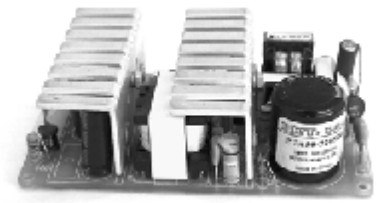
PTA 50 Series



特 点

* 外形尺寸: 108.0 × 63.5 × 33.0 mm
* 小型化
* 输出短路保护
* 宽输入电压范围

Features

* Size: 4.25 × 2.50 × 1.30 inch
* Small Indursy Package
* Output Short Cricuit 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	165~265Vac
输入频率范围(Input Frequency Range)	40~60Hz	
输入保险管(Input Fuse)	250Vac H 3A	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)	± 0.5%Vo	Vimin ~ Vimax, Ionom
负载效应(Load Regulation)	± 1%Vo	0% ~ 100%Ionom,Vinom
短路保护(Short-Circuit Protection)	Continuous,Automatic Recovery	
瞬态响应(Dynamic Response)		
过冲幅度(Peak Deviation)	≤ ± 5%Vo	
恢复时间(Settling Time)	≤ 1000 μ s	
启动时间(Starting Time)	≤ 1000ms	

一般特性(General)

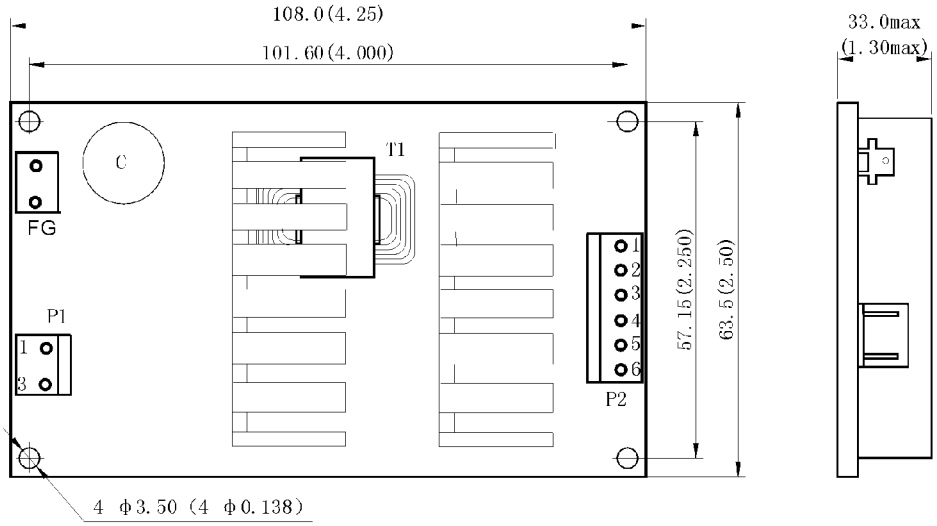
		注释(Notes and Conditions)
温度系数(Temperature Coefficient)	± 0.03%/℃	
工作温度(Operating Temperature)	0℃ ~ 70℃	见降额曲线(Temperature Derating Curve)
冷却方式(Cooling)	自然冷却(Natural Convection)	
开关频率(Switching Frequency)	65KHz	
平均故障间隔时间(MTBF)	2 × 10^5h	
绝缘强度(Isolation Voltage)		
输入与输出(Input-Output)	3000Vac/10mA , 1min	
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)	标称输入电压 (Input Voltage) Vdc	标称输出电压 (Output Voltage) Vdc	标称负载 (Output Current) A	额定输出功率 (Output Power) W	效率 (Efficiency) %	输出杂音电压峰峰值 (Ripple and Noise) mVp-p
PTA50-220S24	220	24.0	2.0	48	81	200
PTA50-220S48	220	48.0	1.0	48	83	240

安装尺寸(Mechanical Drawing)

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



注: 1.元器件板上最大高度 29.2mm
2.FG： PC250 接地端子，P1 为 CH3.96-3P 端子，抽掉第二针，
P2 为 CH3.96-6P 端子，T1 为变压器。

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					
引脚（Pin）	1	2	3	1	2	3	4	5	6
符号(symbol)	AC(N)	NP	AC(L)	+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)