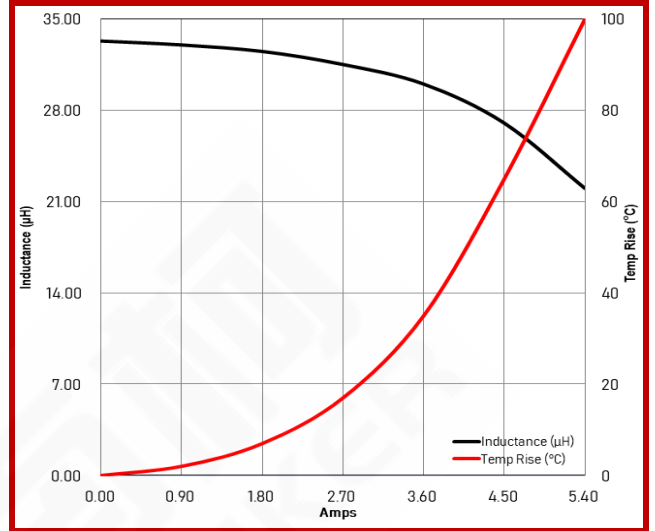
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

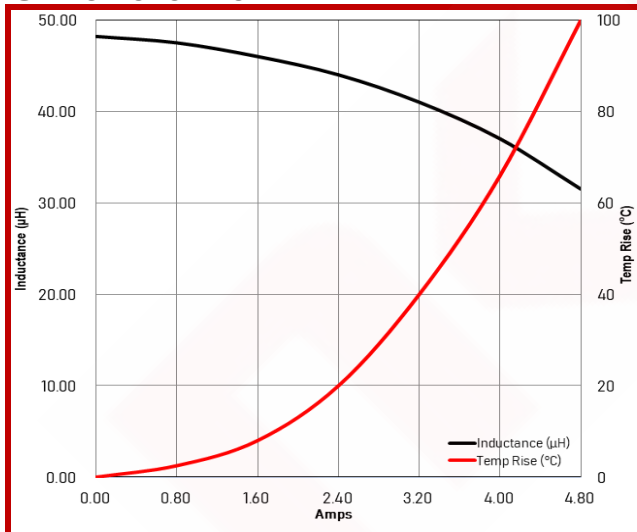
SPI19-1040-220M



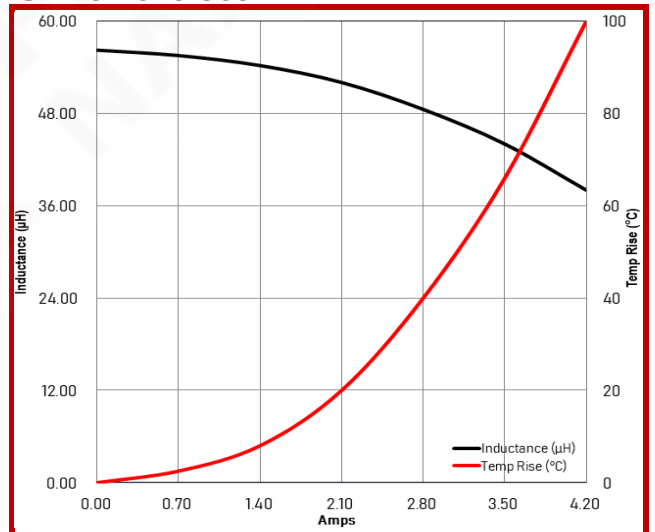
SPI19-1040-330M



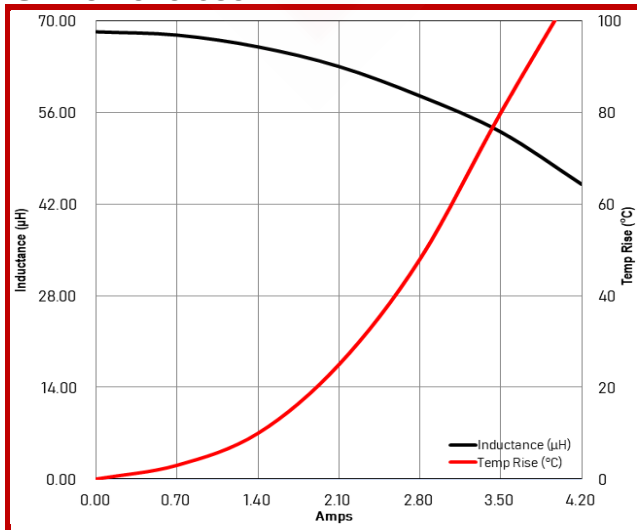
SPI19-1040-470M



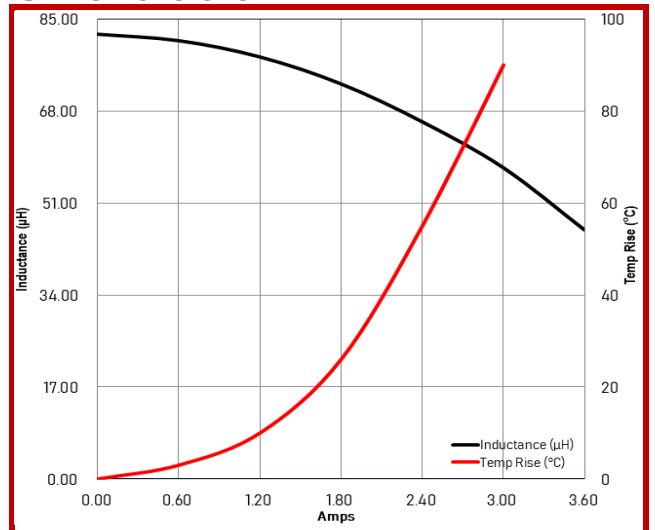
SPI19-1040-560M



SPI19-1040-680M



SPI19-1040-820M

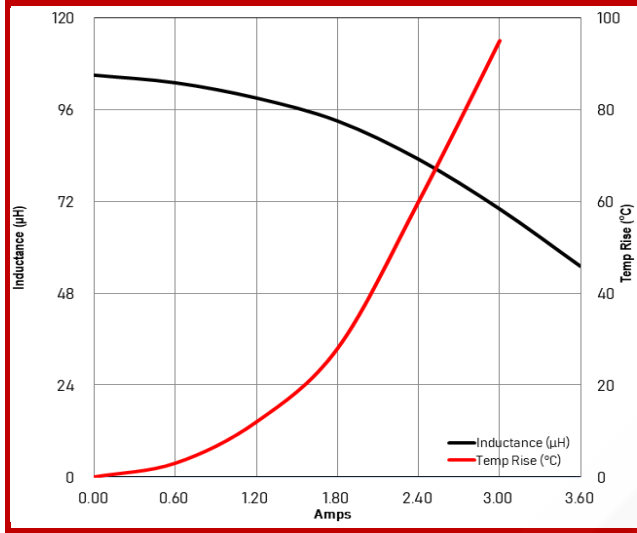




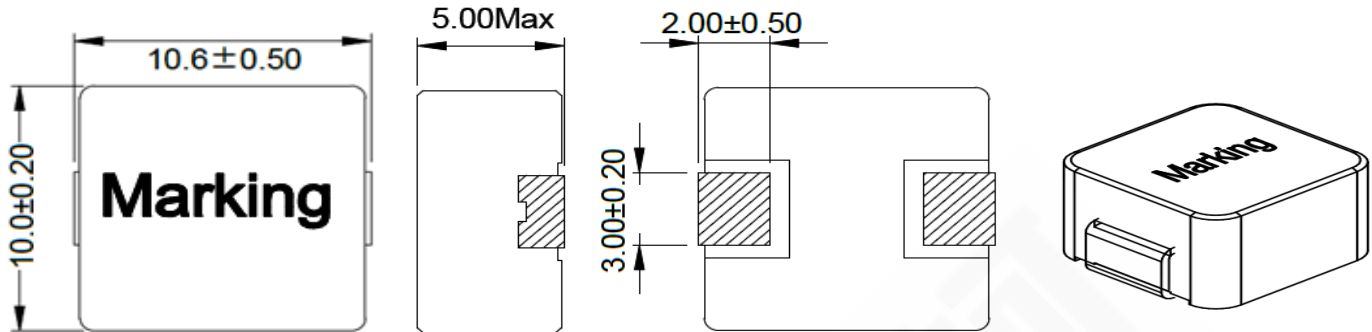
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI19-1040-101M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

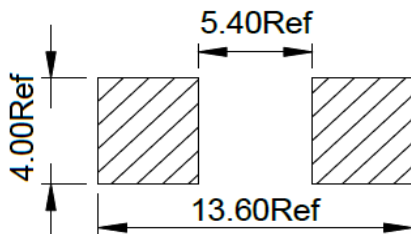


示意图 Schematics



电性特性 Electrical Properties

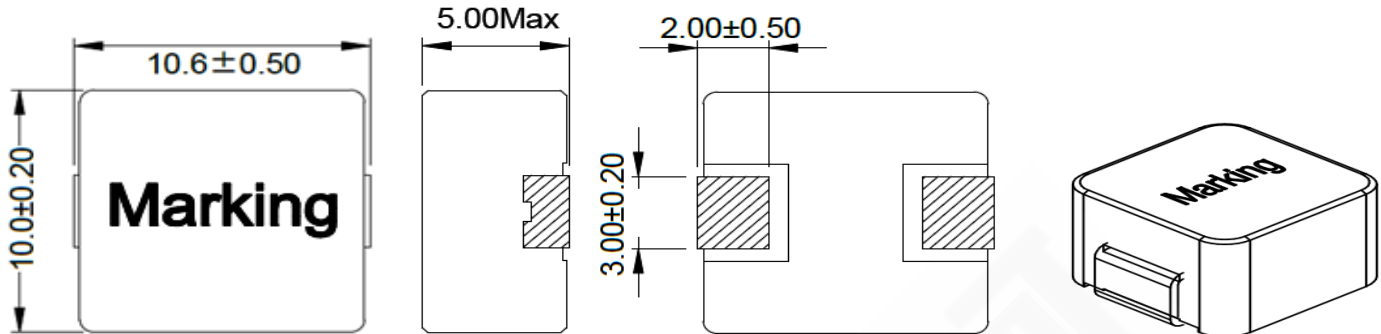
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1050-R33M	0.33 ±20%	45.00	1.00	55.00	100.00	800
SPI19-1050-R47M	0.47 ±20%	35.00	1.25	48.00		800
SPI19-1050-R68M	0.68 ±20%	30.00	1.60	40.00		800
SPI19-1050-1R5M	1.50 ±20%	15.00	4.20	24.00		800
SPI19-1050-3R3M	3.30 ±20%	11.00	9.50	18.00		800
SPI19-1050-4R7M	4.70 ±20%	9.00	12.00	17.00		800
SPI19-1050-6R8M	6.80 ±20%	8.00	18.00	15.00		800

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

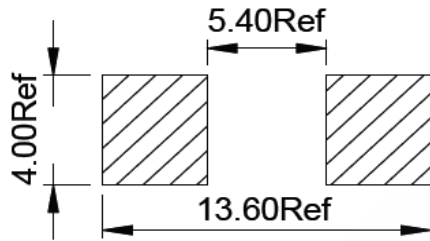


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1050-100M	10.00 ±20%	5.50	34.00	13.00	100.00	800
SPI19-1050-220M	22.00 ±20%	5.00	66.00	8.00		800
SPI19-1050-330M	33.00 ±20%	4.00	102.00	7.00		800
SPI19-1050-470M	47.00 ±20%	3.50	110.00	5.00		800
SPI19-1050-680M	68.00 ±20%	2.50	200.00	4.00		800
SPI19-1050-820M	82.00 ±20%	2.50	215.00	3.50		800
SPI19-1050-101M	100.00 ±20%	2.00	248.00	3.50		800

测试状态

Test Condition

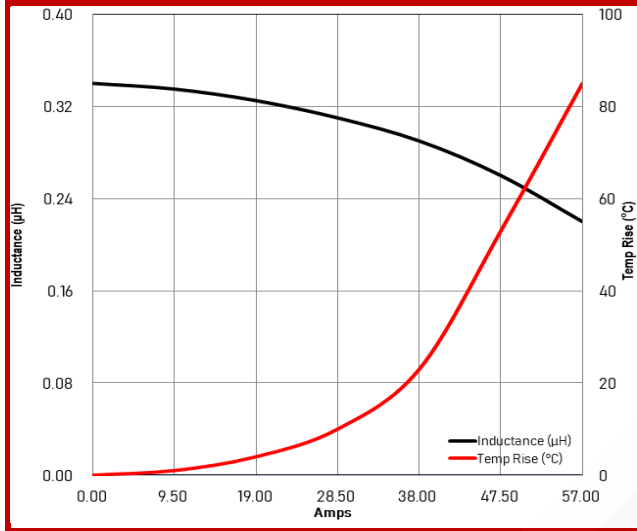
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



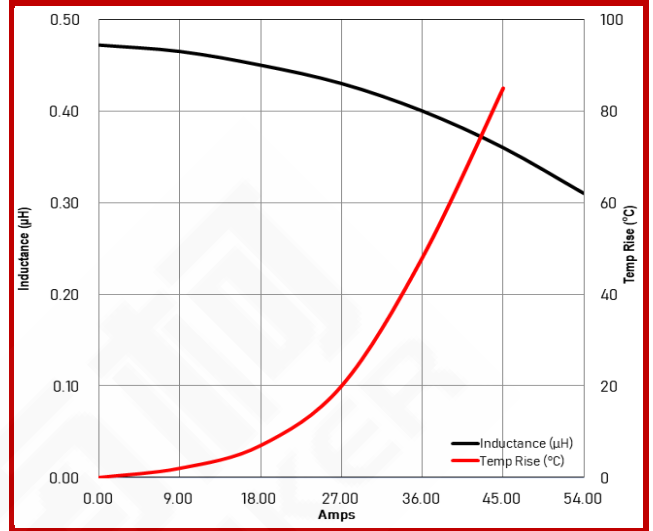
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

