



## 特点

- \* 外形尺寸: 127.0 × 76.2 × 32.0 mm
- \* 小型化
- \* 输出短路保护
- \* 宽输入电压范围

## Features

- \* Size: 5.00 × 3.00 × 1.26 inch
- \* Small Industry Package
- \* Output Short Circuit Protection
- \* Wide Input Voltage Range

输入特性 (Input)		注释 (Notes and Conditions)
输入电压范围 (Input Voltage Range)	220Vac	85~265Vac
输入频率范围 (Input Frequency Range)	50Hz	47~63Hz
输入电流 (Input Current)	≤ 1.4Arms	120Vac
	≤ 0.8Arms	230Vac
输入保险管 (Input Fuse)	250Vac H 3.15A	UL/IEC127

输出特性 (Output)		注释 (Notes and Conditions)
输出电压精度 (Voltage Set-Point Accuracy)	± 1%Vo	Vinom and Ionom
源效应 (Line Regulation)	± 1%Vo	Vimin ~ Vimax, Ionom
负载效应 (Load Regulation)	± 1%Vo	10% ~ 100%Ionom, Vinom
输出过压保护 (Output Overvoltage Protection)	115%~145%Vo	锁死, 人工复位 (Shutdown, Manual Reset)
短路保护 (Short-Circuit Protection)	Continuous, Automatic Recovery	
瞬态响应 (Dynamic Response)		
过冲幅度 (Peak Deviation)	≤ ± 5%Vo	25%-50%-25% of Ionom
恢复时间 (Settling Time)	≤ 1ms	and 50%-75%-50% of Ionom
启动时间 (Starting Time)	≤ 1000ms	

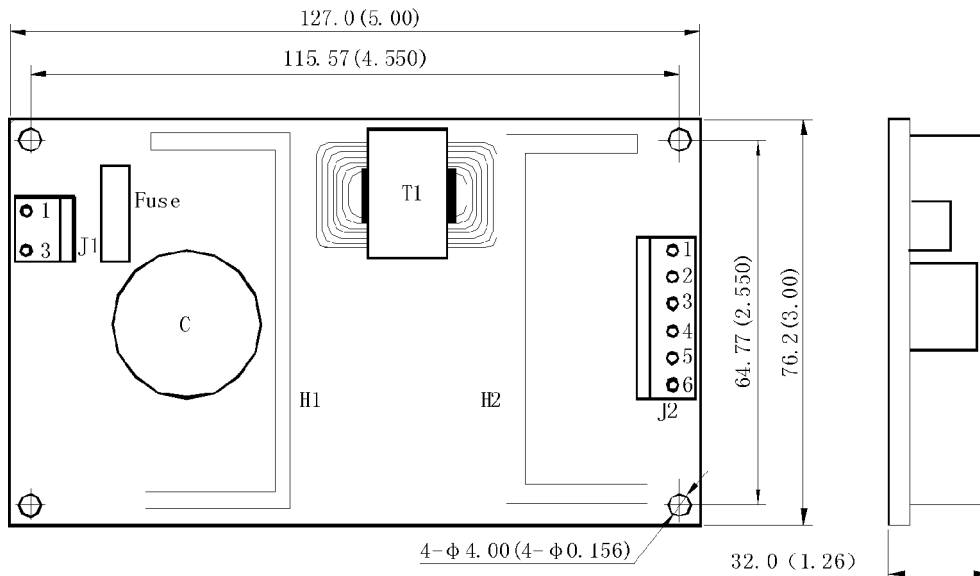
一般特性 (General)		注释 (Notes and Conditions)
温度系数 (Temperature Coefficient)	± 0.02%/°C	
温度特性 (Temperature Characteristic)	0°C ~ 50°C, 自然风冷 (Natural Convection Cooling)	最大输出功率 65W
	0°C ~ 50°C, 强制风冷 (Forced Air Cooling)	最大输出功率 75W
	50°C ~ 70°C, 自然风冷 (Natural Convection Cooling)	输出功率降至 32W
开关频率 (Switching Frequency)	50KHz	
平均故障间隔时间 (MTBF)	2 × 10 <sup>5</sup> h	
绝缘强度 (Isolation Voltage)		
输入与输出 (Input-Output)	2000Vac/10mA, 1min	
输入与外壳 (Input-Case)	1500Vac/10mA, 1min	
输出与外壳 (Output-Case)	500Vac/10mA, 1min	

## 型号列表 (Models)

产品型号 (Model Number)	标称输出电压 (Output Voltage) Vdc	标称负载 (Output Current) A	最大输出功率 (Max. Output Power) W	效率 (Efficiency) %	输出杂音电压峰峰值 (Ripple and Noise) mVp-p
PTA65-220S05	5.0	10	60	75	100
PTA65-220S12	12.0	5.4	75	78	120
PTA65-220S24	24.0	2.7	75	82	200

## 安装尺寸(Mechanical Drawing)

尺寸单位是 mm(inches); All Dimensions in mm (inches)

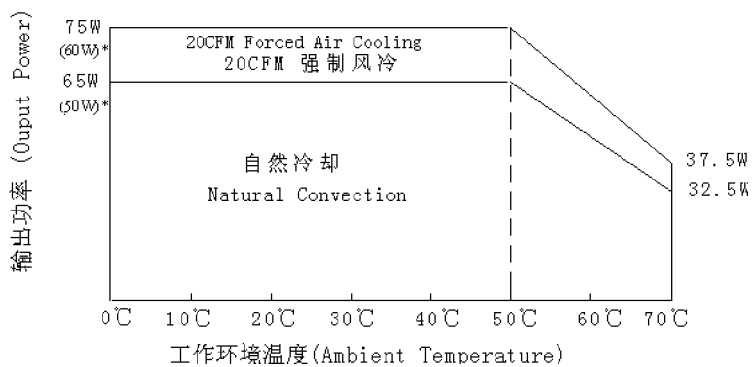


注: H 为散热器, C 为电容;  
 J1 为三针接插件, 抽掉第二针, 型号 Molex26-60-4030;  
 J2 为六针接插件, 型号 Molex26-60-4060.

未注公差按下表 (Tolerances Unless Otherwise Specified)	
mm	inches
.x ±0.5	.xx ±0.02
.xx ±0.20	.xxx ±0.008

接插件 (Inserter)	J1			J2					
	1	2	3	1	2	3	4	5	6
引脚 (Pin)	1	2	3	1	2	3	4	5	6
符号(symbol)	AC(L)	NP	AC(N)	+Vo	+Vo	+Vo	-Vo	-Vo	-Vo
定义 (Definition)	交流输入端入 (AC Input Connections Pin)			输出正端子 (Output Positive Connections Pin)			输出负端子 (Output Negative Connections Pin)		

## 温度降额曲线(Temperature Derating Curve)



注: 括号中功率为 5V 输出