

J3-20AW SERVES

- 封装尺寸Size dimensional: 76.0x31.0x24.0/28.0mm
- 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
- 导轨、接线端子式安装Guide、terminal the installation
- 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%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1: ±0.2%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1: ±0.5%
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 short circuit protection	自恢复

一般特性General

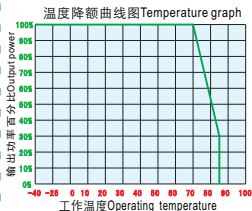
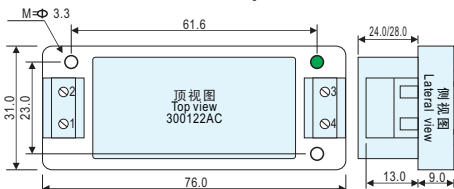
转换效率Efficiency	Vo ≤ 5.0V: 80%典型Typical	Vo > 5.0V: 82%典型
开关频率Switching frequency	60KHz典型Typical	70KHz最大Max
工作温度Operating temperature	自由空气对流Free air convection	-25℃ ~ +75℃ 工业级
		-40℃ ~ +85℃ 军级
焊接温度Welding temperature	手工焊接Hand welding	360 ± 10℃; 时间: 5~10S
	波峰焊接Wave welding	260 ± 5℃; 时间: 3~5S
储存温度Storage temperature		-40℃ ~ +105℃
相对湿度Relative humidity		10%~90%
外壳材料Case material	UL94V-0黑色塑壳Black plastic case: AP	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

J3-20AW SERIES
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	单路Single		型号Type
	V	A		V	A	
165-265Vac 200-380Vdc	3.3V	600mA	J3AW220S3V3C10	3.3V	1.0A	J5AW220S3V3C10
	5V	600mA	J3AW220S05C10	5V	1.0mA	J5AW220S05C10
	9V	330mA	J3AW220S09C10	9V	550mA	J5AW220S09C10
	12V	250mA	J3AW220S12C10	12V	416mA	J5AW220S12C10
	15V	200mA	J3AW220S15C10	15V	330mA	J5AW220S15C10
	18V	170mA	J3AW220S18C10	18V	277mA	J5AW220S18C10
	24V	125mA	J3AW220S24C10	24V	208mA	J5AW220S24C10
	48V	60mA	J3AW220S48C10	48V	104mA	J5AW220S48C10
85-265Vac 120-380Vdc	3.3V	2.0A	J10AW220S3V3C10	3.3V	4.0A	J20AW220S3V3C10
	5V	2.0A	J10AW220S05C10	5V	4.0A	J20AW220S05C10
	9V	1.11A	J10AW220S09C10	9V	2.22A	J20AW220S09C10
	12V	833mA	J10AW220S12C10	12V	2.22A	J20AW220S12C10
	15V	666mA	J10AW220S15C10	15V	1.66A	J20AW220S15C10
	18V	555mA	J10AW220S18C10	18V	1.11A	J20AW220S18C10
	24V	416mA	J10AW220S24C10	24V	833mA	J20AW220S24C10
	48V	208mA	J10AW220S48C10	48V	416mA	J20AW220S48C10

- 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。
 4、导轨电源模块尾缀带DG。

封装尺寸图Size dimensional drawing, 单位unit: mm



管脚说明Pin	1	2	3	4
单路Single	AC(L)	AC(N)	GND	+Vout