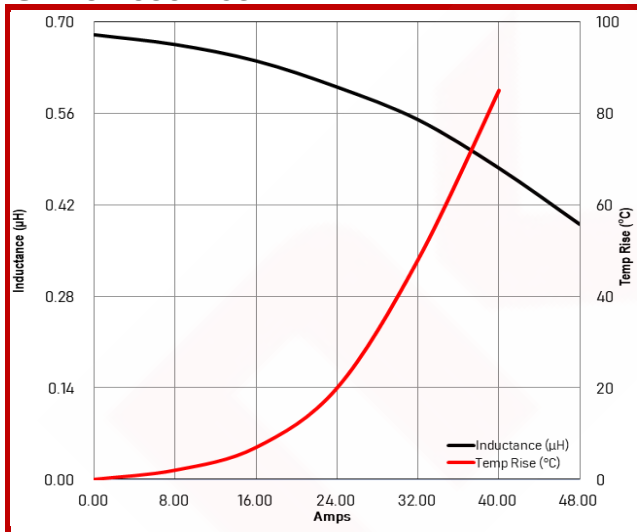
SPI19-1050-R33M



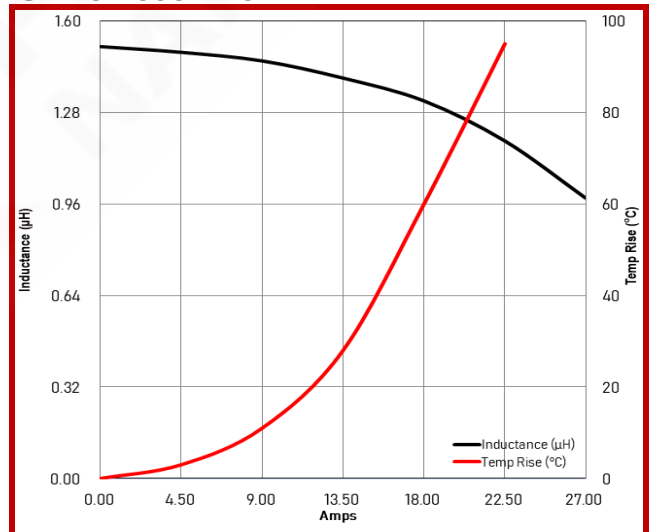
SPI19-1050-R47M



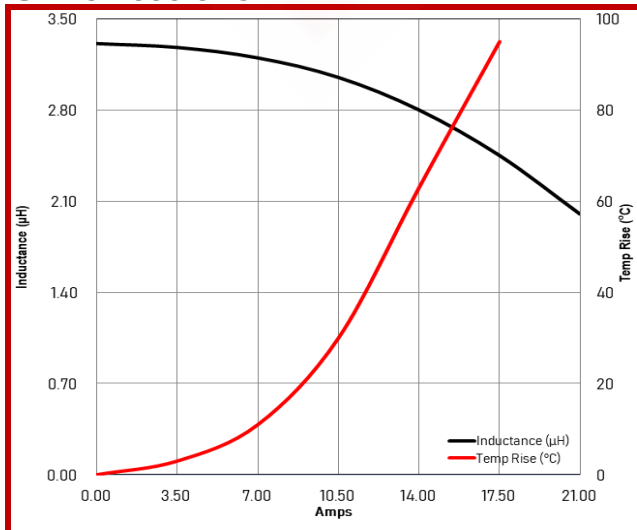
SPI19-1050-R68M



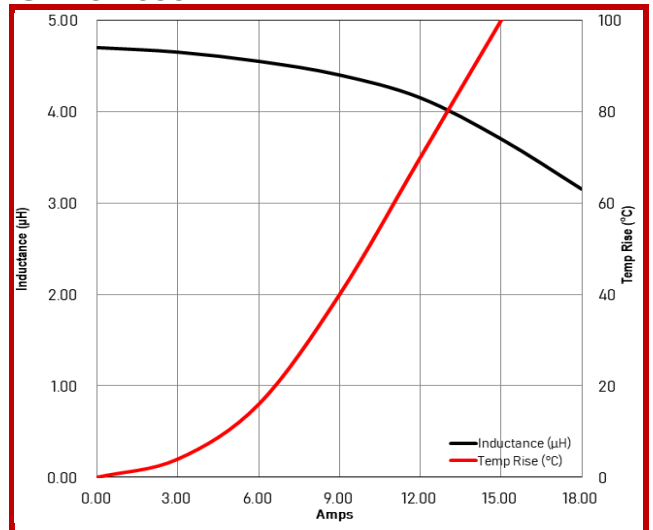
SPI19-1050-1R5M



SPI19-1050-3R3M



SPI19-1050-4R7M

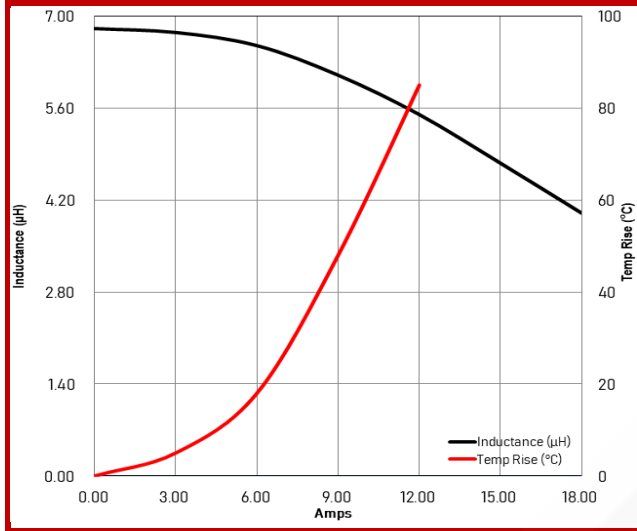




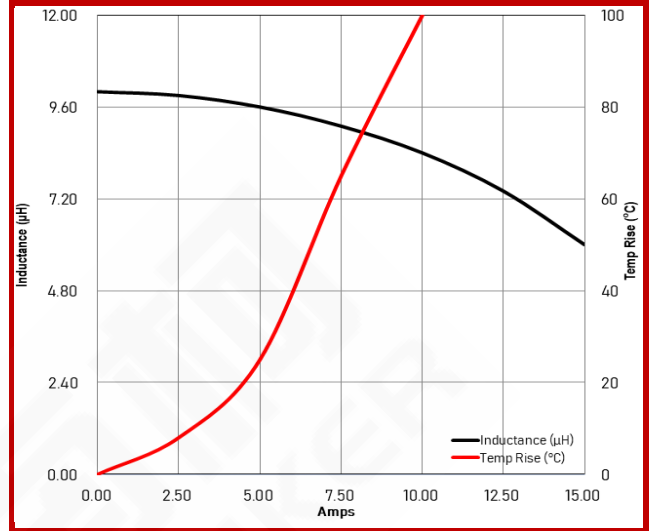
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

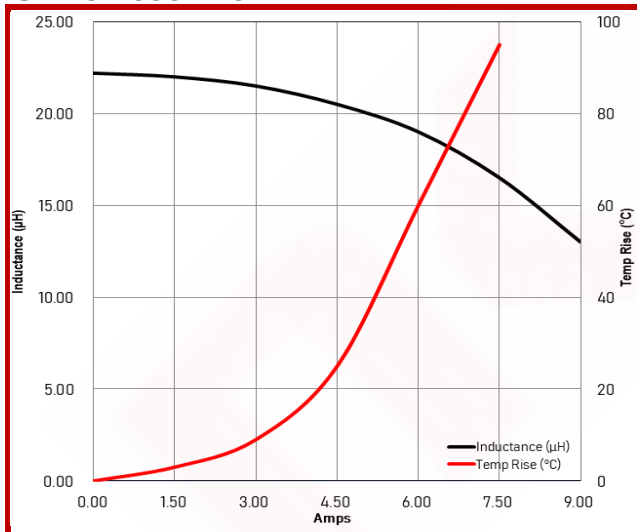
SPI19-1050-6R8M



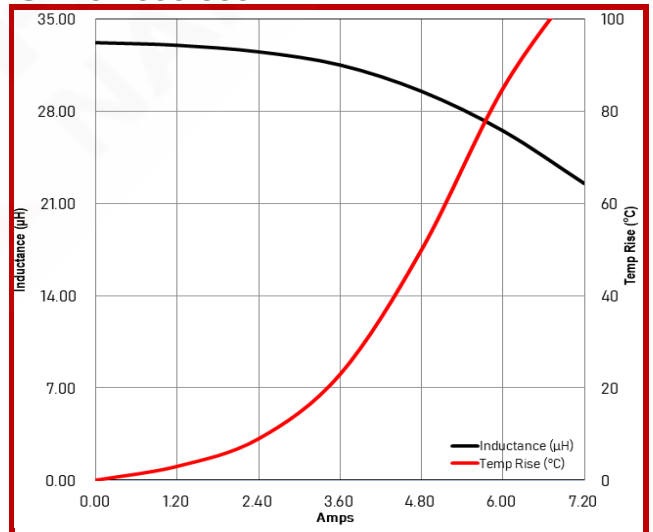
SPI19-1050-100M



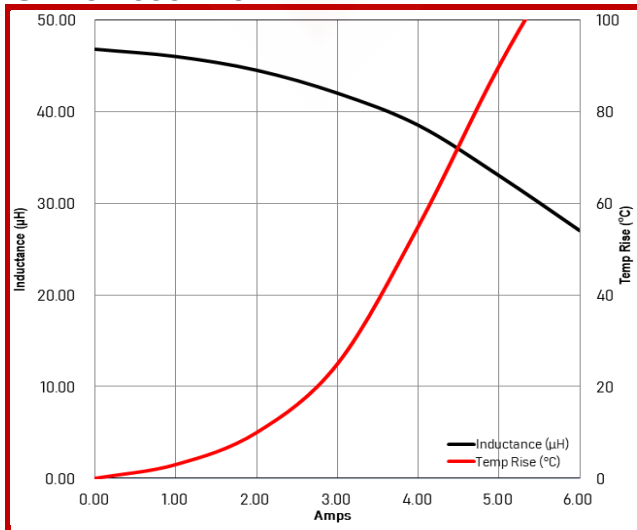
SPI19-1050-220M



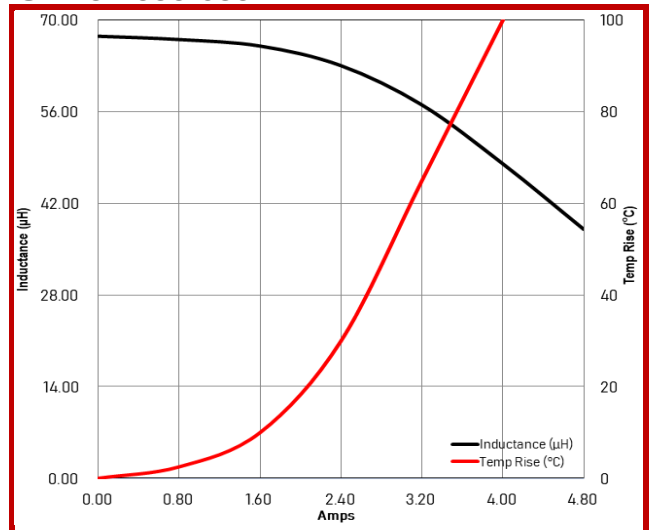
SPI19-1050-330M



SPI19-1050-470M



SPI19-1050-680M

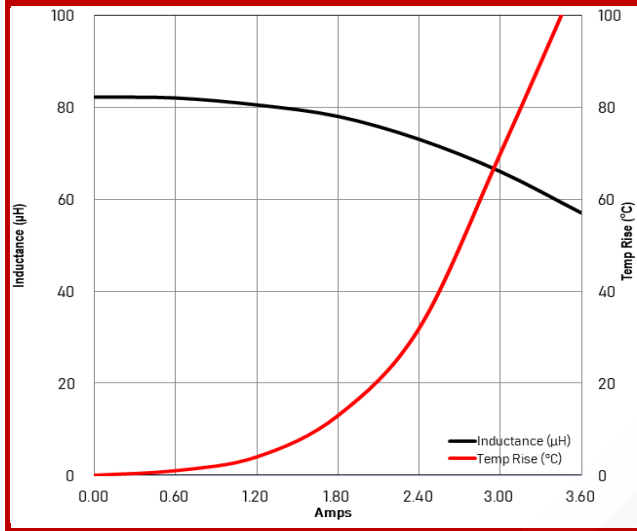




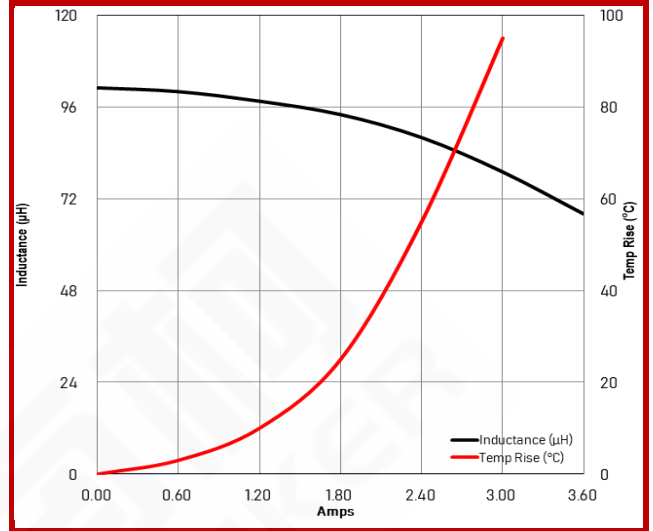
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

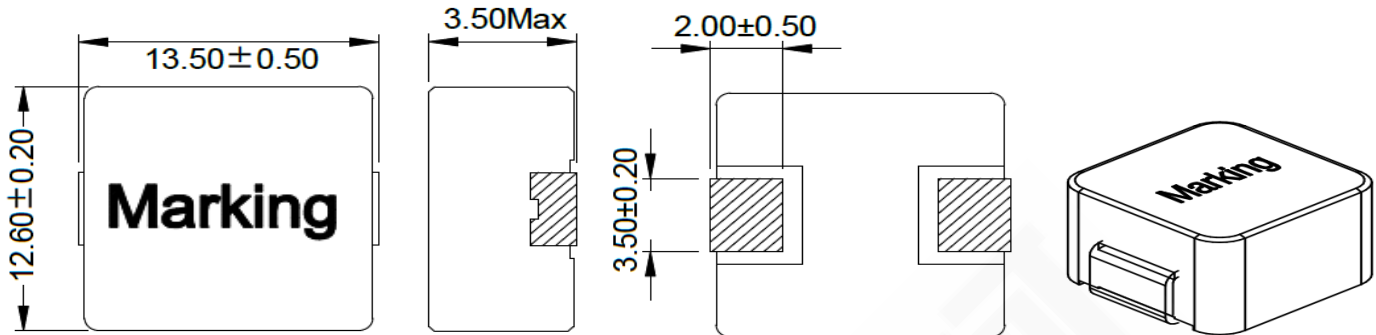
SPI19-1050-820M



SPI19-1050-101M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

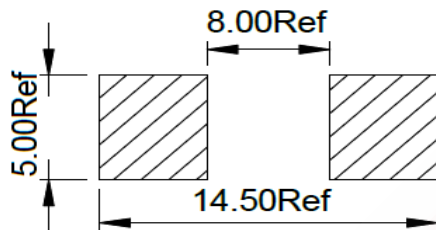


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1335-R47M	0.47 ±20%	30.00	1.70	56.00	100.00	800
SPI19-1335-R68M	0.68 ±20%	29.00	2.00	40.00		800
SPI19-1335-1R0M	1.00 ±20%	25.00	2.60	35.00		800
SPI19-1335-1R5M	1.50 ±20%	16.50	6.50	25.00		800
SPI19-1335-2R2M	2.20 ±20%	14.50	8.50	24.00		800
SPI19-1335-3R3M	3.30 ±20%	12.00	12.00	18.00		800
SPI19-1335-4R7M	4.70 ±20%	9.00	20.00	16.00		800

