

典型性能 Typical performance

- ◆ 宽范围输入 Wide Input voltage range
- ◆ 转换效率 Typical Efficiency (典型 78%)
- ◆ 开关频率 Switching frequency: 60 KHz
- ◆ 过流、短路保护, 自动恢复
Overcurrent / Short circuit protection, Self-recovery
- ◆ 输入与输出高隔离 Input-output isolate
- ◆ PCB 板上直插式安装 Board in-line type installs
- ◆ 铝外壳 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	165(200Vdc)	220	265(380Vdc)	N
Input voltage	85(120Vdc)	220	265(380Vdc)	W
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; Vo2	±1.0%, ±3.0%
源效应 Line regulation	标称负载, 全电压范围	Vo1; Vo2	±0.2%; ±0.5%
负载效应 Load regulation	20% ~ 100% 额定负载	Vo1; Vo2	±0.5%; ±3.0%
纹波及噪声 Ripple and noise	20MHz BM 满载		
	Vo ≤ 5.0V, ≤ 80mVp-p	Vo ≥ 48V, ≤ 180mVp-p	Other ≤ 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	Vo ≤ 5.0V, 75% 典型	Vo > 5.0V, 78% 典型
开关频率 Switching frequency		60KHz 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			铝外壳 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 ⁵ Hrs

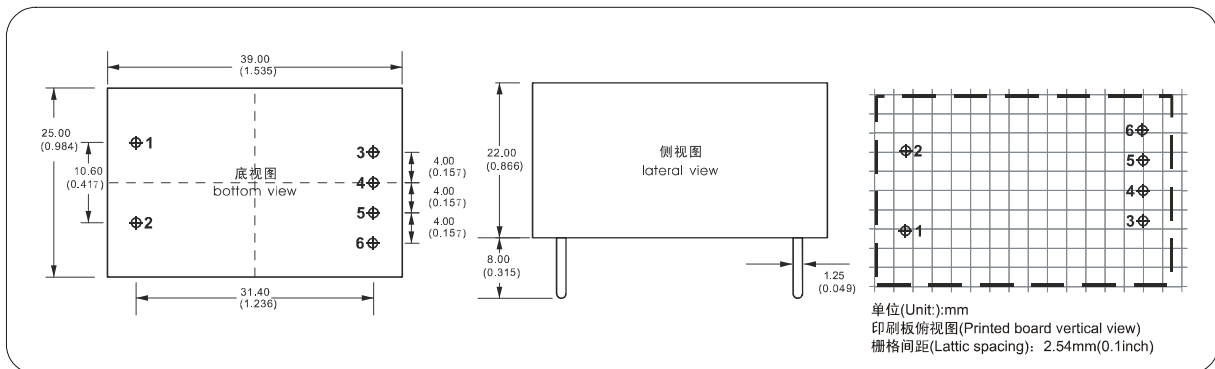
典型产品列表 Typical product tabulates

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
WA5-220S05D3	85~265VAC 120~380VDC	5V	1000mA				
WA5-220S09D3		9V	550mA				
WA5-220S12D3		12V	420mA				
WA5-220S24D3		24V	210mA				
WA5-220D05D3		+5V	500mA	-5V	500mA		
WA5-220D09D3		+9V	275mA	-9V	275mA		
WA5-220D12D3		+12V	210mA	-12V	210mA		
WA5-220D24D3		+24V	100 mA	-24V	100 mA		

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.

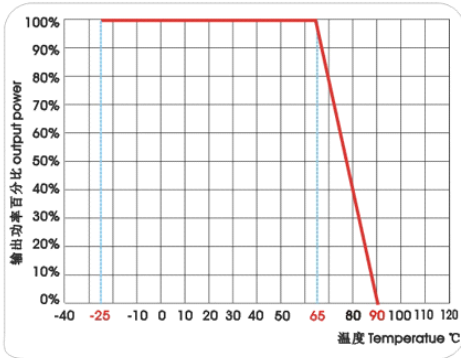
封装尺寸图 Mechanical Data



封装尺寸 Mechanical Data

封装代号	L x W x H	
D3	39.0 x 25.0 x 22.00 mm	1.54 x 0.98 x 0.87inch

温度曲线图 Temperature graph



管脚定义 Pin Assignments

单路(S)	1	2	3	4	5	6
	AC(N)	AC(L)	+Vout	NP	GND	NP
双路(D)	1	1	3	4	5	6
	AC(N)	AC(L)	+Vo1	COM	-Vo2	NP

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.