

J100-150AW SERVES

- 封装尺寸Size dimensional: 127.0x88.9x17.2mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency : 80%
- 开关频率Switching frequency: 100KHz±10KHz
- 过流、短路保护,自恢复Over current、 short circuit protection
- 输入与输出高隔离Input-output isolate
- PCB板上直插式安装Board in-line type installs
- 温度适应范围宽Wide temperature range
- 超薄封装ultra-thin

外形图Outside drawing



CE RoHS

输入特性Input

输入电压范围 Input voltage range	标称Nom(V)	最小Min(V)	最大Max(V)	输入比Input
	220AC(310Vdc)	85AC(120Vdc)	265AC(380Vdc)	3:1
220AC(310Vdc)	165AC(200Vdc)	265AC(380Vdc)	1.65:1	
输入频率范围	50Hz	47Hz	440Hz	47-440Hz
遥控端 ON/OFF	无遥控端No remote			

输出特性Output

输出电压精度Output voltage accuracy	标称电压Nominal output voltage	Vo1:±1.0%;Vo2:±2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1:±0.2%;Vo2:±0.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2:±3.0%
输出纹波及噪声 Output Ripple and noise	20MHz Bm满载Full load	Vo≤5V:≤80mVp-p
		Vo≥48V:≤180mVp-p; 其它电压≤120mVp-p
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	ΔVo1/Δt:±4.0/500us
输出电压调节Output voltage adjust		±10%调节
启动延迟时间Start delay time	典型值Typical	≤500mS
输出短路保护Short circuit protection	长期短路Continued short circuit protection	自恢复

一般特性General

转换效率Efficiency	Vo≤5.0V:80%典型Typical	Vo>5.0V:82%典型
开关频率Switching frequency	100KHz典型Typical	110KHz最大Max
工作温度Operating temperature	自由空气对流Free air convection	-25℃~+75℃工业级
		-40℃~+85℃军级
焊接温度Welding temperature	手工焊接Hand welding	360±10℃;时间:5~10S
	波峰焊接Wave welding	260±5℃;时间:3~5S
储存温度Storage temperature		-40℃~+105℃
相对湿度Relative humidity		10%~90%
外壳材料Case material		黑色金属壳Black metal case:AC
隔离电压Isolation voltage	输入与输出Input and output	2.5KVac≤2mA/1分钟Minute
	输入与外壳Input and case	AC:1.5KVac≤1mA/1分钟
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

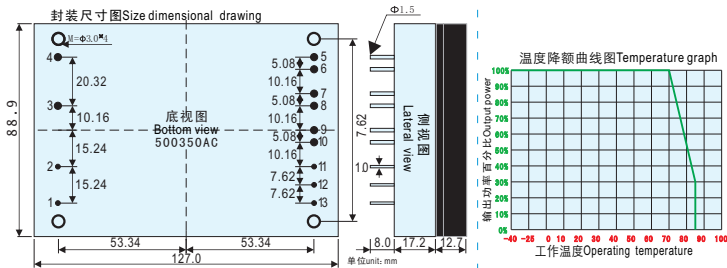
J100-150AW SERVES
典型应用Type

输入电压范围 Input voltage range	标称输出电压/输出电流Nom output voltage/current					
	单路Single		型号Type	双路Dual		型号Type
	V	A		V	A	
165-265Vac 200-380Vdc	3.3V	20.0A	J100AW220S3V3E1	±3.3V	±10.0A	J100AW220D3V3E1
	5V	20.0A	J100AW220S05E1	±5V	±10.0A	J100AW220D05E1
	9V	11.1A	J100AW220S09E1	±9V	±5.55A	J100AW220D09E1
	12V	8.33A	J100AW220S12E1	±12V	±4.16A	J100AW220D12E1
	15V	6.66A	J100AW220S15E1	±15V	±3.33A	J100AW220D15E1
	18V	5.55A	J100AW220S18E1	±18V	±2.77A	J100AW220D18E1
	24V	4.16A	J100AW220S24E1	±24V	±2.08A	J100AW220D24E1
	48V	2.08A	J100AW220S48E1	+5V/+12V	10.0A/4.16A	J100AW220D05-12E1
85-265Vac 120-380Vdc	3.3V	30.0A	J150AW220S3V3E1	±3.3V	±15A	J150AW220D3V3E1
	5V	30.0A	J150AW220S05E1	±5V	±15A	J150AW220D05E1
	9V	16.6A	J150AW220S09E1	±9V	±8.33A	J150AW220D09E1
	12V	12.5A	J150AW220S12E1	±12V	±6.25A	J150AW220D12E1
	15V	10.0A	J150AW220S15E1	±15V	±5.0A	J150AW220D15E1
	18V	8.33A	J150AW220S18E1	±18V	±4.16A	J150AW220D18E1
	24V	6.25A	J150AW220S24E1	±24V	±3.125A	J150AW220D24E1
	48V	3.125A	J150AW220S48E1	+5V/+12V	15.0A/6.25A	J150AW220D05-12E1

注1、因篇幅有限，以上只是部分产品列表，若需列表以外产品，请与本公司销售部或办事处联系。

2、当工作温度为+70℃时，应按温度降额曲线图使用。

3、测试条件: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。



管脚说明Pin	1	2	3	4	5:6	7:8	9:10	11	12	13
单路Single	NC	FG	AC(N)	AC(L)	+Vout	GND	NC	+S	TRIM	-S
双路Dual	NC	FG	AC(N)	AC(L)	+Vout1	COM	-Vout2	+S	TRIM	-S
双路隔离DI	NC	FG	AC(N)	AC(L)	+Vout1	GND1/Vo2	GND2	+S	TRIM	-S