测试状态

Test Condition

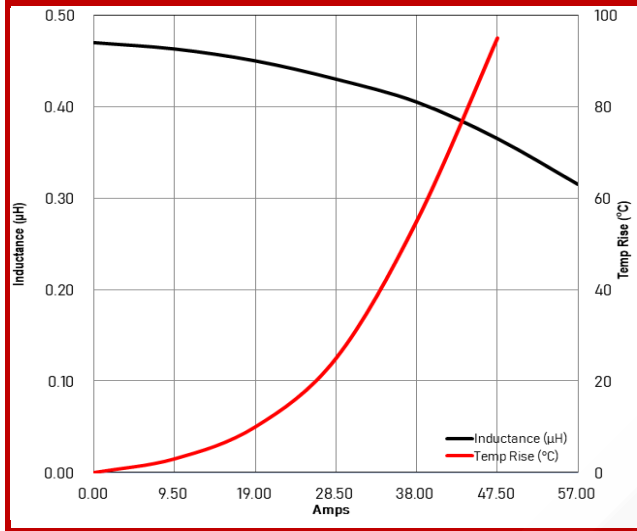
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



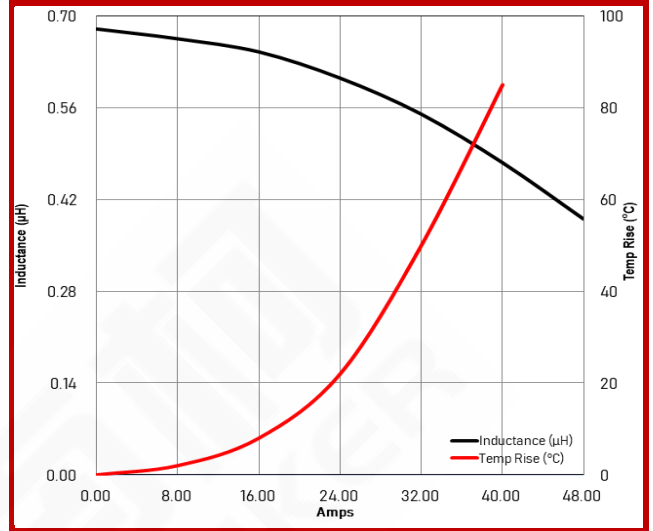
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

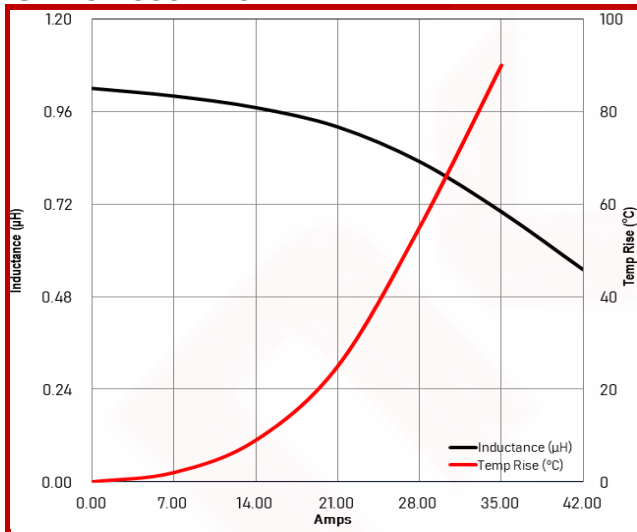
SPI19-1335-R47M



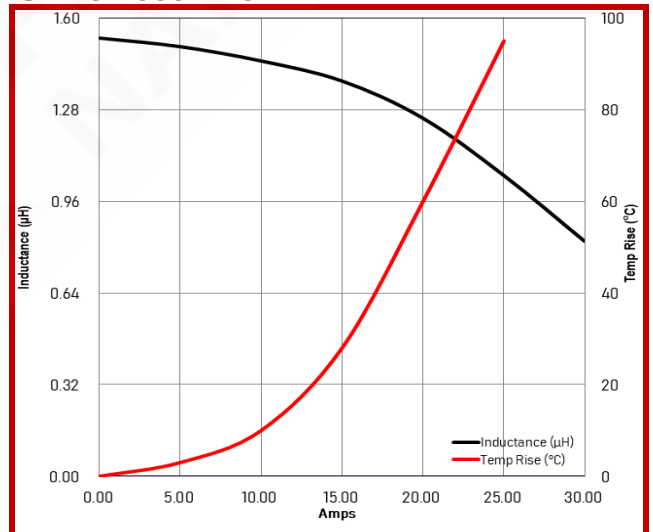
SPI19-1335-R68M



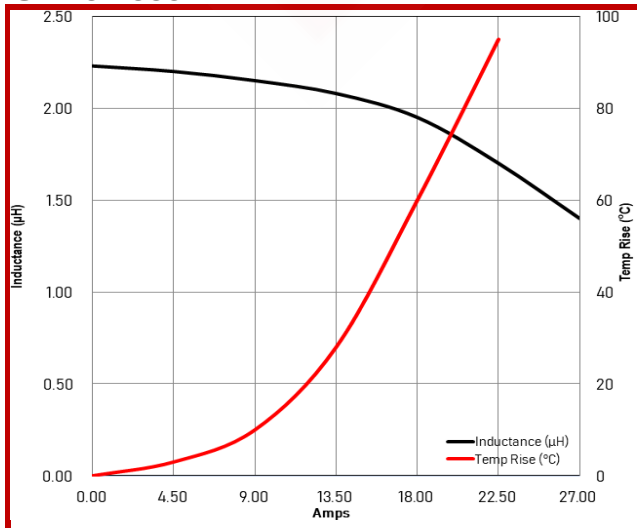
SPI19-1335-1R0M



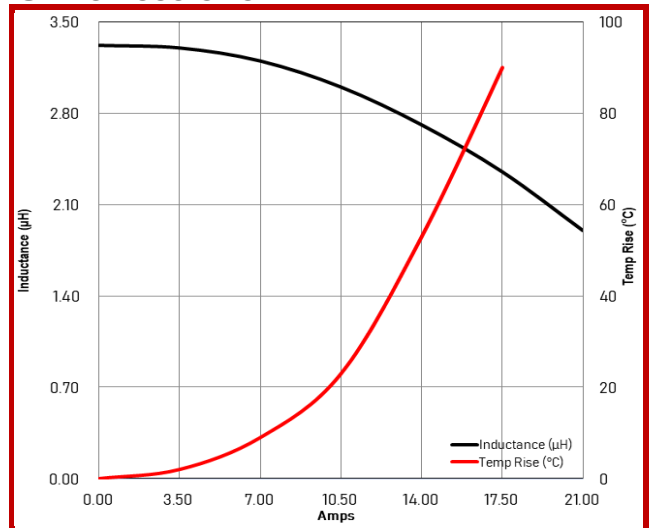
SPI19-1335-1R5M



SPI19-1335-2R2M



SPI19-1335-3R3M

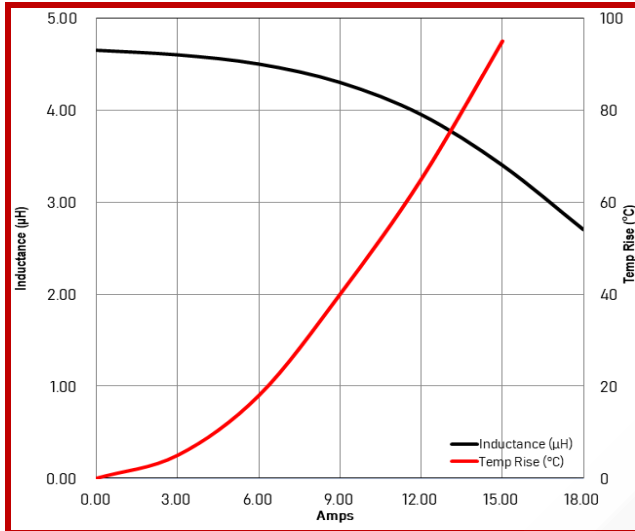




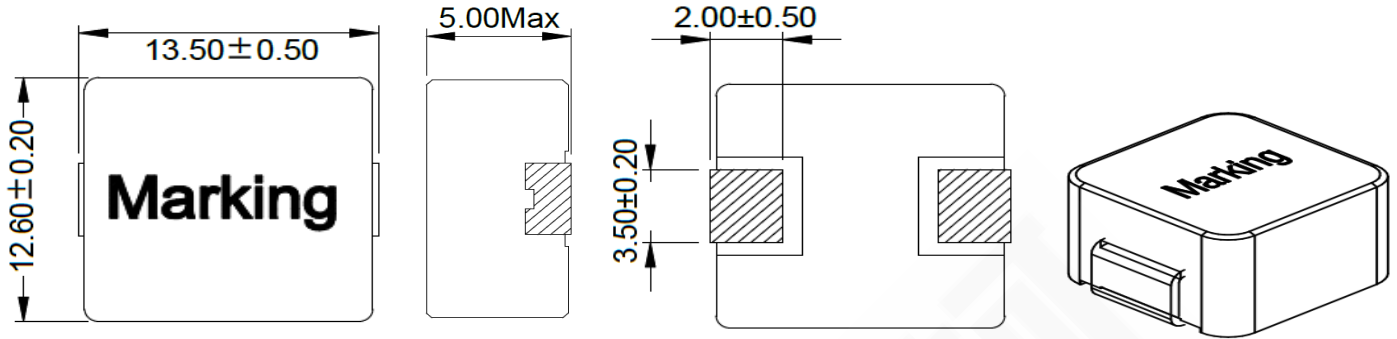
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI19-1335-4R7M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

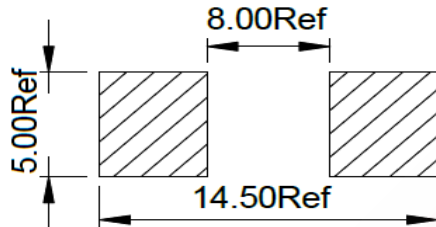


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1350-R15M	0.15 ±20%	50.00	0.60	72.00	100.00	500
SPI19-1350-R22M	0.22 ±20%	46.00	0.70	70.00		500
SPI19-1350-R33M	0.33 ±20%	40.00	0.95	60.00		500
SPI19-1350-R47M	0.47 ±20%	35.00	1.20	50.00		500
SPI19-1350-R68M	0.68 ±20%	28.00	1.90	40.00		500
SPI19-1350-R82M	0.82 ±20%	26.00	2.00	38.00		500
SPI19-1350-1R0M	1.00 ±20%	25.00	2.20	37.00		500
SPI19-1350-1R5M	1.50 ±20%	22.00	3.10	33.00		500
SPI19-1350-2R2M	2.20 ±20%	17.00	5.00	32.00		500
SPI19-1350-3R3M	3.30 ±20%	15.00	6.50	22.00		500
SPI19-1350-4R7M	4.70 ±20%	11.00	12.00	18.00		500

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

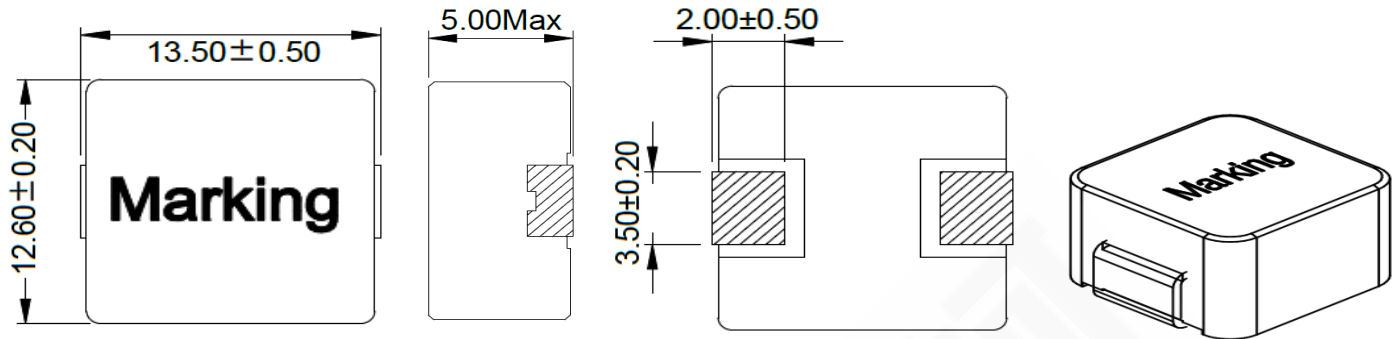
☆ 工作温度: -40°C ~ +125°C

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)

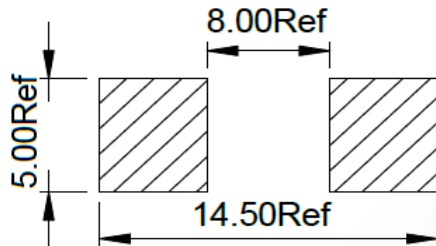


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1350-5R6M	5.60 ±20%	10.00	15.00	17.00	100.00	500
SPI19-1350-6R8M	6.80 ±20%	8.80	20.00	15.00		500
SPI19-1350-8R2M	8.20 ±20%	8.00	21.00	13.00		500
SPI19-1350-100M	10.00 ±20%	7.80	22.00	12.00		500
SPI19-1350-150M	15.00 ±20%	6.50	40.00	10.00		500
SPI19-1350-220M	22.00 ±20%	5.50	52.00	6.50		500
SPI19-1350-330M	33.00 ±20%	4.50	78.00	6.00		500
SPI19-1350-470M	47.00 ±20%	3.60	120.00	5.00		500
SPI19-1350-560M	56.00 ±20%	3.30	148.00	4.50		500
SPI19-1350-680M	68.00 ±20%	3.00	160.00	4.00		500

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

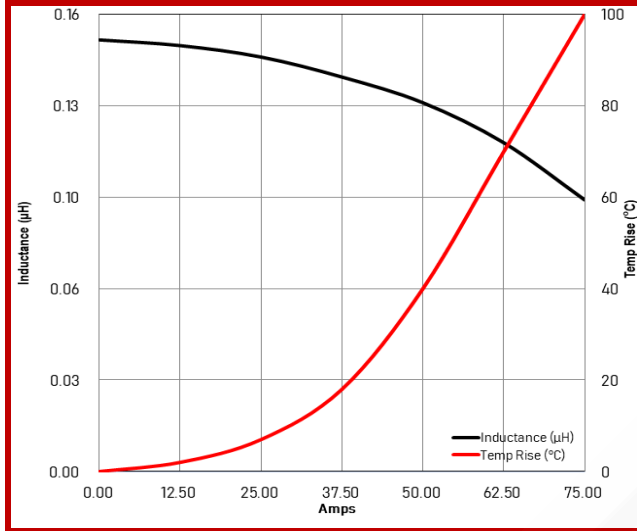
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



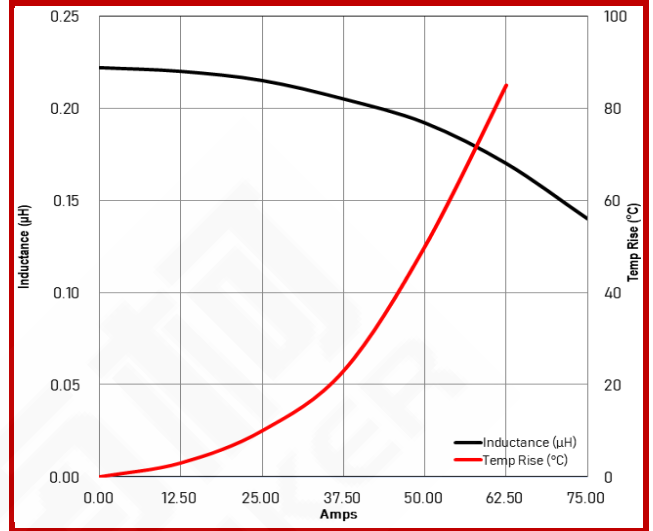
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

