

### ■ Typical performance/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: 1000VDC/3000VDC
- ◆ 效率 Efficiency : 高达(up to) 80%
- ◆ 工作环境温度 Working temperature : -40℃~+85℃
- ◆ MTBF ≥ 350 万小时(3500000Hrs)
- ◆ 符合 RoHS 指令 In line with RoHS codes
- ◆ 线性调节率 (输入电压变化±1%时) ±1.2%  
Line regulation (once 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) <75mVp-p Ripple and noise (20MHz Band width) <75mVp-p



### 典型产品列表 Typical product tabulates

型号 TYPE	输入电压范围 Input voltage range	标称输出电压/输出电流 (Nominal output voltage / output current)					
		VO1			VO2		
		电压 (V) Input voltage	最小电流 Min mA	最大电流 Max mA	电压 (V) Input voltage	最小电流 Min mA	最大电流 Max mA
NN1-□S05S	5V (4.5~5.5VDC) 12V (10.8~13.2VDC) 24V (21.6~26.4VDC) 48V (43.2~52.8VDC)	5V	20mA	200mA			
NN1-□S09S		9V	11mA	110mA			
NN1-□S12S		12V	8.3mA	83mA			
NN1-□S15S		15V	6.8mA	68mA			
NN1-□S24S		24V	4.2mA	42mA			
NN1-□D05S		+5V	10mA	100mA	-5V	10mA	100mA
NN1-□D09S	+9V	5.5mA	55mA	-9V	5.5mA	55mA	
NN1-□D12S	+12V	4mA	40mA	-12V	4mA	40mA	
NN1-□D15S	+15V	3.3mA	33mA	-15V	3.3mA	33mA	
NN1-□D24S	+24V	2.1mA	21mA	-24V	2.1mA	21mA	
NN1-□D05IS	+5V	10mA	100mA	+5V	10mA	100mA	
NN1-□D09IS	+9V	5.5mA	55mA	+9V	5.5mA	55mA	
NN1-□D12IS	+12V	4mA	40mA	+12V	4mA	40mA	
NN1-□D15IS	+15V	3.3mA	33mA	+15V	3.3mA	33mA	
NN1-□D24IS	+24V	2.1mA	21mA	+24V	2.1mA	21mA	
NN1-□S05S3		5V	20mA	200mA			
NN1-□S09S3		9V	11mA	110mA			

NN1-□S12S3	12V	8.3mA	83mA			
NN1-□S15S3	15V	6.8mA	68mA			
NN1-□S24S3	24V	4.2mA	42mA			
NN1-□D05S3	+5V	10mA	100mA	-5V	10mA	100mA
NN1-□D09S3	+9V	5.5mA	55mA	-9V	5.5mA	55mA
NN1-□D12S3	+12V	4mA	40mA	-12V	4mA	40mA
NN1-□D15S3	+15V	3.3mA	33mA	-15V	3.3mA	33mA
NN1-□D24S3	+24V	2.1mA	21mA	-24V	2.1mA	21mA

注：□代表输入电压标称值，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。

□Shows the nominal value of input voltage, due to space limitations ,the above list is only for some products, If other than a list of products, please contact the Company's sales department.

### 封装尺寸 Mechanical Data

封装代号 Package code	L x W x H	
A(单路输出 single output)	11.50 × 6.00 × 10.00mm	0.45 × 0.24 × 0.39inch
B(单路输出 single output)	19.50 × 6.00 × 10.00mm	0.77 × 0.24 × 0.39inch
C(两路正负输出 dual output )	19.50 × 6.00 × 10.00mm	0.77 × 0.24 × 0.39inch
D(两路隔离输出 dual output isolated )	19.50 × 6.00 × 10.00mm	0.77 × 0.24 × 0.39inch
E(单路输出 3000VDC 隔离 single output 3000VDC isolated)	19.50 × 6.00 × 10.00mm	0.77 × 0.24 × 0.39inch
F(两路正负输出 3000VDC 隔离 dual output 3000VDC isolated)	19.50 × 6.00 × 10.00mm	0.77 × 0.24 × 0.39inch

