



NN1 Series

DC/DC 定压隔离 6000V 1W 系列

(DC/DC fixed input 1W , Isolation 6000V)

Typical performance

⊙Characteristics:Fixed Input,isolation, Unregulated Output,1W

⊙Isolation voltage: 6000VDC

⊙Efficiency :up to 78%

⊙Working temperature -40℃~+85℃

⊙MTBF≥15×10⁵Hrs

⊙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) <150mVp-p

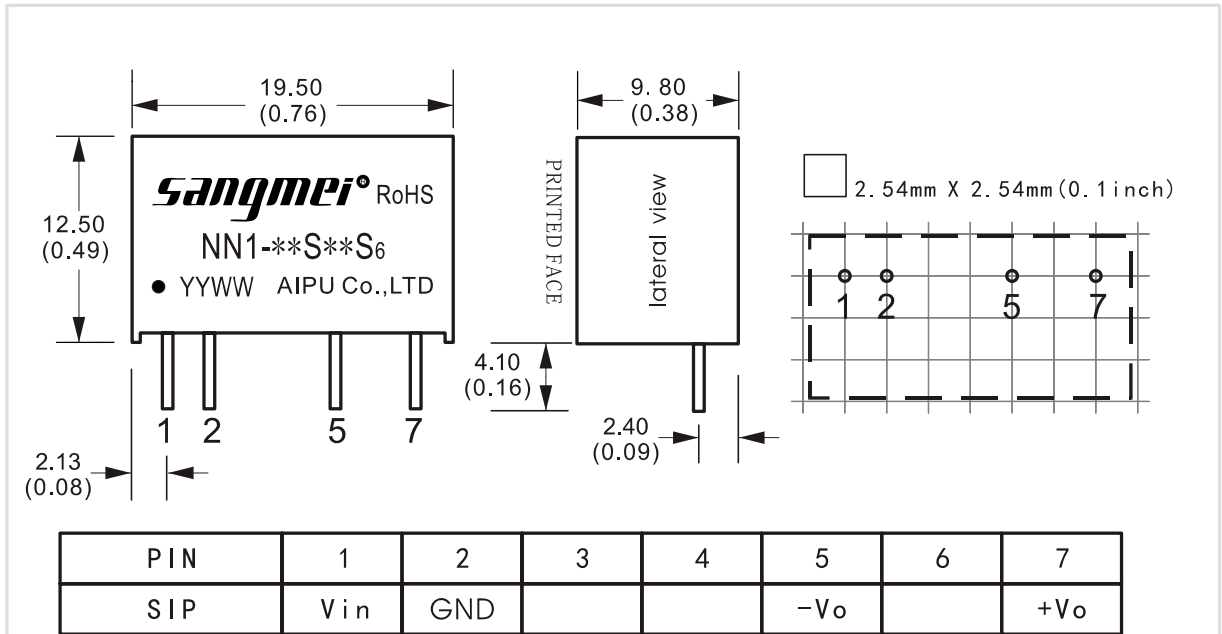
Typical product tabulates

TYPE	Input voltage range	Nominal output voltage / output current					
		VO1			VO2		
		Input Voltage (V)	Min mA	Max mA	Input Voltage (V)	Min mA	Max mA
NN1-□S05S ₆	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 ₆		9V	11mA	110mA			
NN1-□S12S ₆		12V	8mA	83mA			
NN1-□S15S ₆		15V	6.8mA	68mA			
NN1-□S24S ₆		24V	4.2mA	42mA			
NN1-□D05S ₆		+5V	+10mA	+100mA	-5V	-10mA	-100mA
NN1-□D09S ₆		+9V	+5.5mA	+55mA	-9V	-5.5mA	-55mA
NN1-□D12S ₆		+12V	+4mA	+40mA	-12V	-4mA	-40mA
NN1-□D15S ₆		+15V	+3.3mA	+33mA	-15V	-3.3mA	-33mA
NN1-□D24S ₆		+24V	+2.1mA	+21mA	-24V	-2.1mA	-21mA

Mechanical Data

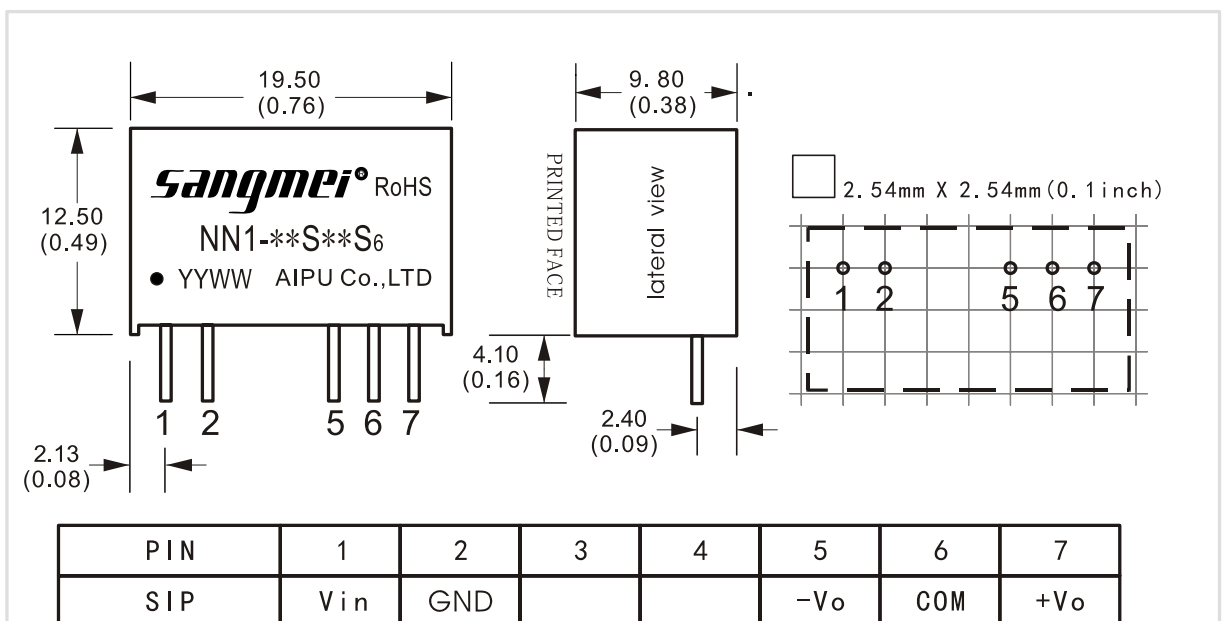
Packing	L x W x H : mm	Packing No.
A (Single route output)	19.50 x 12.50 x 9.80	100100DC
B (Dual Route Positive and Negative Output)	19.50 x 12.50 x 9.80	200100DC

Mechanical Data



Note: All unit is mm, all neighboring pin distance is 2.54mm, all pin diameter is 0.65mm

(Single route output) SIP



Note: All unit is mm, all neighboring pin distance is 2.54mm, all pin diameter is 0.65mm

(Dual route Positive and negative output) SIP

