

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 (35×10⁵Hrs)
- ◆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



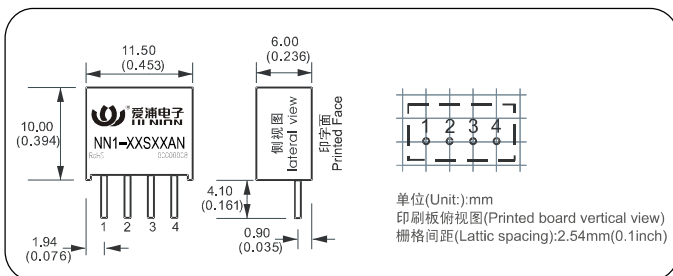
Typical product tabulates / 典型产品列表

| 产品型号 Type | 输入电压(Vdc) Input voltage range | | 输入电流 (mA)(typ) | | 输出电压 (Vdc) | 输出电流 (mA) Output current | | 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 | 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



| | | |
|----------------------|--------------------|-----------------------|
| 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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[F2405S-2WR3](#) [FD30-18S12B3](#) [IA1205KS-2W](#) [IA2412KS-2W](#) [B1212S-1W](#) [UWF1212S-1WR3](#) [VRA2405YMD-6WR3](#) [URB4805S-3WR3](#)
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