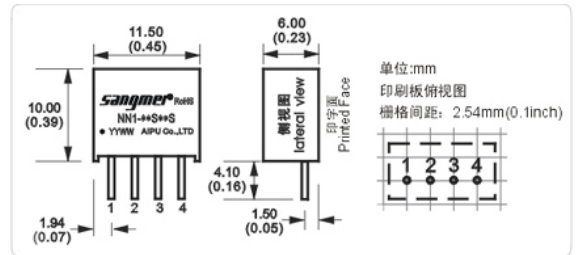
## 封装尺寸图 Mechanical Data

### ■ 封装尺寸 A: 单路输出 (single route output)SIP

管脚代码	1	2	3	4	5	6	7
功能(Usage)	GND	Vin	-Vo	+Vo			

▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm

▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.

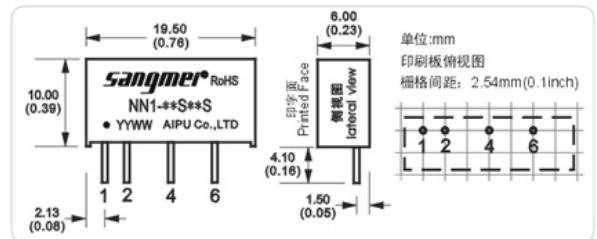


### ■ 封装尺寸 A: 单路输出 (single route output)SIP

管脚代码	1	2	3	4	5	6	7
功能(Usage)	Vin	GND		-Vo		+Vo	

▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm

▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.

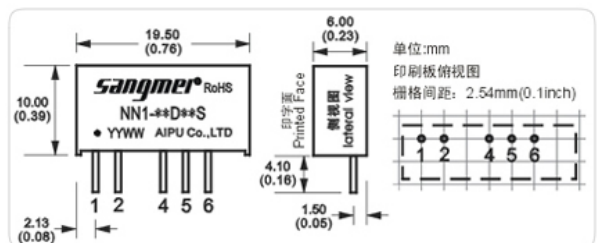


### ■ 封装尺寸 B: 正负两路输出 (Duel route Positive and negative out)SIP

管脚代码	1	2	3	4	5	6	7
功能(Usage)	Vin	GND		-Vo	COM	+Vo	

▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm

▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.

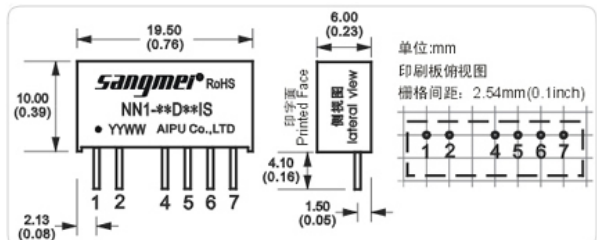


### ■ 封装尺寸 C: 两路隔离输出 (Duel route isolation output)SIP

管脚代码	1	2	3	4	5	6	7
功能(Usage)	Vin	GND		-Vo1	+Vo1	-Vo2	+Vo2

▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm

▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.

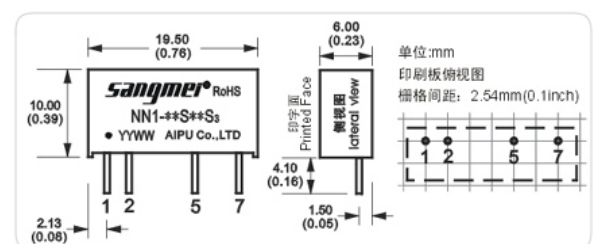


### ■ 封装尺寸 D: 单路输出 3000VDC 隔离 (Single route output 3000VDC)SIP

管脚代码	1	2	3	4	5	6	7
功能(Usage)	Vin	GND			-Vo		+Vo

▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm

▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.



### ■ 封装尺寸 F: 两路正负输出 3000VDC 隔离(Duel route Positive and negative out 3000VD)SIP

管脚代码	1	2	3	4	5	6	7
功能(Usage)	Vin	GND			-Vo	COM	+Vo

▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm

▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.