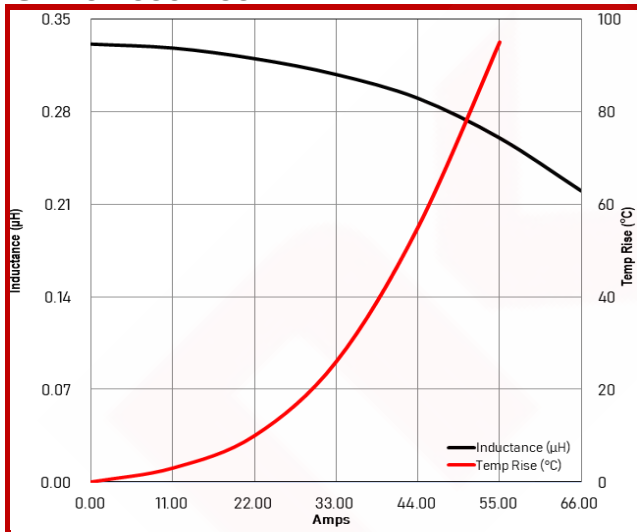
SPI19-1350-R15M



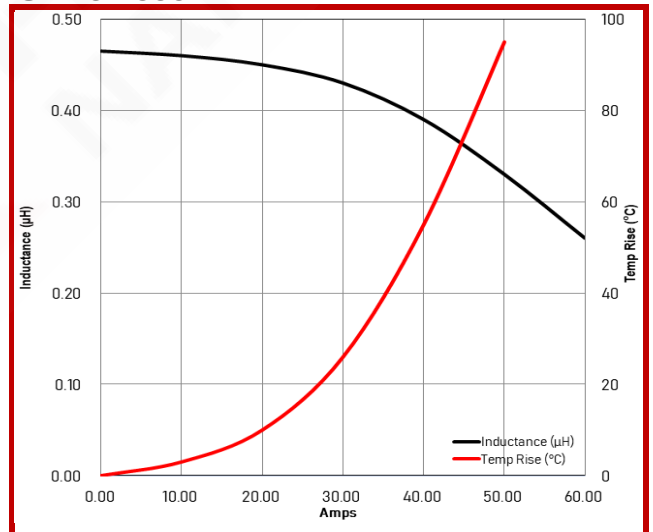
SPI19-1350-R22M



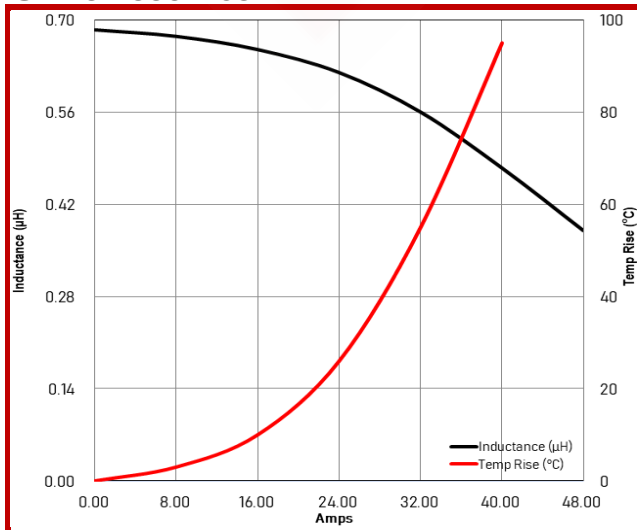
SPI19-1350-R33M



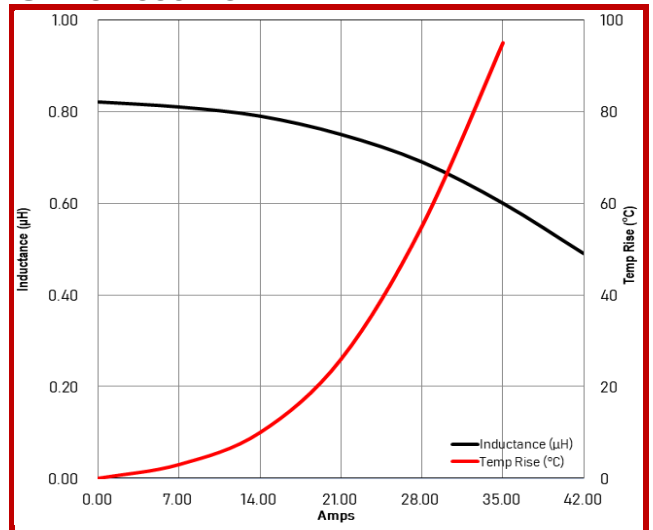
SPI19-1350-R47M



SPI19-1350-R68M



SPI19-1350-R82M

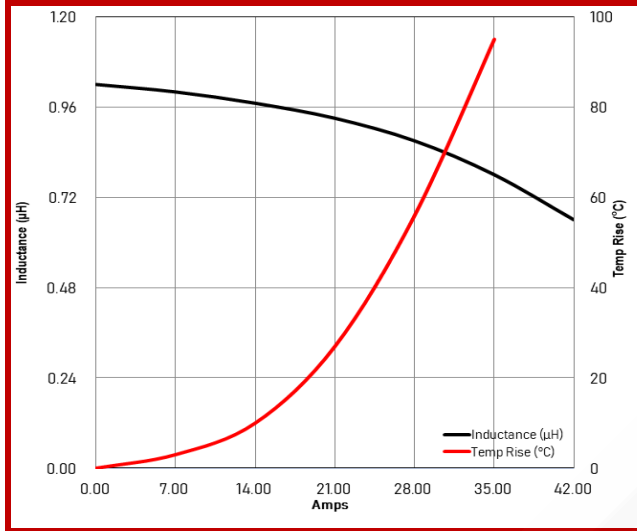




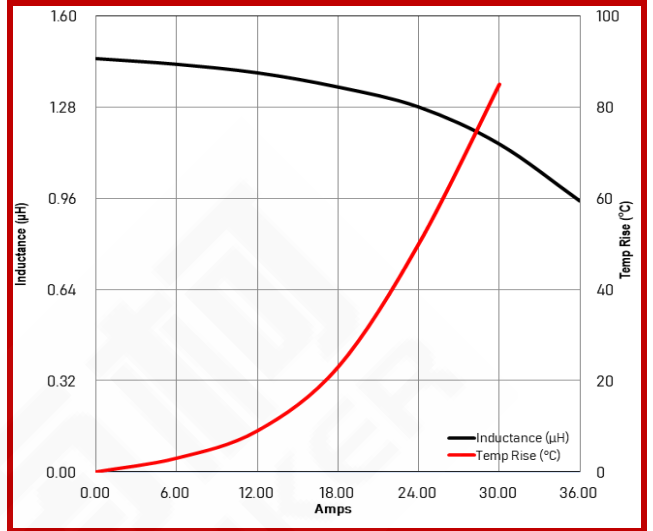
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

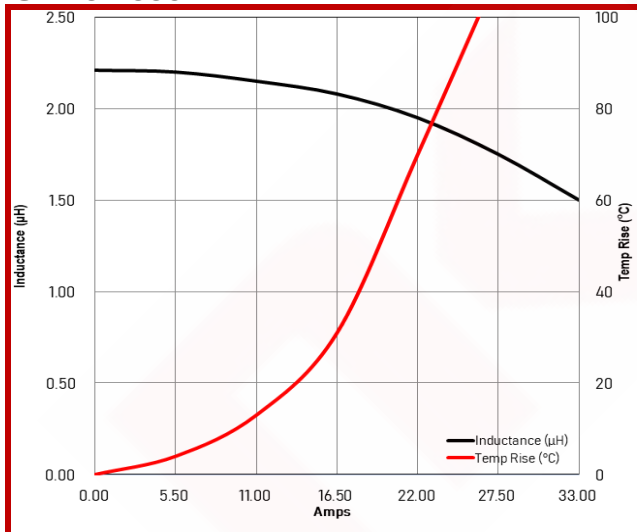
SPI19-1350-1R0M



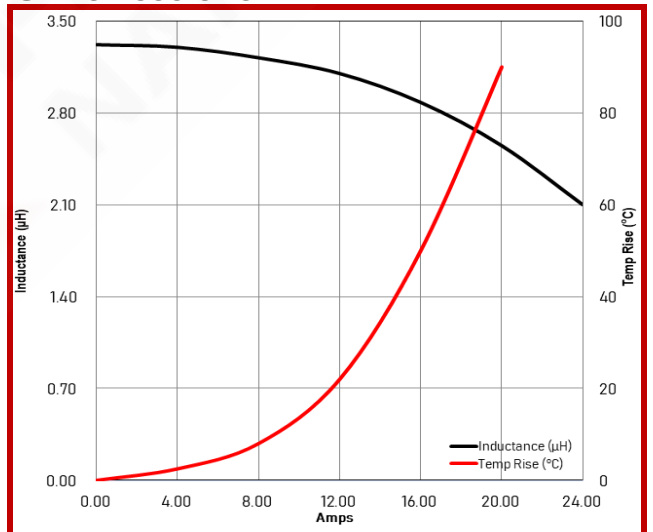
SPI19-1350-1R5M



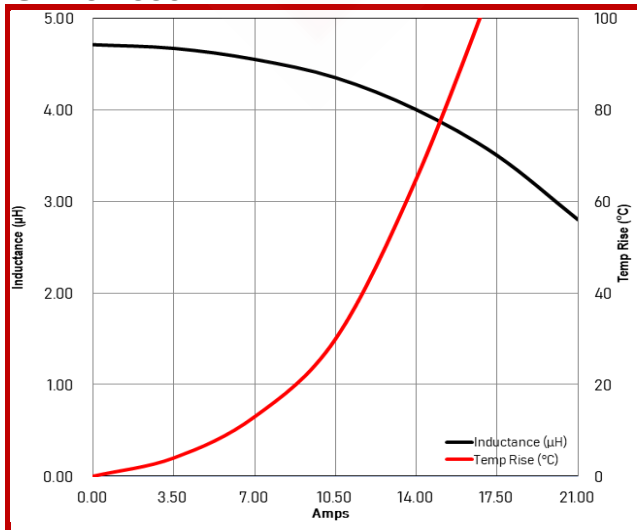
SPI19-1350-2R2M



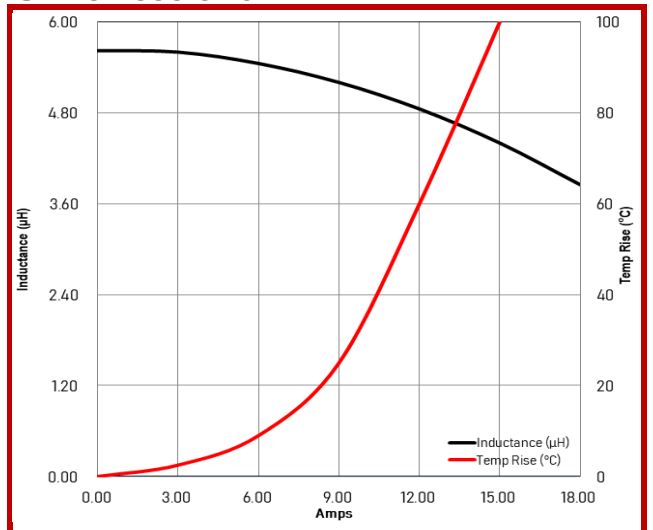
SPI19-1350-3R3M



SPI19-1350-4R7M



SPI19-1350-5R6M

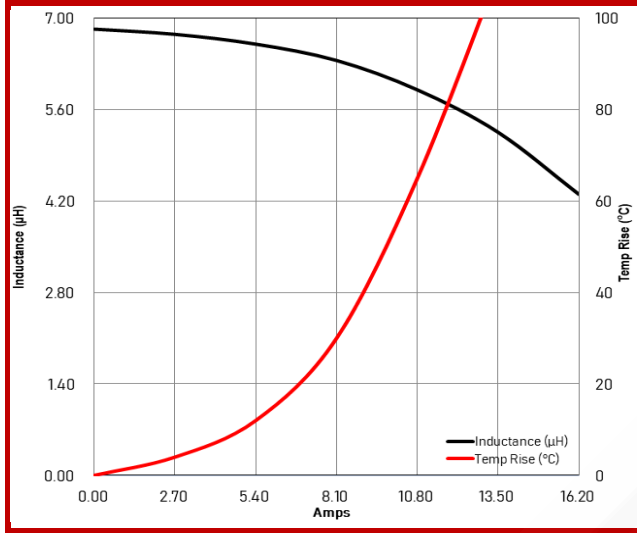




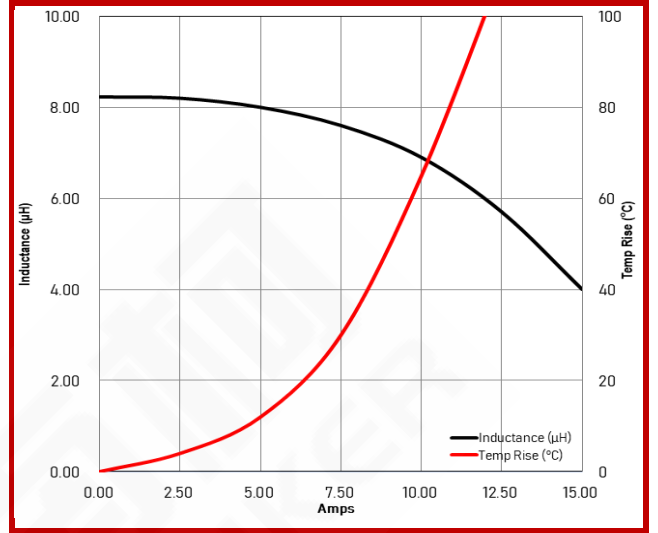
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

