

J30-40AW SERVES

- 封装尺寸Size dimensional: 98.0x52.0x22.0mm
- 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±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
- 输入和输出带接线端子Input and output With terminal
- 温度适应范围Wide temperature range
- 六面金属屏蔽Six sides metal shielding

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

J30-40AW 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	6.0A	J30AW220S3V3C9	±3.3V	±3.0A	J30AW220D3V3C9
	5V	6.0A	J30AW220S05C9	±5V	±3.0A	J30AW220D05C9
	9V	3.33A	J30AW220S09C9	±9V	±1.66A	J30AW220D09C9
	12V	2.5A	J30AW220S12C9	±12V	±1.25A	J30AW220D12C9
	15V	2.0A	J30AW220S15C9	±15V	±1.0A	J30AW220D15C9
	18V	1.66A	J30AW220S18C9	±18V	±833mA	J30AW220D18C9
	24V	1.25A	J30AW220S24C9	±24V	±625mA	J30AW220D24C9
	48V	625mA	J30AW220S48C9	+5V/+12V	3.0A/1.25A	J30AW220D05-12C9
85-265Vac 120-380Vdc	3.3V	8.0A	J40AW220S3V3C9	±3.3V	±4.0A	J40AW220D3V3C9
	5V	8.0A	J40AW220S05C9	±5V	±4.0A	J40AW220D05C9
	9V	4.44A	J40AW220S09C9	±9V	±2.22A	J40AW220D09C9
	12V	3.33A	J40AW220S12C9	±12V	±1.66A	J40AW220D12C9
	15V	2.66A	J40AW220S15C9	±15V	±1.33A	J40AW220D15C9
	18V	2.22A	J40AW220S18C9	±18V	±1.11A	J40AW220D18C9
	24V	1.66A	J40AW220S24C9	±24V	±833mA	J40AW220D24C9
	48V	833mA	J40AW220S48C9	+5V/+12V	4.0A/1.66A	J40AW220D05-12C9

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

