

Feature特征

- Universal AC input/Full range
国际通用全范围交流输入
- Protections: Short circuit/Over load
短路保护, 过载保护
- Cooling by free air convection自然风冷
- High efficiency, long life and high reliability
高效率, 长寿命和高可靠性
- Using 105°C long life electrolytic capacitors
使用105度长寿命电容器
- 100% full load burn-in test 100%满载老化
- Installed with EMI filter, minimum wave
内装EMI滤波器, 极小纹波

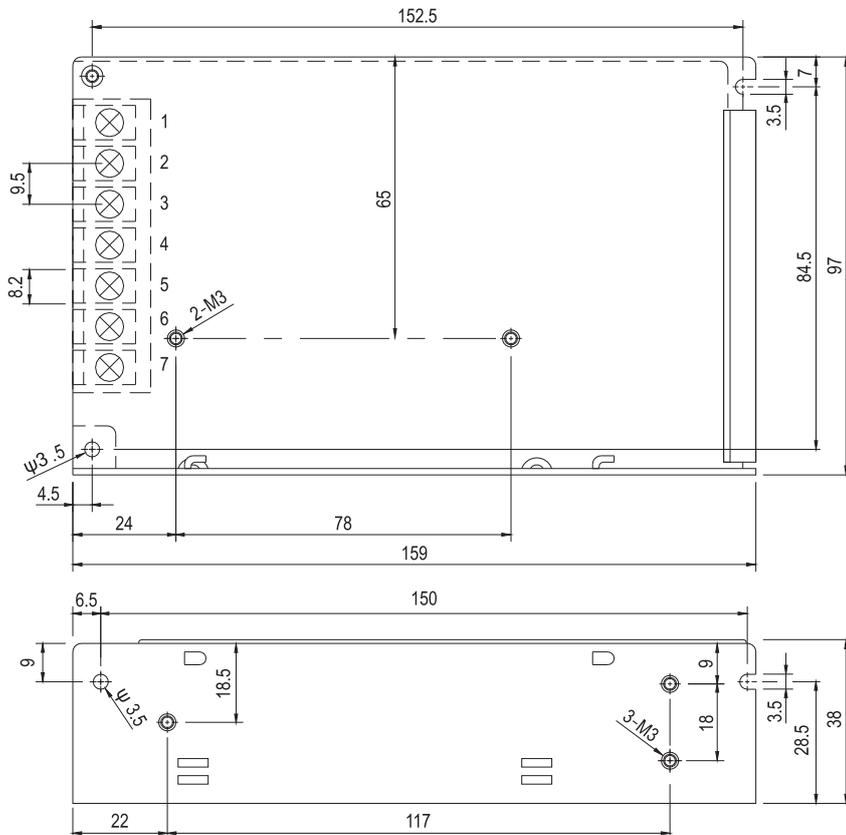
CE RoHS

Specification性能	Model型号			T-50A			T-50B			T-50C			T-50D		
	Ch1	Ch2	CH3	Ch1	Ch2	CH3	Ch1	Ch2	CH3	Ch1	Ch2	CH3	Ch1	Ch2	CH3
Dc voltage 直流电压	5V	12V	-5V	5V	12V	-12V	5V	15V	-15V	5V	12V	24V			
Rated current 额定电流	7A	1A	1A	5A	1A	1A	4A	1A	1A	3A	1A	1A			
Current range 电流范围	0-7A	0-1A	0-1A	0-3A	0-1A	0-1A	0-4A	0-1A	0-1A	0-3A	0-1A	0-1A			
Rated power 额定功率	52W			49W			50W			51W					
Ripple & noise 纹波和噪音	70mVpp	100mVpp	100mVpp	70mVpp	100mVpp	100mVpp	70mVpp	100mVpp	100mVpp	70mVpp	100mVpp	100mVpp			
Voltage ADJ. range 电压调整范围	+10%-5%			+10%-5%			+10%-5%			+10%-5%					
Voltage tolerance 电压精度	±2.0%	±5.0%	±5.0%	±2.0%	±5.0%	±5.0%	±2.0%	±5.0%	±5.0%	±2.0%	±5.0%	±5.0%			
Line regulation 线性调整率	±0.5%	±1.5%	±1.5%	±0.5%	±1.5%	±1.5%	±0.5%	±1.5%	±1.5%	±0.5%	±1.5%	±1.5%			
Load regulation 负载调整率	±1%	±3%	±3%	±1%	±3%	±3%	±1%	±3%	±3%	±1%	±3%	±3%			
Setup, rise, hold up time 启动, 上升, 保持时间	500ms, 50ms, 60ms/230VAC														
Input voltage range 输入电压范围	85-132VAC/170-264VAC, 47-63HZ, Selected by switch由开关选择														
Efficiency 效率	70%			71%			71%			72%					
Input current 输入电流	1.6A/115V 0.8A/230V														
Inrush current 浪涌电流	Cold start冷启动 : 36A/230V														
Leakage current 漏电流	< 1mA / 240VAC														