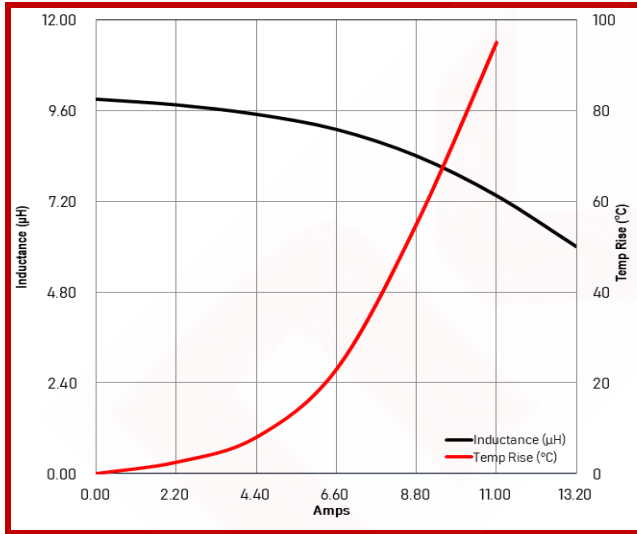
SPI19-1350-6R8M



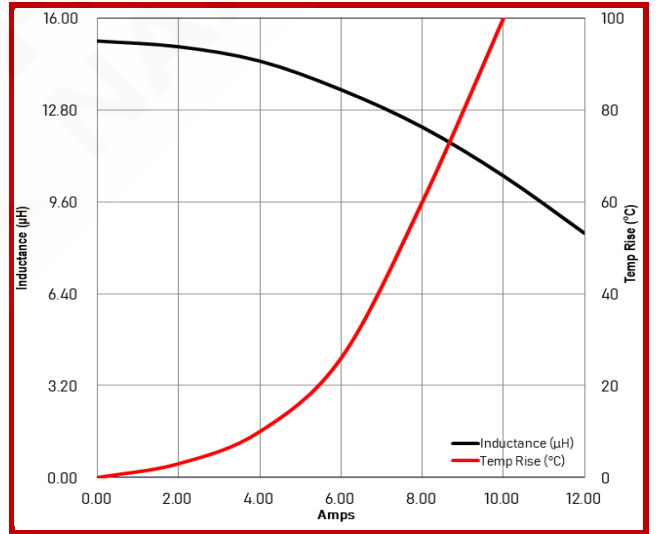
SPI19-1350-8R2M



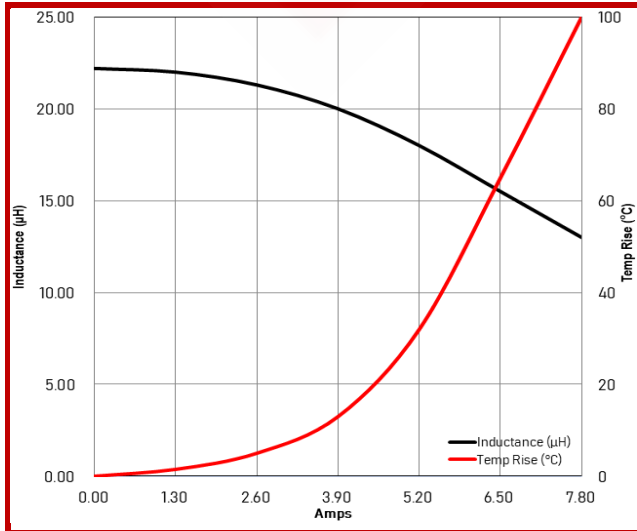
SPI19-1350-100M



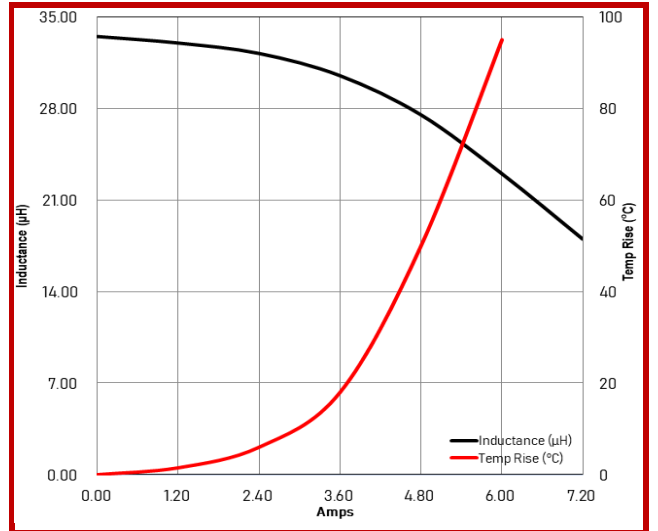
SPI19-1350-150M



SPI19-1350-220M



SPI19-1350-330M

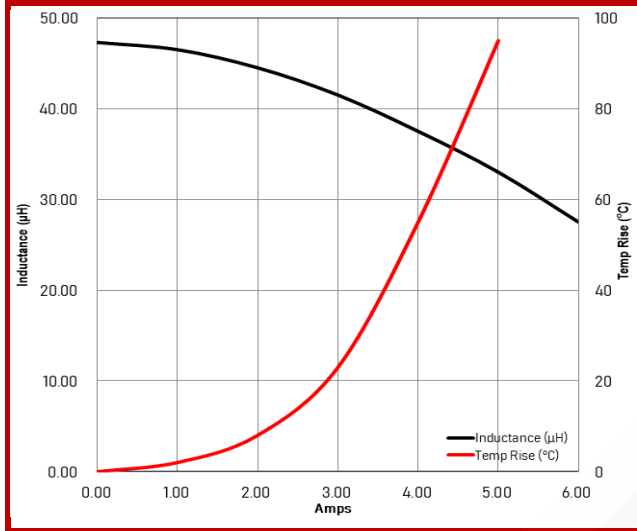




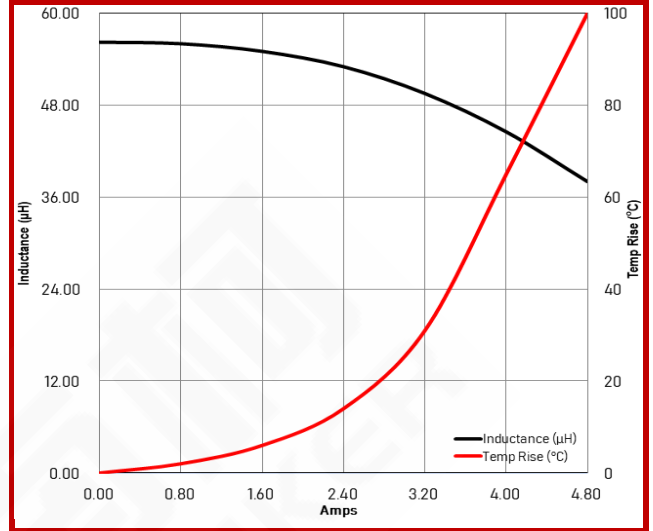
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

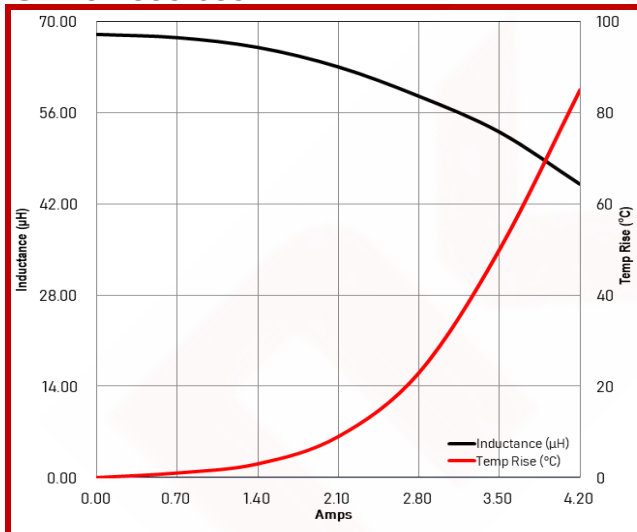
SPI19-1350-470M



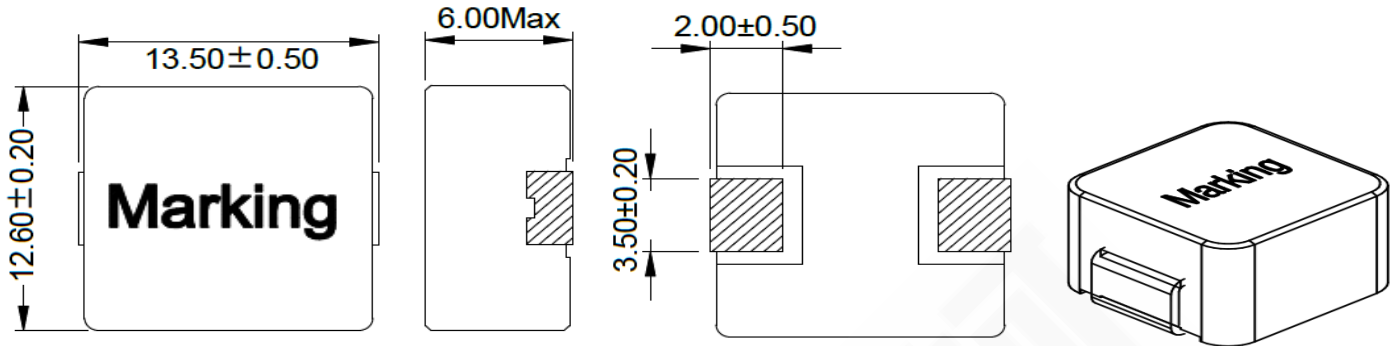
SPI19-1350-560M



SPI19-1350-680M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

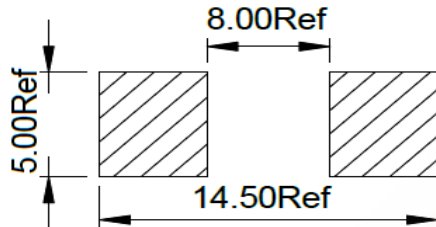


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1360-R68M	0.68 ±20%	33.00	1.20	38.00	100.00	500
SPI19-1360-1R0M	1.00 ±20%	29.00	2.00	31.00		500
SPI19-1360-1R5M	1.50 ±20%	28.00	2.70	28.00		500
SPI19-1360-2R2M	2.20 ±20%	22.00	4.20	25.00		500
SPI19-1360-3R3M	3.30 ±20%	17.50	6.50	22.00		500
SPI19-1360-4R7M	4.70 ±20%	16.00	8.00	20.00		500
SPI19-1360-5R6M	5.60 ±20%	14.00	10.00	18.00		500
SPI19-1360-6R8M	6.80 ±20%	12.00	13.50	16.00		500
SPI19-1360-8R2M	8.20 ±20%	11.50	15.00	14.00		500
SPI19-1360-100M	10.00 ±20%	9.60	20.70	14.00		500

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

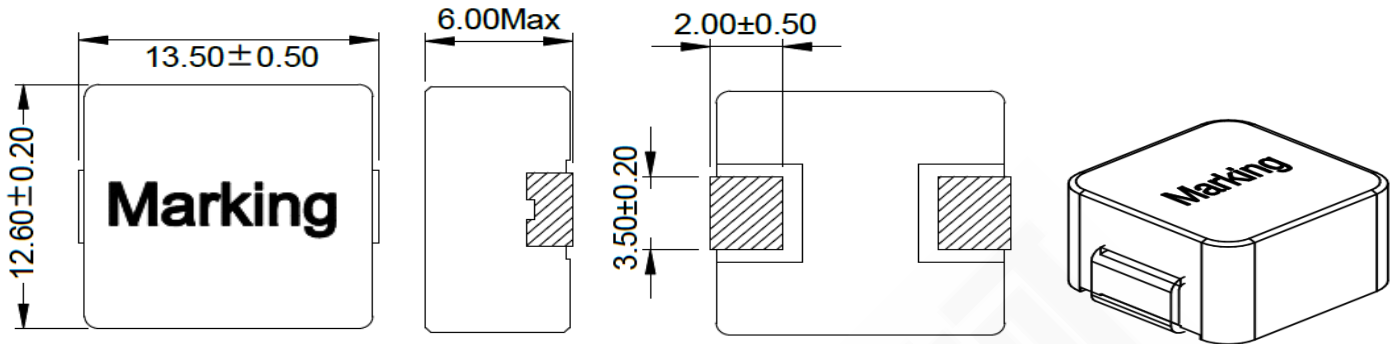
☆ 工作温度: -40°C ~ +125°C

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)

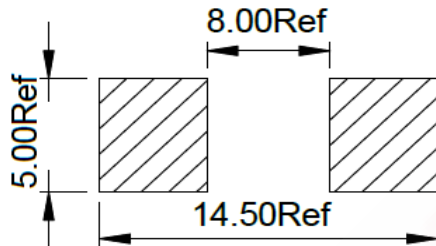


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1360-150M	15.00 ±20%	8.30	29.00	12.50	100.00	500
SPI19-1360-220M	22.00 ±20%	6.50	36.00	7.50		500
SPI19-1360-330M	33.00 ±20%	5.80	60.00	6.00		500
SPI19-1360-470M	47.00 ±20%	4.70	90.00	5.50		500
SPI19-1360-560M	56.00 ±20%	4.10	115.00	5.00		500
SPI19-1360-680M	68.00 ±20%	3.90	130.00	4.50		500
SPI19-1360-820M	82.00 ±20%	3.30	165.00	4.00		500
SPI19-1360-101M	100.00 ±20%	3.10	200.00	3.50		500
SPI19-1360-121M	120.00 ±20%	2.90	225.00	3.20		500
SPI19-1360-151M	150.00 ±20%	2.50	350.00	2.70		500

测试状态

Test Condition

☆ 电感测试条件为 100 kHz/ 1.0V

Inductance measure condition at 100 kHz/ 1.0V

☆ 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

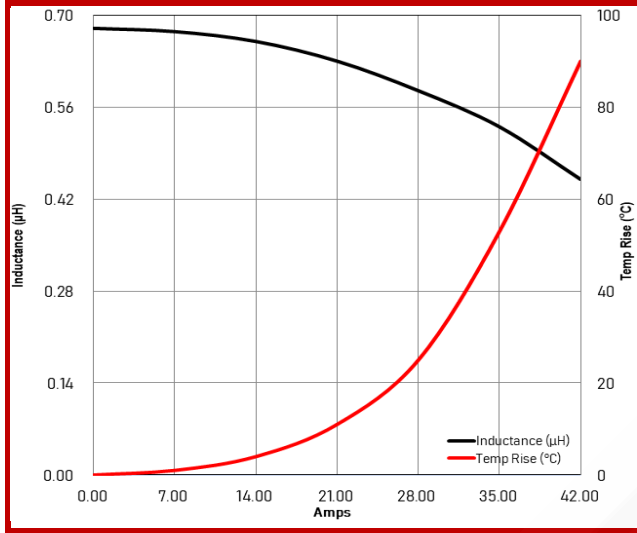
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



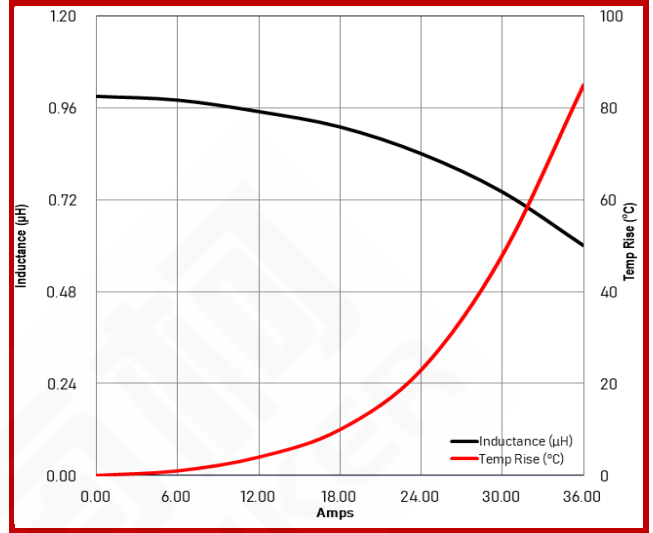
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

