NN1-AN   Series

■ Typical product tabulates /**典型性能**

- ◆特点：定电压输入，隔离非稳压输出，1W功率 Characteristics : Fixed input, isolation , Unregulated Output , 1W
- ◆隔离电压 Isolation Voltage : 1500Vdc
- ◆效率 高达 Efficiency up to ：78%
- ◆工作环境温度 Temperature range : -40°C ~ + 85°C
- ◆MTBF≥350万小时 (35×10^5Hrs)
- ◆符合RoHS指令 Comply with the RoHS directive
- ◆线性调节率 (输入电压变化±1%时)：±1.2% Line regulation (when input change±1%)：±1.2%
- ◆负载调节率(10%-100%满载)：15% Load regulation (10%-100% full load)：15%
- ◆纹波 / 噪声(20MHz带宽) 100mVp-p Typ Ripple and noise (20MHz band width) 100mVp-p Typ
- ◆小型SIP封装 Small SIP package
- ◆无需外加元件 No external component required
- ◆有短路保护，自动恢复 Short Circuit Protection, Automatic recovery
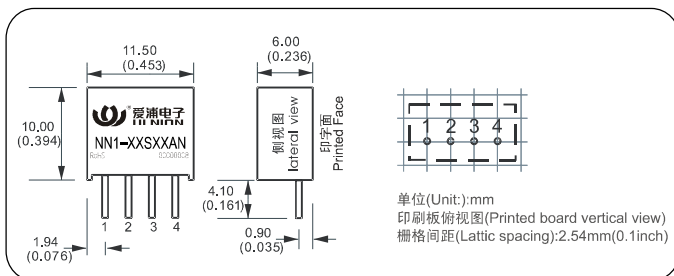- ◆塑料外壳，满足UL94-V0要求 Plastic case, up to standard of UL94-V0

■ Typical product tabulates / **典型产品列表**

产品型号 Type	输入电压(Vdc) Input voltage range		输入电流 (mA)(typ)		输出电压 (Vdc) Output voltage	输出电流 (mA) Output current		输出功率 (W) Output power	纹波噪声(Typ) (mvp-p) Ripple noise	最大容性负载 (uF) Max capacitive load	满载效率 (%,typ) Full load efficiency
	标称值 Nominal value	范围值 Rang value	满载 Full load	空载 No-load	Output voltage	Min	Max	Output power	Ripple noise	Max capacitive load	Full load efficiency
NN1-05S05AN	5	4.5-5.5	261	25	5	20	200	1	100	47	76
NN1-05S09AN			261		9	12	111			22	76
NN1-05S12AN			260		12	9	83			22	77
NN1-05S15AN			260		15	7	67			22	77
NN1-05S24AN			260		24	4	42			10	77
NN1-12S05AN	12	10.8-13.2	108	15	5	20	200	1	100	47	77
NN1-12S09AN			108		9	12	111			22	77
NN1-12S12AN			108		12	9	83			22	77
NN1-12S15AN			107		15	7	67			22	78
NN1-24S05AN	24	21.6-26.4	55	8	5	20	200	1	100	47	76
NN1-24S09AN			54		9	12	111			22	77
NN1-24S12AN			54		12	9	83			22	77
NN1-24S15AN			54		15	7	67			22	78

因篇幅有限，以上只是部分产品列表，若需列表以外产品，请与本公司销售部联系。
Due to space limitations ,the above list is only for some products, If demand for others not included in the tabulates, please contact the Company's sales department.

■ Mechanical Data / **封装尺寸**

11.50 (0.453)
6.00 (0.236)
10.00 (0.394)
NN1-XXSXXAN
侧视图 Lateral view
印字面 Printed Face
4.10 (0.161)
1.94 (0.076)
1 2 3 4
0.90 (0.035)
1 2 3 4
单位(Unit:):mm
印刷板俯视图(Printed board vertical view)
栅格间距(Lattic spacing):2.54mm(0.1inch)

封装代号 Package code	L x W x H	
(单路输出 Single output)	11.50× 6.00 × 10.00mm	0.453 × 0.236 × 0.394inch

单路输出(Single route output)SIP

管脚号码 (Pin No)	1	2	3	4
功能(Usage)	GND	+Vin	-Vo	+Vo
	输入负极	输入正极	输出负极	输出正极

注意： 模块电源的各管脚定义如与选型手册不符，应以实物标签上的标注为准。图中所标注管脚长度为最小规格尺寸。
Note：The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item. Pin length of inside image is minimum size.

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FPF1C2P5BF07A FH2000NPBAP IF1205S-1WR3 A2415XT-1WR3 F1205XT-2WR3 E1215XT-1WR3 A0505S-1WR2 A2415S-1WR2 A2415S-1WR3 F1205S-2WR3 F2405S-2WR3 FD30-18S12B3 IA0505KS-2W B1212S-1W URA2412YMD-15WR3 UWF1212S-1WR3 URB4805S-3WR3 VRB2412YMD-20WR3 B1215S-2WR3 URB4815YMD-30WR3 B1224S-1WR3 B1505S-1WR3 B2415XT-2WR3 A1212S-1WR3 B1215LS-1WR2 B2405LS-1WR3 VRB2405LD-15WR3 HCS2-24D15 RD5-12S24W RD5-110S05W RD5-110S12W RD25-5S12F MAS15-12-W MAS15-24-W FAS15-12-W RALT15-05H12-WIT RAS25-5-W RAS25-12-W RAS25-24-W BB-WSK-HAC-2 LD15-23B03R2 TAS5-15-WEDT WRB1209S-3WR2 ZY2424FLS-1W ZY0512FS-1W B0505S-1WS NA03-T2S05 A0515S-2W G1205S-1W A2409S-2W