Overload protection 过载保护	105%-150%Rated output power; Type: Hiccup; Reset: auto recovery 105%-150%额定输出的功率; 模式: 打嗝模式; 复位: 自动恢复														
Working temp humidity 工作温度, 湿度	-25~+70°C, 20 ~ 90% RH														
Storage temp humidity 储存温度, 湿度	-40~+85°C, 10 ~ 95% RH														
Temp coefficient 温度系数	±0.03%/°C (0 ~ 50°C) (+5V)														
Vibration 耐振动	10 ~ 500Hz, 2G 10min/cycle周期, X、Y、Z Each axes轴各60min														
Withstand voltage 耐压性	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC														
Isolation resistance 隔离电阻	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C / 70% RH														
Safety standards 安全标准	Meet UI1012 requirement (Not apply for the mark) 满足UL1012要求 (不申请标记)														
EMC standards EMC标准	Meet FCC part 15J condition class B 满足FCC部分15J条件, 等级B														
Overall dimension 外形尺寸	159x97x38mm														
Weight 重量	0.54Kg														

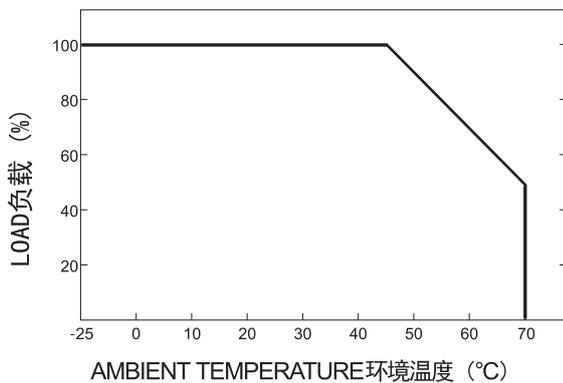
Note:1. Ripple & noise are measured at 20MHZ of bandwidth by using 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor;
纹波和噪声测量方法: 20HZ带宽下测量, A12双绞线, 终端并0.1uF&47uF的电容器;
Note:2. Tolerance: includes set up tolerance, line regulation and load regulation;
精度: 包括设定误差, 线性调整率, 负载调整率;
Note:3. Line regulation is measured from low line to high line at rated load;
线性调整率测量方法: 在额定负载下, 从低电压到高电压测试;
Note:4. Load regulation is measured from 0% to 100% rated load.
负载调整率测量方法: 负载从0%到100%

■ Mechanical Specification 结构尺寸

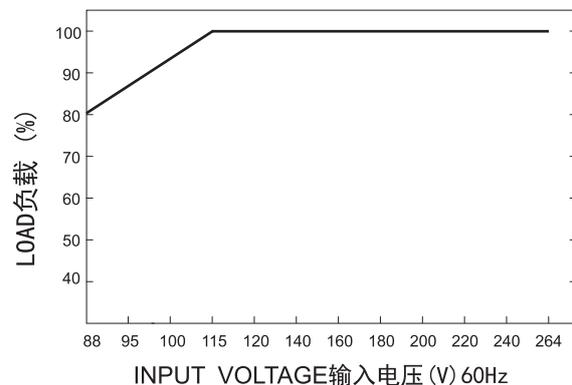
Unit 单位: mm



■ Derating Curve 降额曲线



■ Output Derating VS Input Voltage 静态特性曲线



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