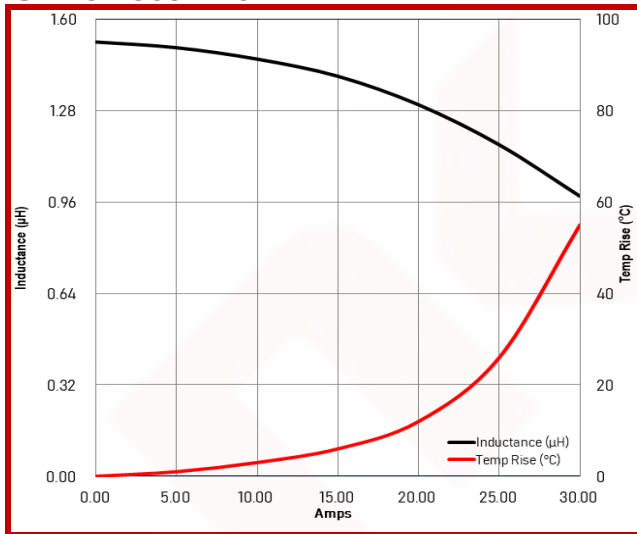
SPI19-1360-R68M



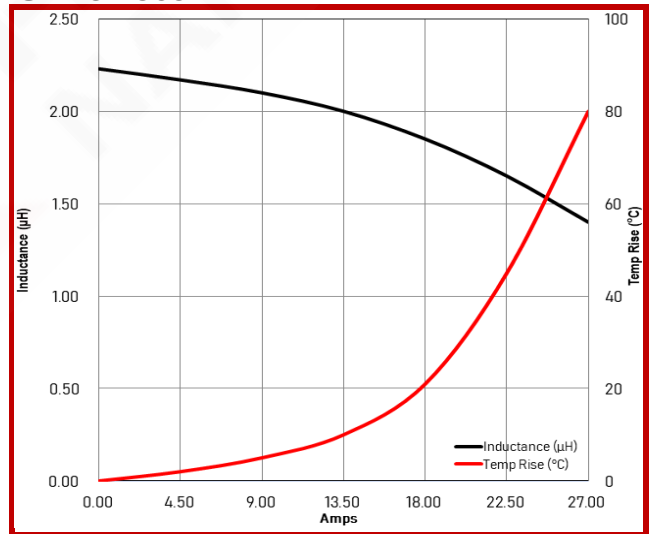
SPI19-1360-1R0M



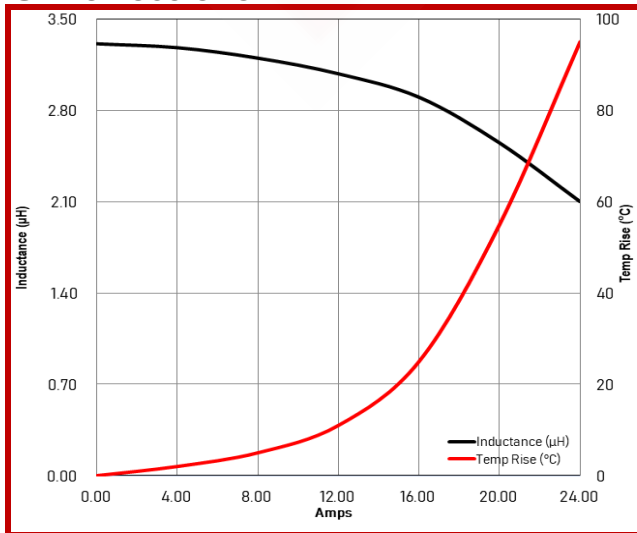
SPI19-1360-1R5M



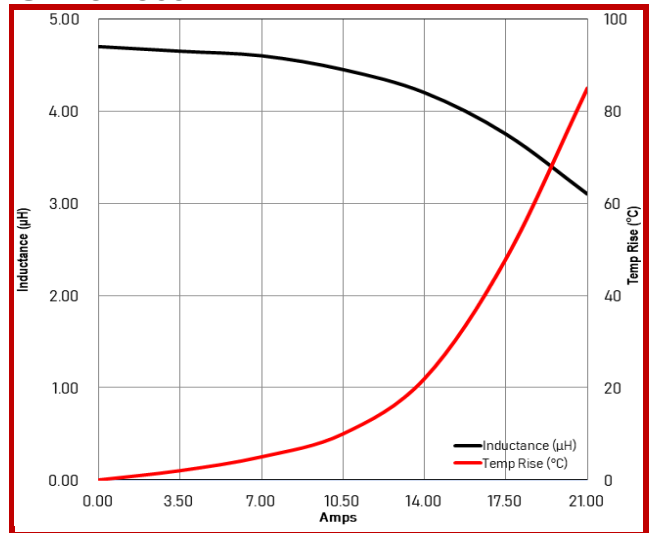
SPI19-1360-2R2M



SPI19-1360-3R3M



SPI19-1360-4R7M

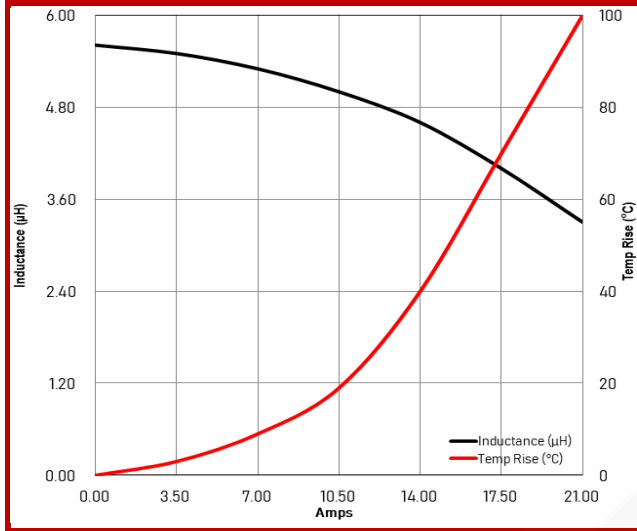




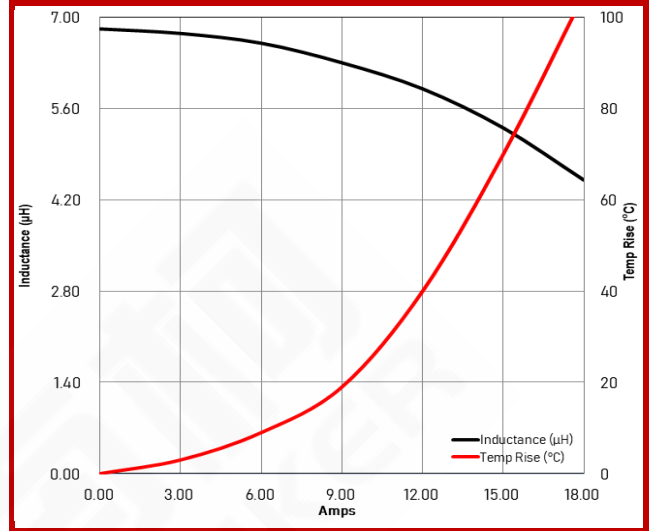
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

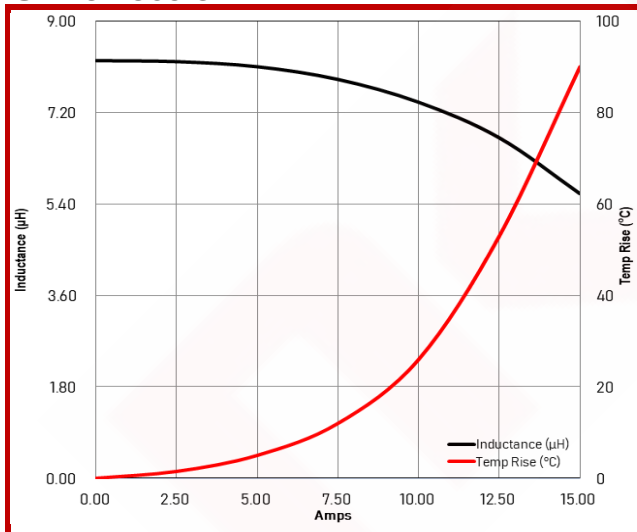
SPI19-1360-5R6M



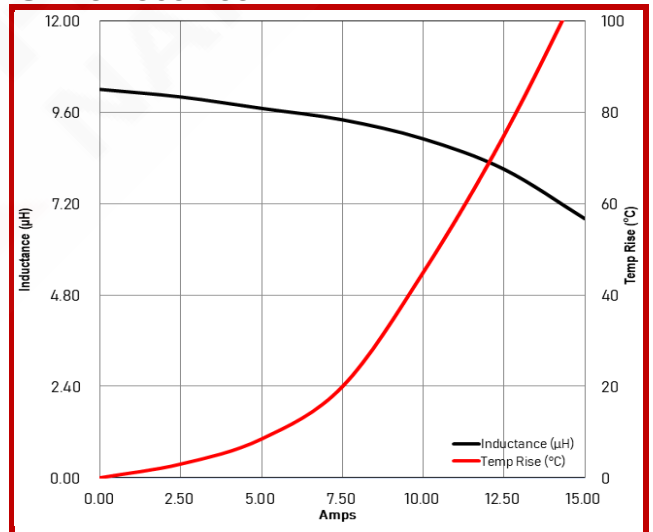
SPI19-1360-6R8M



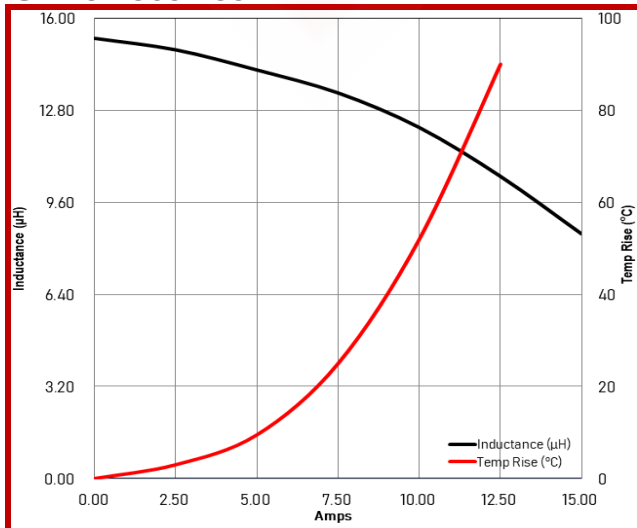
SPI19-1360-8R2M



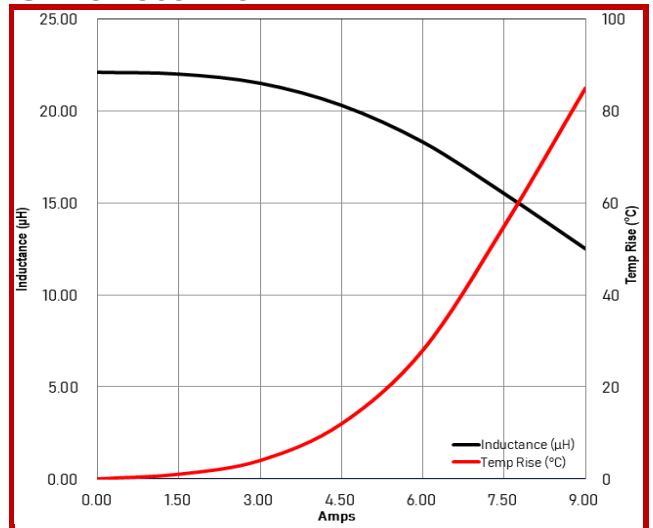
SPI19-1360-100M



SPI19-1360-150M



SPI19-1360-220M

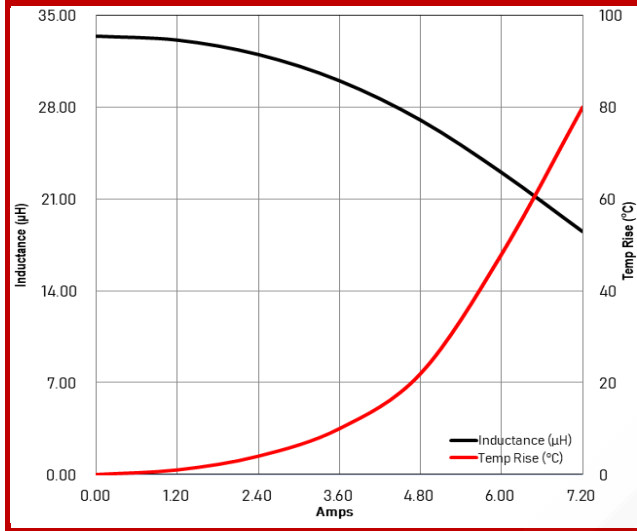




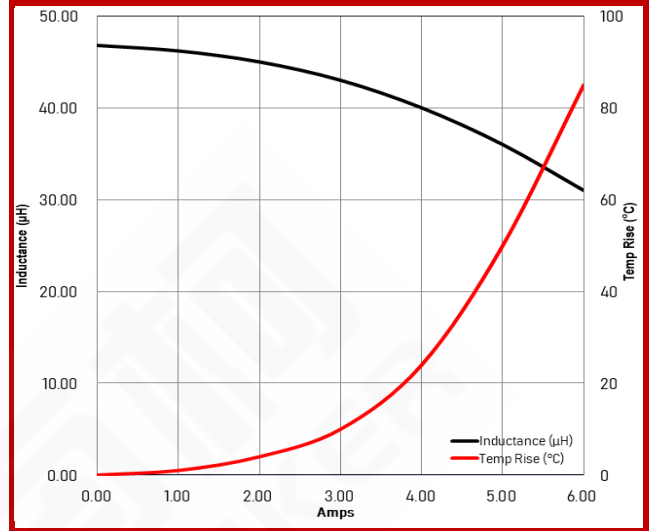
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

