

## 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<sup>5</sup>Hrs)
- ◆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



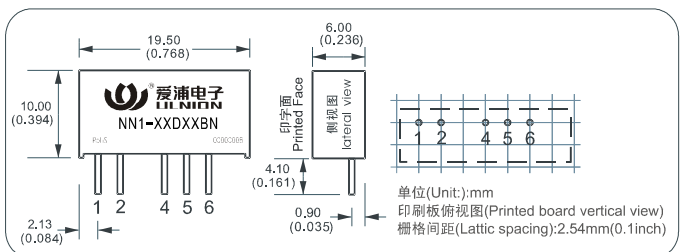
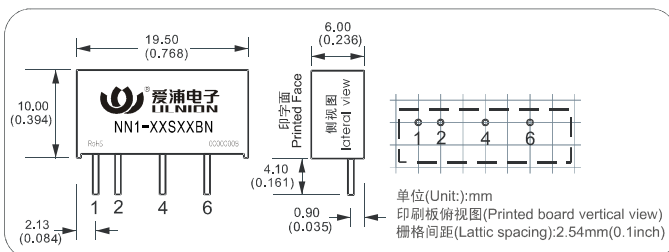
## Typical product tabulates / 典型产品列表

产品型号 Type	输入电压(Vdc) Input voltage range		输入电流 (mA)(typ)		输出电压 (Vdc)			输出功率 (W)	纹波噪声(Typ) (mvp-p)	最大容性负载 (uF)	满载效率 (%,typ)		
	标称值 Nominal value	范围值 Rang value	满载 Full load	空载 No-load	Output voltage	Min	Max						
NN1-05S05BN	5	4.5-5.5	261	30	5	20	200	1	100	47	76		
NN1-05S09BN			261		9	12	111					22	76
NN1-05S12BN			260		12	9	83					22	77
NN1-05S15BN			260		15	7	67					22	77
NN1-05S24BN			260		24	4	42					10	77
NN1-12S05BN	12	10.8-13.2	108	16	5	20	200	1	100	47	77		
NN1-12S09BN			108		9	12	111					22	77
NN1-12S12BN			108		12	9	83					22	77
NN1-12S15BN			107		15	7	67					22	78
NN1-24S05BN			55		5	20	200					47	76
NN1-24S09BN	54	9	12	111	22	77							
NN1-24S12BN	54	12	9	83	22	77							
NN1-24S15BN	54	15	7	67	22	78							
NN1-05D05BN	5	4.5-5.5	263	30	±5	±10	±100	1	100	22	76		
NN1-05D09BN			260		±9	±6	±56			10	77		
NN1-05D12BN			260		±12	±5	±42			10	77		
NN1-05D15BN			256		±15	±4	±33			10	78		
NN1-05D24BN			260		±24	±2	±21			4.7	77		
NN1-12D05BN	12	10.8-13.2	108	16	±5	±10	±100	1	100	22	77		
NN1-12D09BN			108		±9	±6	±56			10	77		
NN1-12D12BN			108		±12	±5	±42			10	77		
NN1-12D15BN			107		±15	±4	±33			10	78		
NN1-24D05BN			55		±5	±10	±100			22	76		
NN1-24D09BN	54	±9	±6	±56	10	77							
NN1-24D12BN	54	±12	±5	±42	10	77							
NN1-24D15BN	53	±15	±4	±33	10	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



管脚号码 (Pin No)	1	2	4	5	6
单路 (Single)	Vin	GND	-Vo		+Vo
	输入正极	输入负极	输出负极		输出正极
双路 (Dual)	Vin	GND	-Vo	COM	+Vo
	输入正极	输入负极	输出负极	输出共地	输出正极

封装代号 Package code	L x W x H	
	19.50 × 6.00 × 10.00mm	0.768 × 0.236 × 0.394inch

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.