

## 产品承认书

## PRODUCT APPROVED SHEET

客户名称

CUSTOMER NAME: \_\_\_\_\_

产品名称

PRODUCT NAME: 功率电感 POWER INDUCTOR

产品型号

PRODUCT MODEL: NLPF

客户料号

CUSTOMER P/N: \_\_\_\_\_

送样日期

SAMPLE DATE: \_\_\_\_\_

供应商

SUPPLIER: 南京南山半导体有限公司 NSCN SEMICONDUCTOR CO., LTD.

※ 本公司承诺所销售产品的品质与所送样品一致, 并与附件所录参数相符。

We promise our products conform to the sample furnished in quality, and match with the parameters in the attachment.

※ 若对产品的品质有特殊要求, 请与本公司销售工程师联系。

In case of any special requirement on the quality, please feel free to contact our sales engineers.

※ 感谢您给予本公司承认的机会, 烦请将此表寄回本公司便于存档。

Thank you for giving the opportunity for the sample approval, please send this form back to the company for archiving.

公司确认 COMPANY APPROVAL			客户确认 CUSTOMER APPROVAL		
编写 PREPARED	审核 CHECKED	批准 APPROVED	检验 VERIFIED	审核 CHECKED	批准 APPROVED
公司签章 CHOP			公司签章 CHOP		

联系方式:

电话: 025-84712762 84712745 84710496

传真: 025-84710486

邮箱: tech@nscn.com.cn

地址: 江苏省南京市洪武路 26 号天丰大厦 11 层

邮编: 210005

■ NLPF 系列功率电感  
NLPF SERIES SMD POWER INDUCTORS

• 特征 FEATURES

- 大电流
- 屏蔽结构
- 适合于表面贴装, 适合于回流焊
- High saturation current
- Magnetic shielded
- SMT type, suitable for solder reflow



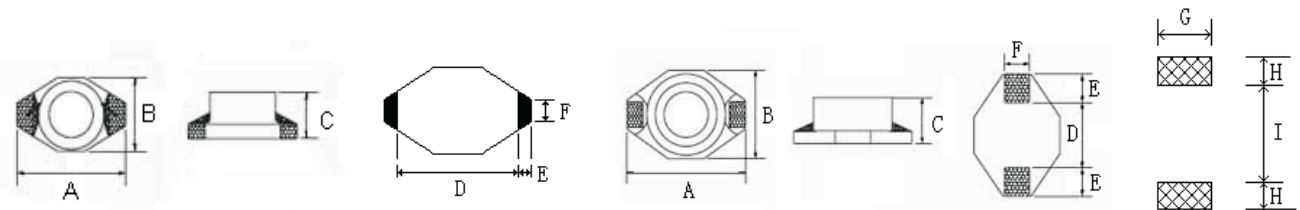
• 应用 APPLICATIONS

- 移动通信
- 笔记本电脑
- DC/DC 转换
- Portable communication equipment
- Notebook Computer
- DC/DC converters etc.

• 产品规格型号表示方法 HOW TO ORDER

NLP ①	F ②	3316 ③	—	101 ④	M ⑤	T ⑥			
①	②	③		④	⑤	⑥			
产品代号 Product Code	类别代码 Class Code	规格尺寸(L×W×T) (mm) Dimensions		感量(μH) Inductance		误差 Tolerance		包装方式 Packaging Style	
功率电感 Power Inductor	F	1608	6.40×4.10×2.60	150	15	M	±20%	T	卷带盘装 Tape&Reel
		3316	12.70×9.20×4.90	101	100	N	±30%	B	散装 Bulk
		5022	18.10×14.10×6.80	102	1000				

• 外形尺寸 DIMENSIONS



NLPF1608 series

NLPF3316&NLPF5022series

单位(Unit):mm

型号 Part	A	B	C	D	E	F	G	H	I
NLPF1608	6.40	4.10	2.80	4.32	1.02	1.27	3.56	1.40	4.06
NLPF3316	12.70	9.20	4.90	7.62	2.54	2.52	2.79	2.92	7.37
NLPF5022	18.10	14.10	6.80	12.70	2.54	2.54	2.79	2.92	12.45