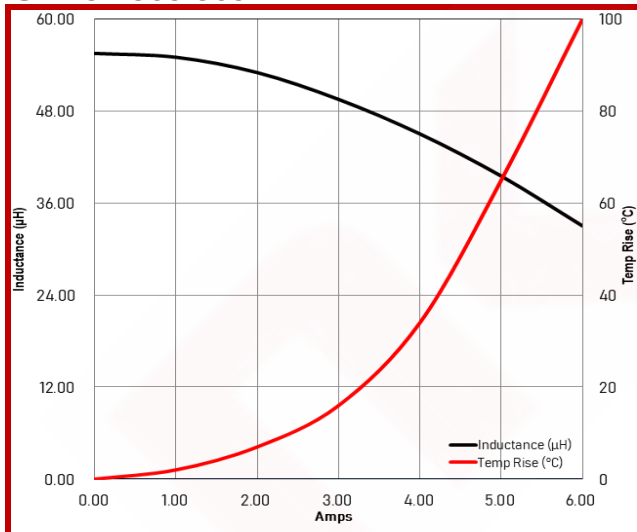
SPI19-1360-330M



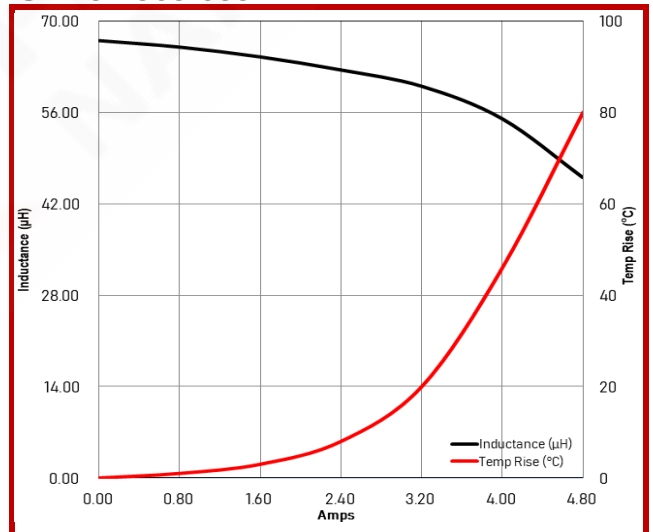
SPI19-1360-470M



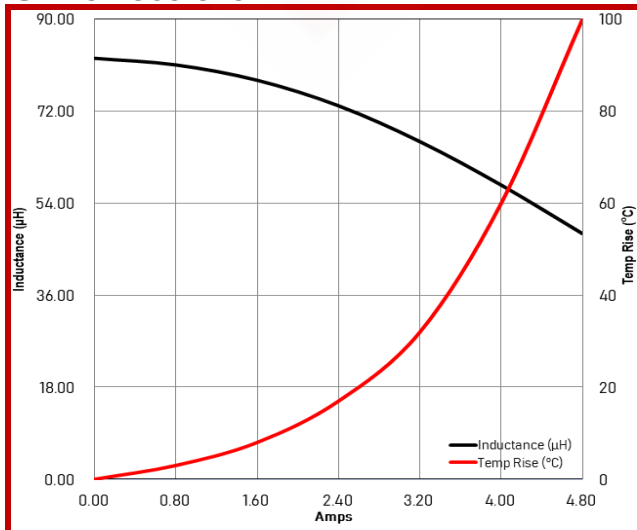
SPI19-1360-560M



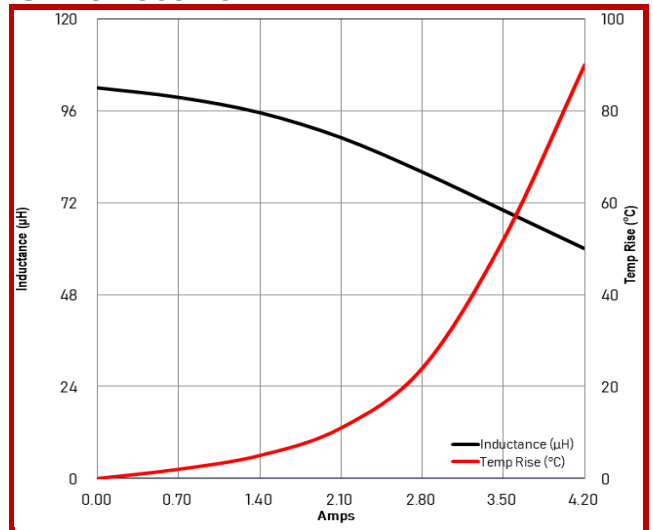
SPI19-1360-680M



SPI19-1360-820M



SPI19-1360-101M

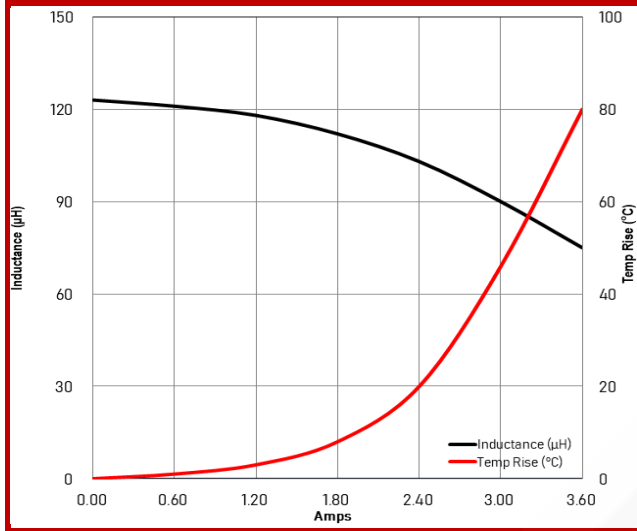




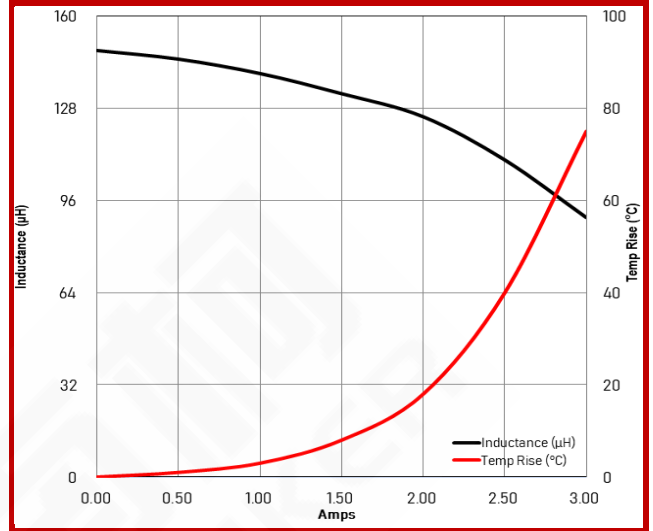
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

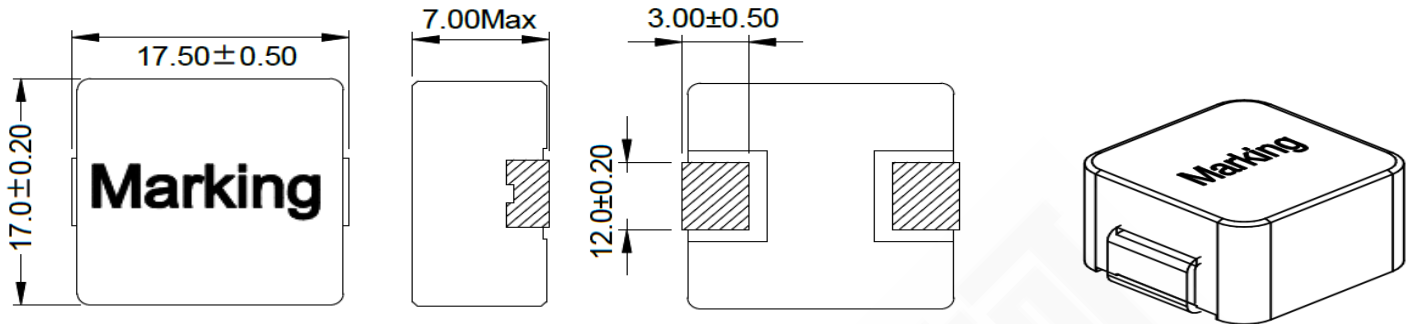
SPI19-1360-121M



SPI19-1360-151M



尺寸 Dimension (mm)



焊盘推荐 Land Pattern Recommended (mm)

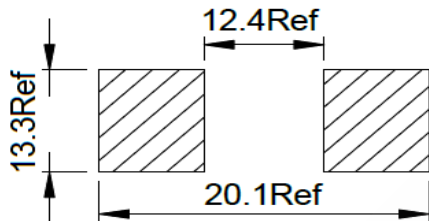


示意图 Schematics



电性特性 Electrical Properties

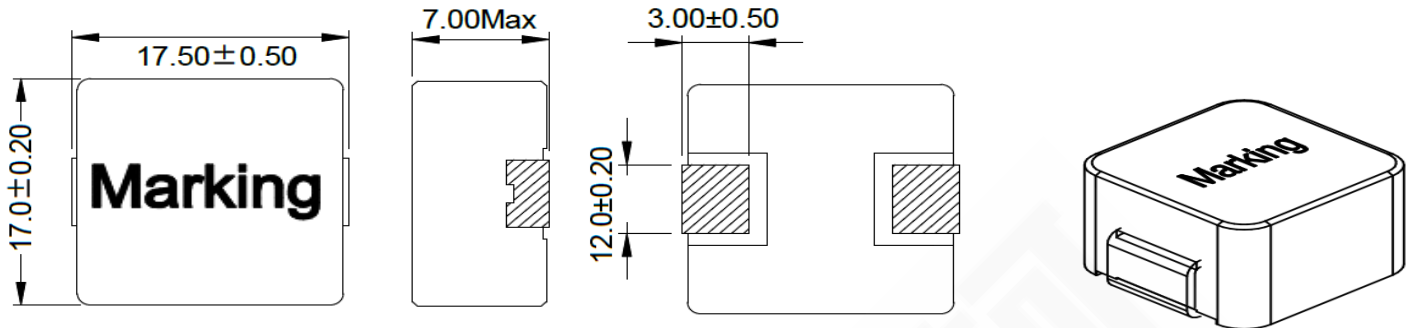
型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1770-1R0M	1.00 ±20%	33.00	1.90	39.00	100.00	300
SPI19-1770-1R5M	1.50 ±20%	31.00	2.10	36.00		300
SPI19-1770-2R2M	2.20 ±20%	30.00	2.50	32.00		300
SPI19-1770-3R3M	3.30 ±20%	22.00	4.80	30.00		300
SPI19-1770-4R7M	4.70 ±20%	20.00	4.80	24.00		300
SPI19-1770-6R8M	6.80 ±20%	17.00	8.00	22.00		300
SPI19-1770-8R2M	8.20 ±20%	16.00	8.80	20.00		300

测试状态

Test Condition

- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 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)

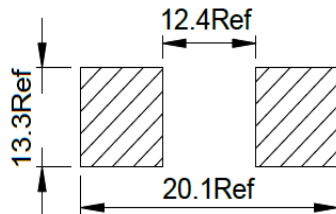


示意图 Schematics



电性特性 Electrical Properties

型号 Part Mo.	电感 Inductance μH	温升电流 Rated Current I _r typ 40°C (A)	直流电阻 DC Resistance DCR _{max} (mΩ)	饱和电流 Saturation Current I _{sat} typ (A)	耐压 Withstanding Volt. ≤1mA/3S (V) _{max}	卷盘数量 Taping Reel Qty. pcs
SPI19-1770-100M	10.00 ±20%	14.60	11.00	18.00	100.00	300
SPI19-1770-150M	15.00 ±20%	10.30	22.00	14.50		300
SPI19-1770-220M	22.00 ±20%	10.00	23.00	12.00		300
SPI19-1770-330M	33.00 ±20%	8.20	36.00	10.00		300
SPI19-1770-470M	47.00 ±20%	7.00	47.00	7.50		300
SPI19-1770-560M	56.00 ±20%	6.50	58.00	7.00		300
SPI19-1770-680M	68.00 ±20%	6.20	60.00	6.50		300

测试状态

Test Condition

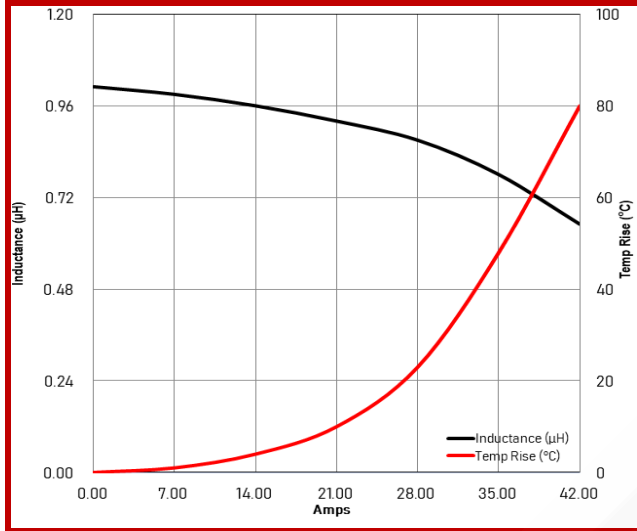
- ☆ 电感测试条件为 100 kHz/ 1.0V
Inductance measure condition at 100 kHz/ 1.0V
- ☆ 工作温度: -40°C ~ +125°C
Operating Temperature: -40°C ~ +125°C
- ☆ 饱和电流: 电感值下降其初始值的30%时所加载的实际直流电流值
Saturation Current: The actual value of DC current when the inductance drop 30% of initial value



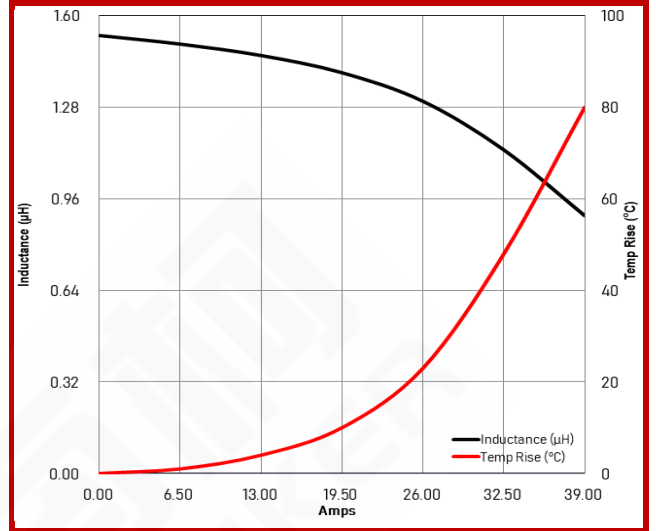
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

