

**典型性能 Typical performance**

- ◆ 窄范围输入 Narrow Input voltage range
- ◆ 转换效率 Typical Efficiency (典型 86%)
- ◆ 开关频率 Switching frequency: 100 KHz
- ◆ 过流、短路保护, 自动恢复  
Over current / Short circuit protection, Self-furbish
- ◆ 输入与输出高隔离 Input-output isolate
- ◆ PCB 板上直插式安装 Board in-line type installs
- ◆ 金属外壳屏蔽 Metal case


**技术参数**

测试条件: 如无特殊指定, 所有参数测试均在标称输入电压、纯阻性额定负载及 25℃ 室温环境下测得。

**Technology parameter**

Test condition: General Nominal Line, Tc=25 °C, Rated resistant load unless other wise specified

输入特性 Input	Min(Vac)	Nom(Vac)	Max(Vac)	Notes
输入电压 Vac Input voltage	165(200Vdc)	220	265(380Vdc)	N
输入频率范围 Frequency range Hz	47		440	
遥控端 Remote ON/OFF	无遥控端			

**输出特性 Output**

输出电压精度 Voltage accuracy			Vo1	±1.0%
源效应 Line regulation	标称负载, 全电压范围 Nominal load, full voltage range		Vo1	±0.2%
负载效应 Load regulation	20% ~ 100% 额定负载		Vo1	±0.5%
纹波及噪声 Ripple and noise	20MHz BM 满载 Full load			
				≤120 mVp-p
启动延迟时间 Turn-on delay time	典型值			1S

**一般特性 General**

转换效率 Efficiency	标称电压输入, 满载		86% 典型
开关频率 Switching frequency		100KHz 典型	
工作温度 Operating temperature		自由空气对流 Free air	-25°C ~ +65°C
储存温度 Storage temperature			-40°C ~ +105°C
最大壳温 Max case temperature			+90°C
相对湿度 Relative humidity			10%~90%
外壳材料 case material			金属壳 Metal case
隔离电压 Isolation Voltage	输入与输出 Input-output 2.5KV ≤ 1.5mA/1min; 输入与外壳 Input- case 输入与 FG Input-FG 1.5KV ≤ 1.5mA/1min		
最小无故障间隔时间(MTBF)	2X10 <sup>5</sup> Hrs		

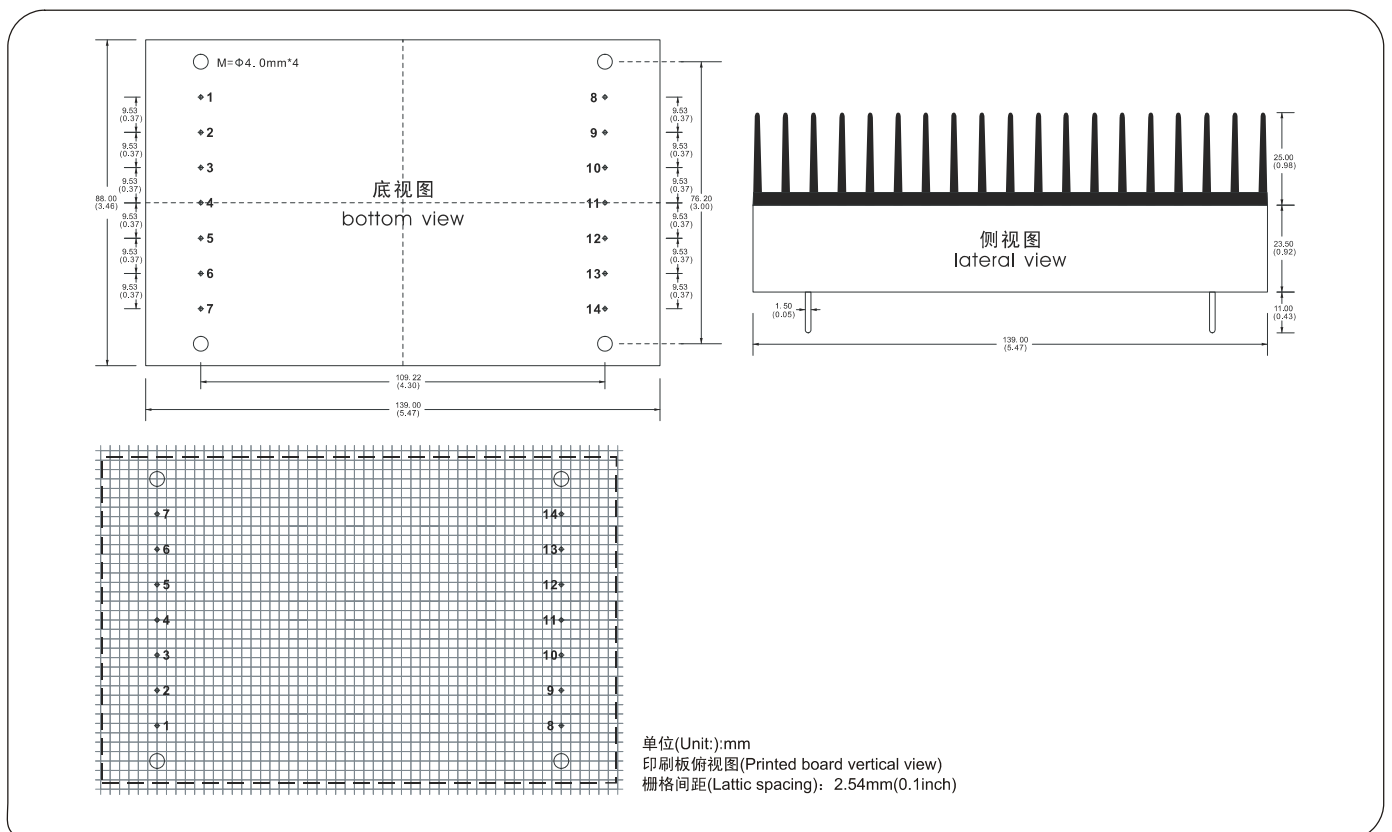
## 典型产品列表 Typical product tabulates

型号 TYPE	输入电压范围 Input voltage range	输出电压/电流 (Output voltage / current)					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
NA200-220S12M1	165~265Vac 200~380Vdc	12V	16600mA				
NA200-220S15M1		15V	13300mA				
NA200-220S24M1		24V	8330mA				
NA200-220S48M1		48V	4160mA				

注：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 other than a list of products, please contact the Company's sales department.

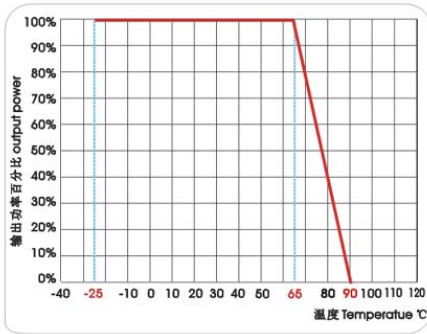
## 封装尺寸图 Mechanical Data



## 封装尺寸 Mechanical Data

封装代号	L x W x H	
M1	139.00 × 88.00 × 23.50mm	5.47 × 3.46 × 0.93inch

### 温度曲线图 Temperature graph



### 管脚定义 Pin Assignments

单路(S)	1	2	3	4	5	6	7
	AC(N)	NP	AC(L)	NP	NP	NP	FG
	8	9	10	11	12	13	14
	+Vo	+Vo	-Vo	-Vo	+S	TRIM	-S

注意：电源模块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。

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