## NLPF1608 series

型号 Part Number	电感量 L (μH)	公差 Tolerance	测试频率 Test Freq.	直流电阻 DCR(Ω)Max	饱和电流 Isat(A)
NLPF1608-1R0NT	1.0	±30%	100kHz	0.070	1.400
NLPF1608-1R5NT	1.5	±30%	100kHz	0.080	0.930
NLPF1608-2R2NT	2.2	±30%	100kHz	0.088	0.920
NLPF1608-3R3NT	3.3	±30%	100kHz	0.102	0.750
NLPF1608-4R7NT	4.7	±30%	100kHz	0.115	0.580
NLPF1608-6R8NT	6.8	±30%	100kHz	0.125	0.580
NLPF1608-8R2NT	8.2	±30%	100kHz	0.150	0.470
NLPF1608-100MT	10	±20%	100kHz	0.150	0.370
NLPF1608-150MT	15	±20%	100kHz	0.260	0.310
NLPF1608-220MT	22	±20%	100kHz	0.320	0.300
NLPF1608-330MT	33	±20%	100kHz	0.360	0.300
NLPF1608-470MT	47	±20%	100kHz	0.450	0.240
NLPF1608-680MT	68	±20%	100kHz	0.800	0.170
NLPF1608-101MT	100	±20%	100kHz	1.000	0.130
NLPF1608-151MT	150	±20%	100kHz	1.500	0.100
NLPF1608-221MT	220	±20%	100kHz	2.000	0.100
NLPF1608-331MT	330	±20%	100kHz	2.350	0.070

## NLPF3316 series

型号 Part Number	电感量 L (μH)	公差 Tolerance	测试频率 Test Freq.	直流电阻 DCR(Ω)Max	饱和电流 Isat(A)
NLPF3316-1R0NT	1.0	±30%	100kHz	0.021	5.60
NLPF3316-1R5NT	1.5	±30%	100kHz	0.022	5.20
NLPF3316-2R2NT	2.2	±30%	100kHz	0.032	5.00
NLPF3316-3R3NT	3.3	±30%	100kHz	0.039	3.90
NLPF3316-4R7NT	4.7	±30%	100kHz	0.054	3.20
NLPF3316-6R8NT	6.8	±30%	100kHz	0.075	2.80
NLPF3316-100MT	10	±20%	100kHz	0.101	2.40
NLPF3316-150MT	15	±20%	100kHz	0.150	2.00
NLPF3316-220MT	22	±20%	100kHz	0.207	1.60
NLPF3316-330MT	33	±20%	100kHz	0.334	1.40
NLPF3316-470MT	47	±20%	100kHz	0.472	1.00
NLPF3316-101MT	100	±20%	100kHz	0.490	0.70

## NLPF5022 series

型号 Part Number	电感量 L (μH)	公差 Tolerance	测试频率 Test Freq.	直流电阻 DCR(Ω)Max	饱和电流 Isat(A)
NLPF5022-100MT	10	±20%	100kHz	0.040	8.0
NLPF5022-150MT	15	±20%	100kHz	0.048	7.0
NLPF5022-220MT	22	±20%	100kHz	0.059	6.0
NLPF5022-330MT	33	±20%	100kHz	0.095	5.0
NLPF5022-470MT	47	±20%	100kHz	0.125	4.0
NLPF5022-680MT	68	±20%	100kHz	0.180	3.0
NLPF5022-101MT	100	±20%	100kHz	0.250	2.4
NLPF5022-151MT	150	±20%	100kHz	0.350	2.1
NLPF5022-221MT	220	±20%	100kHz	0.550	1.9
NLPF5022-331MT	330	±20%	100kHz	1.080	1.1
NLPF5022-471MT	470	±20%	100kHz	1.190	1.1
NLPF5022-681MT	680	±20%	100kHz	1.400	0.96
NLPF5022-102MT	1000	±20%	100kHz	2.010	0.80

Isat: 饱和电流, 加Isat时, 电感量下降≤10%

Isat: Saturation Current, the current when the inductance becomes 10% lower than its initial value.

注：本规格书仅供参考，内容若有更改，恕不另行通知，以最新版本为准！

Note: This specification is for reference only. Contents are subject to change without notice, the latest version prevails