

Typical performance

- ◆ Characteristics: Fixed Input, isolation, Unregulated Output, 1W
- ◆ Isolation voltage: 1000VDC
- ◆ Efficiency : up to 80%
- ◆ Working temperature : -40℃~+85℃
- ◆ MTBF≥3500000Hrs
- ◆ In line with RoHS codes
- ◆ Line regulation (once input change ±1%) ±1.2%
- ◆ Load regulation (10%-100% full load) 15%
- ◆ Ripple and noise (20MHz Band width) <100mVp-p



Typical product tabulates

TYPE	Input voltage range	Nominal output voltage / output current					
		VO1			VO2		
		Output voltage	Min mA	Max mA	Output voltage	Min mA	Max mA
NN1-□S05B	5V (4.5~5.5VDC) 12V (10.8~13.2VDC) 24V (21.6~26.4VDC)	5V	20mA	200mA			
NN1-□S09B		9V	11mA	110mA			
NN1-□S12B		12V	8.3mA	83mA			
NN1-□S15B		15V	6.8mA	68mA			
NN1-□S24B		24V	4.2mA	42mA			
NN1-□D05B		+5V	10mA	100mA	-5V	10mA	100mA
NN1-□D09B		+9V	5.5mA	55mA	-9V	5.5mA	55mA
NN1-□D12B		+12V	4mA	40mA	-12V	4mA	40mA
NN1-□D15B		+15V	3.3mA	33mA	-15V	3.3mA	33mA
NN1-□D24B		+24V	2.1mA	21mA	-24V	2.1mA	21mA
NN1-□E05B		+5V	10mA	100mA	+5V	10mA	100mA
NN1-□E09B		+9V	5.5mA	55mA	+9V	5.5mA	55mA
NN1-□E12B		+12V	4mA	40mA	+12V	4mA	40mA
NN1-□E15B		+15V	3.3mA	33mA	+15V	3.3mA	33mA
NN1-□E24B		+24V	2.1mA	21mA	+24V	2.1mA	21mA

□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.

Mechanical Data

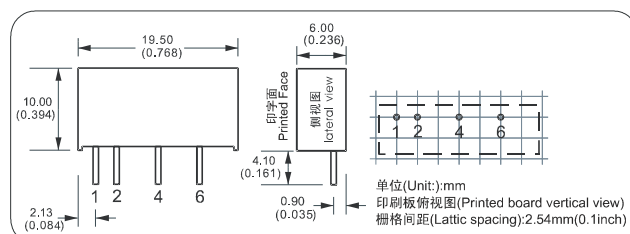
Output Type	L x W x H	
Single output	19.50 × 6.00 × 10.00mm	0.76 × 0.24 × 0.39inch
Dual output	19.50 × 6.00 × 10.00mm	0.76 × 0.24 × 0.39inch
Dual output isolated	19.50 × 6.00 × 10.00mm	0.76 × 0.24 × 0.39inch

Mechanical Data

■ Single output (SIP)

PIN No	1	2	3	4	5	6	7
Usage	Vin	GND		-Vo		+Vo	

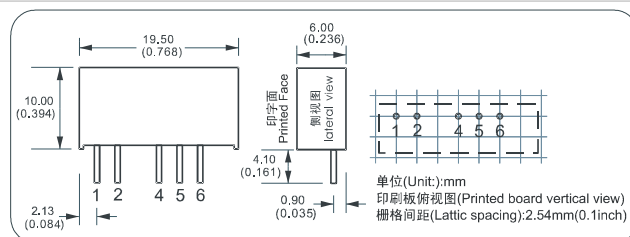
▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.



■ Dual output (SIP)

PIN No	1	2	3	4	5	6	7
Usage	Vin	GND		-Vo	COM	+Vo	

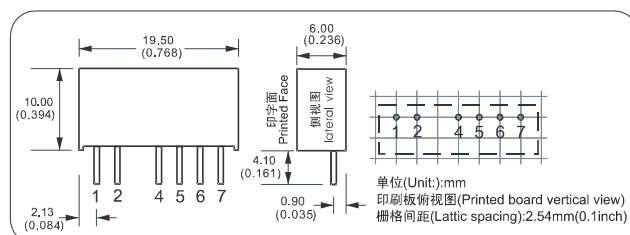
▲Note:Aaa unit is mm,all neighboring pin distance is 2.54mm,all ping diameter is 0.65mm.



■ Dual output isolated (SIP)

PIN No	1	2	3	4	5	6	7
Usage	Vin	GND		-Vo1	+Vo1	-Vo2	+Vo2

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



Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.