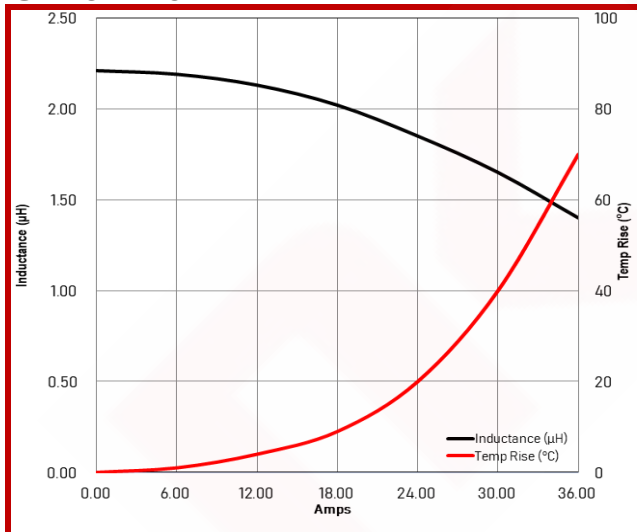
SPI19-1770-1R0M



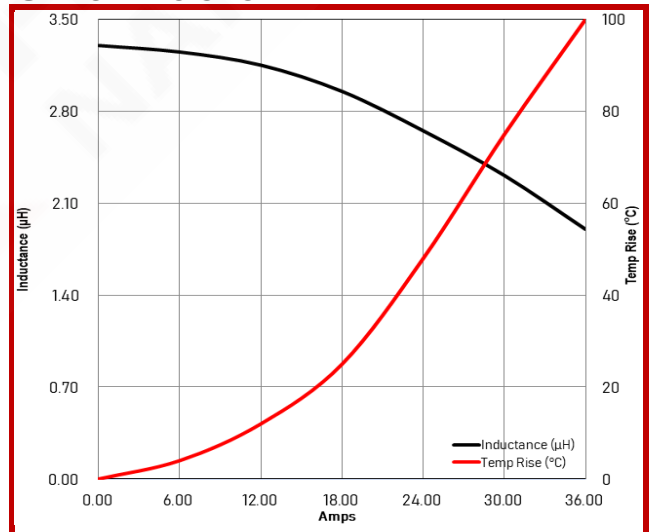
SPI19-1770-1R5M



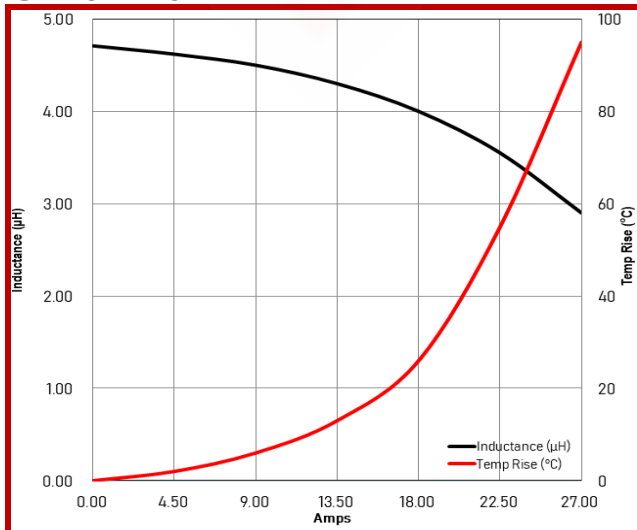
SPI19-1770-2R2M



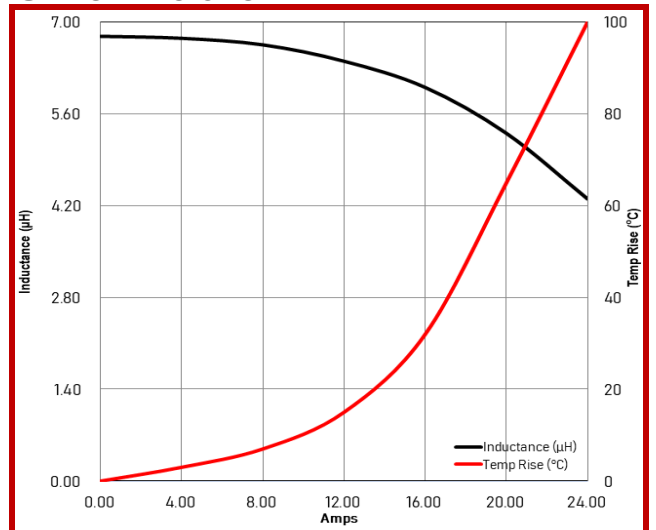
SPI19-1770-3R3M



SPI19-1770-4R7M



SPI19-1770-6R8M

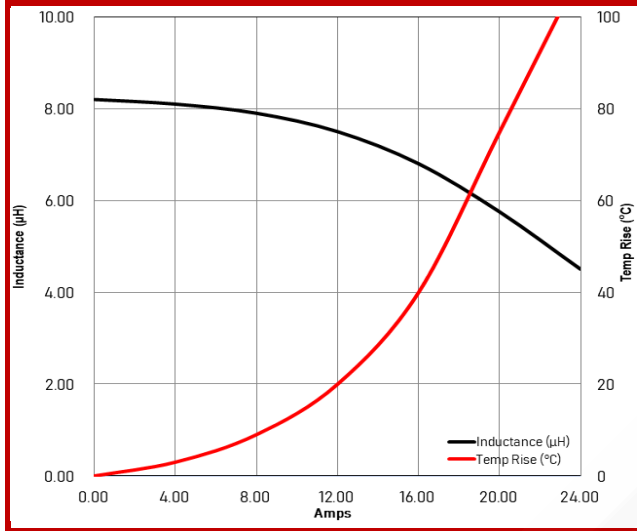




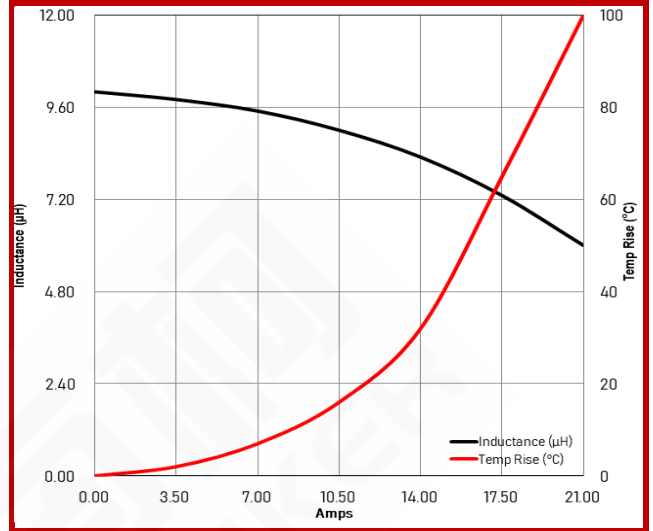
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

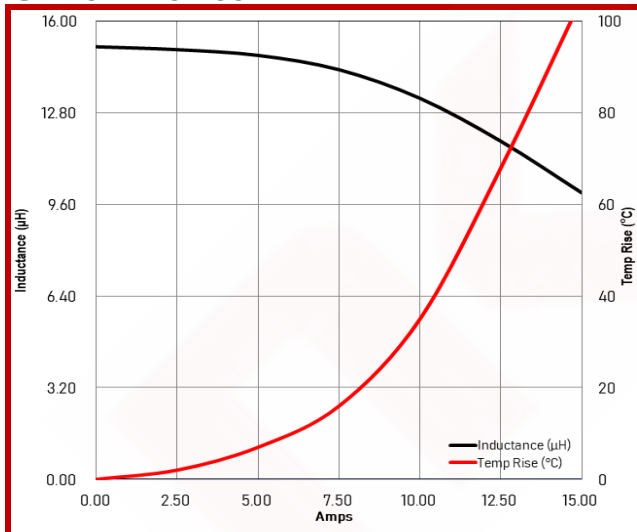
SPI19-1770-8R2M



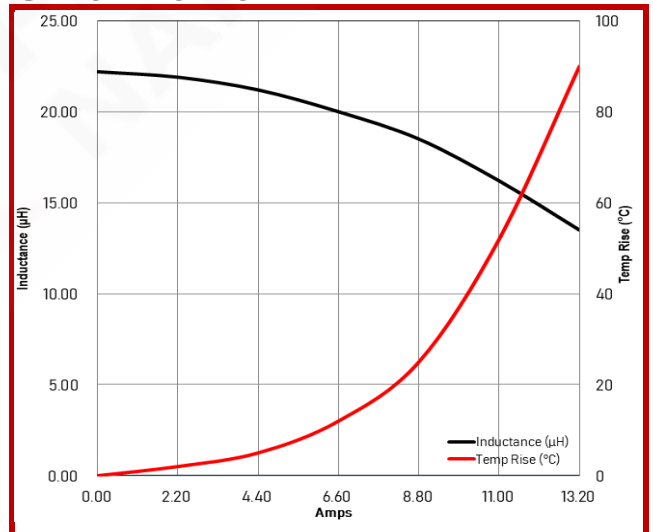
SPI19-1770-100M



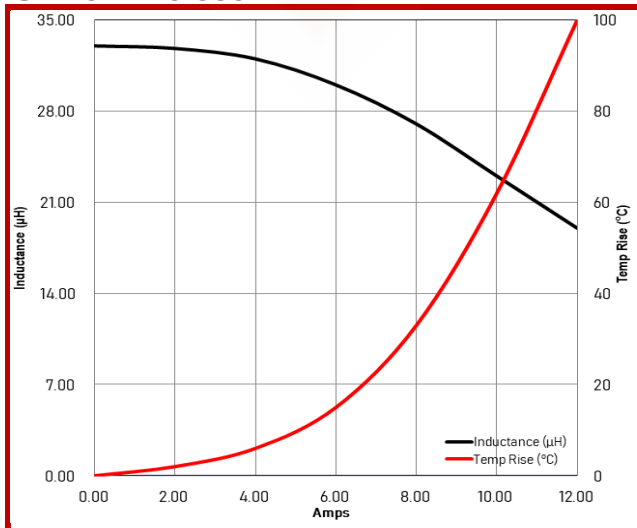
SPI19-1770-150M



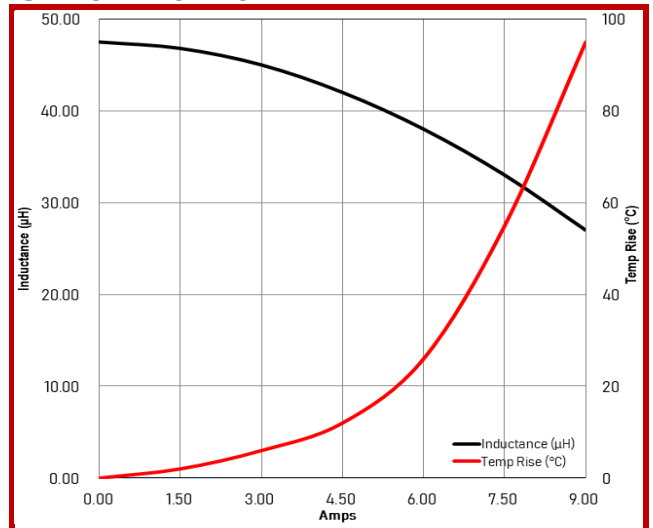
SPI19-1770-220M



SPI19-1770-330M



SPI19-1770-470M

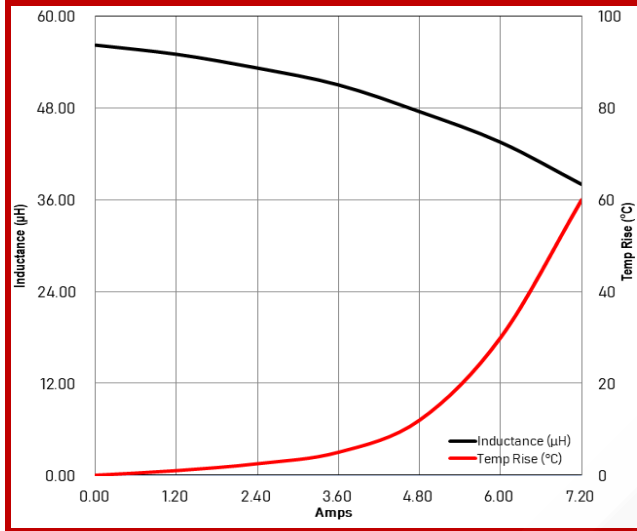




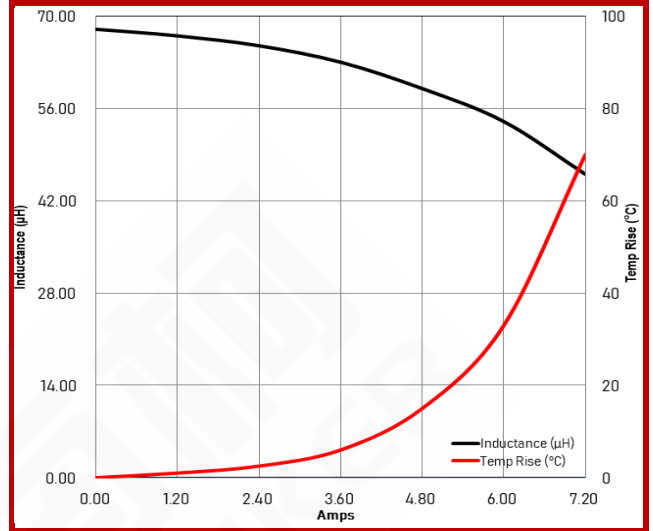
饱和电流VS温升电流曲线

Saturation current vs temperature rise current curve

SPI19-1770-560M



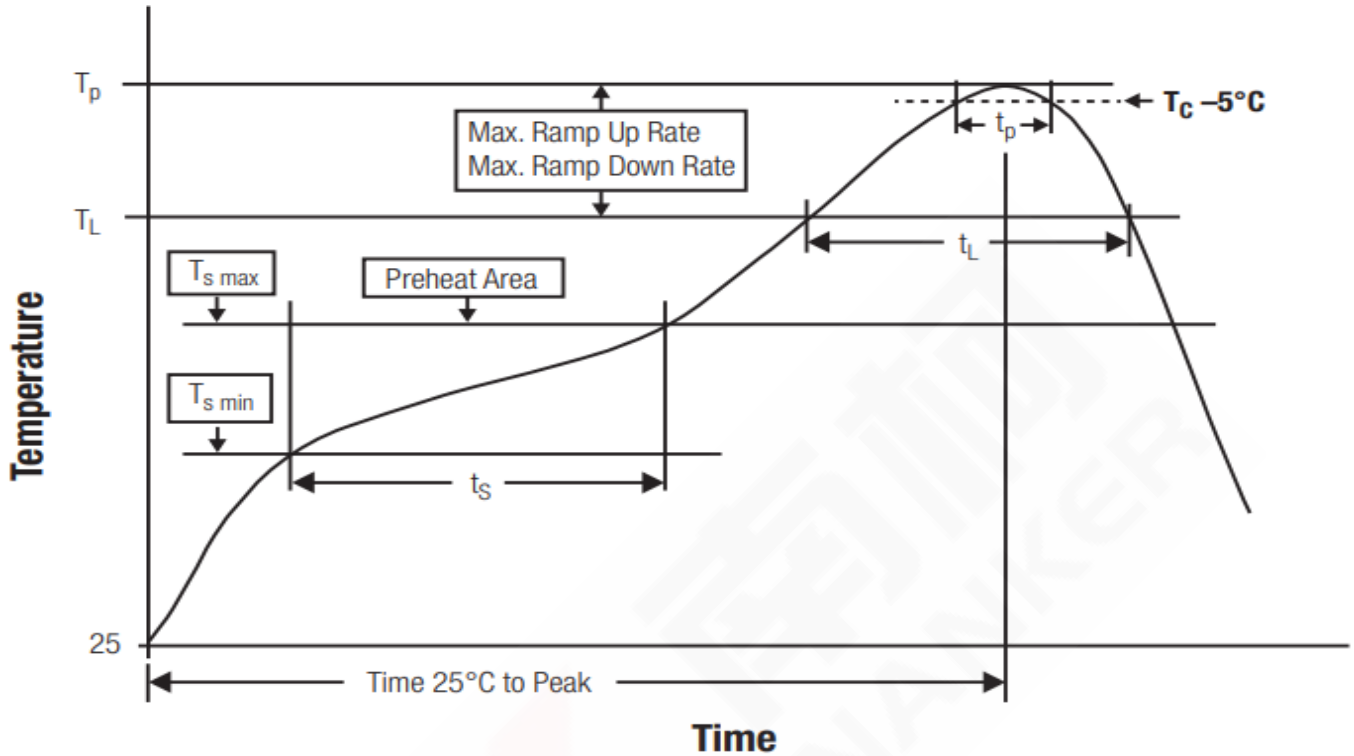
SPI19-1770-680M





回流焊曲线图

Classification Reflow Profile for SMT Components



封装体峰值温度(T_p)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.