

### ■ Typical performance/典型性能

◆特点: 定电压输入, 隔离稳压输出, 1W 功率

Characteristics: Fixed Input, Isolation, Regulated Output, 1W

◆隔离电压 Isolation voltage: 1500VDC/3000VDC

◆效率 Efficiency : 高达(up to) 80%

◆工作环境温度 Working temperature : -40°C ~ +85°C

◆MTBF ≥ 100 万小时(1000000Hrs)

◆符合 RoHS 指令 In line with RoHS codes

◆线性调节率 (输入电压最低到最高) ±0.2% Line regulation (once input change) ±0.2%

◆负载调节率(10%-100%满载) ±0.5% Load regulation (10%-100% full load) ±0.5%

◆纹波/ 噪声(20MHz 带宽) <75mVp-p Ripple and noise (20MHz Band width) <75mVp-p

◆ 可持续短路保护 Constant short circuit protection



### 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	mA		电压 (V) Input voltage	mA	
KW1-□S05S	5V (4.5~9VDC)	5V	200mA				
KW1-□S09S	12V (9~18VDC)	9V	110mA				
KW1-□S12S	24V (18~36VDC)	12V	83mA				
KW1-□S15S	48V (36~72VDC)	15V	68mA				
KW1-□S24S		24V	42mA				
KW1-□D05S		+5V	100mA		-5V	100mA	
KW1-□D09S		+9V	55mA		-9V	55mA	
KW1-□D12S		+12V	40mA		-12V	40mA	
KW1-□D15S		+15V	33mA		-15V	33mA	
KW1-□D24S		+24V	21mA		-24V	21mA	
KW1-□D05IS		+5V	100mA		+5V	100mA	
KW1-□D09IS		+9V	55mA		+9V	55mA	
KW1-□D12IS		+12V	40mA		+12V	40mA	
KW1-□D15IS		+15V	33mA		+15V	33mA	
KW1-□D24IS		+24V	21mA		+24V	21mA	
KW1-□S05S3		+5V	200mA				
KW1-□S09S3		+9V	110mA				

KW1-□S12S3	+12V	83mA				
KW1-□S15S3	+15V	68mA				
KW1-□S24S3	+24V	42mA				
KW1-□D05S3	+5V	100mA		-5V	100mA	
KW1-□D09S3	+9V	55mA		-9V	55mA	
KW1-□D12S3	+12V	40mA		-12V	40mA	
KW1-□D15S3	+15V	33mA		-15V	33mA	
KW1-□D24S3	+24V	21mA		-24V	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 abovelist 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

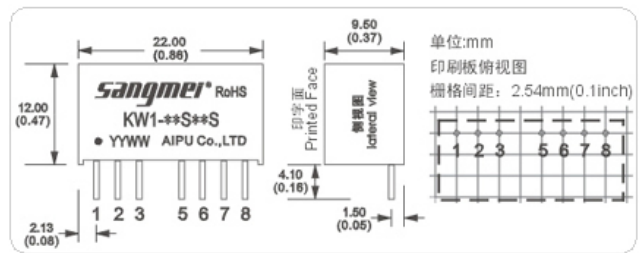
封装代号 Package code	L x W x H	
A (单路输出 single output)	22.00 × 9.50 × 12.00mm	0.86 × 0.37 × 0.47inch
B ( 两路正负输出 dual output )	22.00 × 9.50 × 12.00mm	0.86 × 0.37 × 0.47inch
C( 两路隔离输出 dual output isolated )	27.50 × 9.50 × 12.00mm	1.08 × 0.37 × 0.47inch
D( 单路输出 3000VDC 隔离 single output 3000VDC isolated)	22.00 × 9.50 × 12.00mm	0.86 × 0.37 × 0.47inch
E( 两路正负输出 3000VDC 隔离 dual output 3000VDC isolated)	22.00 × 9.50 × 12.00mm	0.86 × 0.37 × 0.47inch

## 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	5	6	7	8
功能(Usage)	GND	Vin	CTRL	NC	+Vo	-Vo	CS

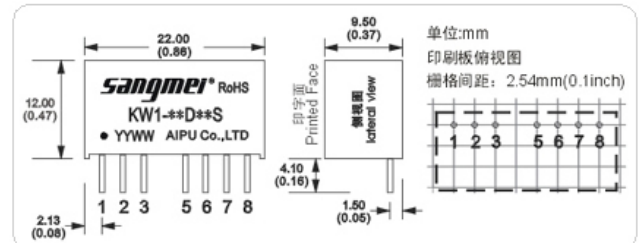
▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm  
 ▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.



### ■ 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	5	6	7	8
功能(Usage)	GND	Vin	CTRL	NC	+Vo	COM	-Vo

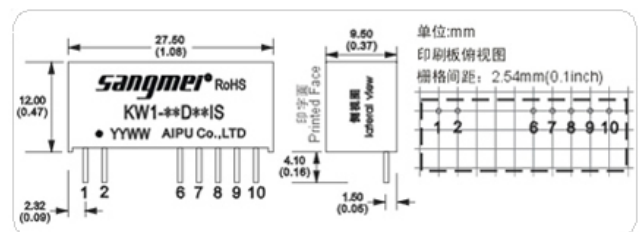
▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm  
 ▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.



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

管脚代码	1	2	6	7	8	9	10
功能(Usage)	GND	Vin	+Vo1	-Vo1	CS	-Vo2	+Vo2

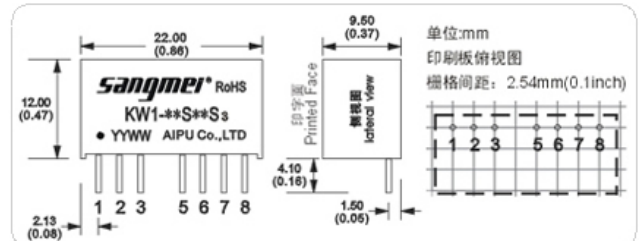
▲注: 所有单位尺寸为 mm, 所有相邻端子间距为 2.54mm, 所有端子直径为 0.65mm  
 ▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.



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

管脚代码	1	2	3	5	6	7	8
功能(Usage)	GND	Vin	CTRL	NC	+Vo	-Vo	CS

▲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 E: 两路正负输出 3000VDC 隔离(Duel route Posivlve and negative out 3000VD)SIP

管脚代码	1	2	3	5	6	7	8
功能(Usage)	GND	Vin	CTRL	NC	+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.

