

J3AW SERIES

- 封装尺寸Size : 50.8x25.4x12.2mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency : 80%
- 开关频率Switching frequency : 60KHz±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Wide temperature range
- 超薄封装ultra-thin &长寿命longevity (可选)

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	Vo±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		无调节端
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 shortcircuit 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	60KHz典型Typical	70KHz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	1.5KVac≤1mA/1分钟Minute
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

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典型应用Type

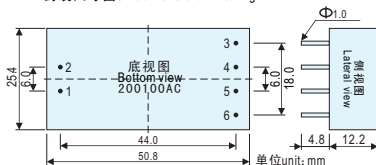
输入电压范围 Input voltage range	标称输出电压/输出电流Nom output voltage/current					
	单路Single		型号Type	双路Dual		型号Type
	V	A		V	A	
165-265Vac 200-380Vdc 85-265Vac 120-380Vdc	3.3V	600mA	J3AW220S3V3B1	±3.3V	±300mA	J3AW220D3V3B1
	5V	600mA	J3AW220S05B1	±5V	±300mA	J3AW220D05B1
	9V	330mA	J3AW220S09B1	±9V	±165mA	J3AW220D09B1
	12V	250mA	J3AW220S12B1	±12V	±125mA	J3AW220D12B1
	15V	200mA	J3AW220S15B1	±15V	±100mA	J3AW220D15B1
	18V	170mA	J3AW220S18B1	±18V	±80mA	J3AW220D18B1
	24V	125mA	J3AW220S24B1	±24V	±60mA	J3AW220D24B1
	48V	60mA	J3AW220S48B1	+5V/+12V	360/100mA	J3AW220D05-12B1

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。

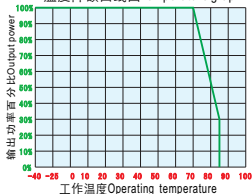
2、当工作温度为+70℃时，应按温度降额曲线图使用。

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。

封装尺寸图Size dimensional drawing



温度降额曲线图Temperature graph



管脚说明Pin	1	2	3	4	5	6
单路Single	AC(N)	AC(L)	+Vout	NP	NP	GND
双路Dual	AC(N)	AC(L)	+Vout1	COM	COM	-Vout2
双路隔离DI	AC(N)	AC(L)	+Vout1	GND1	+Vout2	GND2