

J5-10AW SERVES

- 封装尺寸Size dimensional: 55.0x45.0x20.5mm
- 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
- 温度适应范围宽Wide temperature range

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,V03:±2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1:±0.2%;Vo2,V03:±0.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2,V03:±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	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	AP: 5KVac; AC: 1.5KVac ≤ 1mA/1分钟
最小无故障间隔时间 (MTBF)		2X10 ⁵ Hrs

J5-10AW SERIES
典型应用Type

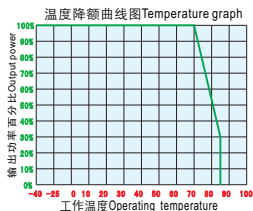
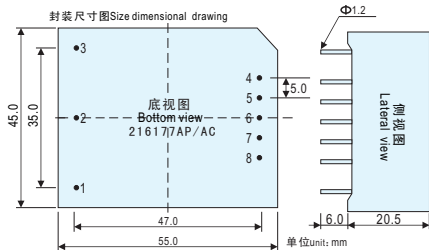
标称输出电压/输出电流Nom output voltage/current

输入电压范围 Input voltage range	单路Single		型号Type	双路Dual		型号Type
	V	A		V	A	
	3.3V	1.0A	J5AW220S3V3B6	±3.3V	±500mA	J5AW220D3V3B6
	5V	1.0A	J5AW220S05B6	±5V	±500mA	J5AW220D05B6
	9V	550mA	J5AW220S09B6	±9V	±277mA	J5AW220D09B6
	12V	416mA	J5AW220S12B6	±12V	±208mA	J5AW220D12B6
	15V	333mA	J5AW220S15B6	±15V	±166mA	J5AW220D15B6
	18V	277mA	J5AW220S18B6	±18V	±138mA	J5AW220D18B6
	24V	208mA	J5AW220S24B6	±24V	±104mA	J5AW220D24B6
	48V	104mA	J5AW220S48B6	+5V/+12V	500/200mA	J5AW220D05-12B6
	5V	2.0A	J10AW220S05B6	±5V	±1.0A	J10AW220D05B6
	12V	833mA	J10AW220S12B6	±12V	±416mA	J10AW220D12B6
	15V	666mA	J10AW220S15B6	±15V	±333mA	J10AW220D15B6
	24V	416mA	J10AW220S24B6	±24V	±208mA	J10AW220D24B6
	三路Three					型号Type
	Vout1		Vout2		Vout3	
	V	A	V	A	V	
	+5V	500mA	+12V	100mA	-12V	
	+5V	1.0A	+12V	208mA	-12V	

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
单路Single	FG	AC(N)	AC(L)	+Vout	NP	NP	NP	GND
双路Dual	FG	AC(N)	AC(L)	+Vout1	NP	COM	NP	-Vout2
双路隔离DI	FG	AC(N)	AC(L)	+Vout2	GND2	NP	+Vout1	GND1
三路隔离TI	FG	AC(N)	AC(L)	+Vout2	COM	-Vout3	+Vout1	GND1