

J50-75AW SERVES

- ◎ 封装尺寸Size dimensional: 105.0x98.0x42.0mm
- ◎ 宽范围输入Wide input voltage range
- ◎ 转换效率典型Typical efficiency : 80%
- ◎ 开关频率Switching frequency: 100KHz $\pm$ 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
- ◎ 输入和输出带引线Input and output With line
- ◎ 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: $\pm$ 1.0%; Vo2: $\pm$ 2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1: $\pm$ 0.2%; Vo2: $\pm$ 0.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1: $\pm$ 0.5%; Vo2: $\pm$ 3.0%
输出纹波及噪声 Output Ripple and noise	20MHz Bm满载Full load	Vo $\leq$ 5V: $\leq$ 80mVp-p
		Vo $\geq$ 48V: $\leq$ 180mVp-p;
		其它电压 $\leq$ 120mVp-p
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	Δ Vo1/ Δ t: $\pm$ 4.0/500us%
输出电压调节Output voltage adjust		$\pm$ 10%调节
启动延迟时间Start delay time	典型值Typical	$\leq$ 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 $\leq$ 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 $^{\circ}$ C ~ +75 $^{\circ}$ C 工业级
		-40 $^{\circ}$ C ~ +85 $^{\circ}$ C 军工级
焊接温度Welding temperature	手工焊接Hand welding	360 $\pm$ 10 $^{\circ}$ C; 时间: 5~10S
	波峰焊接Wave welding	260 $\pm$ 5 $^{\circ}$ C; 时间: 3~5S
储存温度Storage temperature		-40 $^{\circ}$ C ~ +105 $^{\circ}$ C
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 $\leq$ 2mA/1分钟Minute
	输入与外壳Input and case	AC: 1.5KVac $\leq$ 1mA/1分钟
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

J50-75AW SERIES
典型应用Type

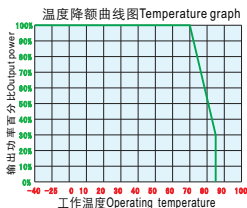
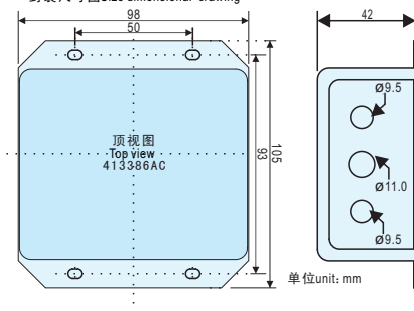
输入电压范围 Input voltage range	标称输出电压/输出电流Nom output voltage/current					
	单路Single		型号Type	双路Dual		型号Type
	V	A		V	A	
165-265Vac 200-380Vdc	3.3V	10.0A	J50AW220S3V3D4	±3.3V	±5.0A	J50AW220D3V3D4
	5V	10.0A	J50AW220S05D4	±5V	±5.0A	J50AW220D05D4
	9V	5.55A	J50AW220S09D4	±9V	±2.77A	J50AW220D09D4
	12V	4.16A	J50AW220S12D4	±12V	±2.08A	J50AW220D12D4
	15V	3.33A	J50AW220S15D4	±15V	±1.66A	J50AW220D15D4
	18V	2.77A	J50AW220S18D4	±18V	±1.38A	J50AW220D18D4
	24V	2.08A	J50AW220S24D4	±24V	±1.04A	J50AW220D24D4
	48V	1.04A	J50AW220S48D4	+5V/+12V	5.0/2.08A	J50AW220D05-12D4
85-265Vac 120-380Vdc	3.3V	15.0A	J75AW220S3V3D4	±3.3V	±7.5A	J75AW220D3V3D4
	5V	15.0A	J75AW220S05D4	±5V	±7.5A	J75AW220D05D4
	9V	8.33A	J75AW220S09D4	±9V	±4.16A	J75AW220D09D4
	12V	6.25A	J75AW220S12D4	±12V	±3.125A	J75AW220D12D4
	15V	5.0A	J75AW220S15D4	±15V	±2.5A	J75AW220D15D4
	18V	4.16A	J75AW220S18D4	±18V	±2.08A	J75AW220D18D4
	24V	3.125A	J75AW220S24D4	±24V	±1.56A	J75AW220D24D4
	48V	1.56A	J75AW220S48D4	+5V/+12V	7.5A/3.125A	J75AW220D05-12D4

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



接线说明Pin	输入棕色线	输入蓝色线	输入棕色线	输入蓝色线
单路或双路 S O R D	AC (L)	AC (N)	+Vout	-Vout