

J20ADW40 SERVES

- 封装尺寸Size dimensional: 76.2x76.2x27.0mm
- 超宽范围交流或直流输入Surpass wide ac or dc input voltage range
- 转换效率典型Typical efficiency :80%
- 开关频率Switching frequency:100KHz±30KHz
- 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
- 交流或直流输入电压自适应Adaptive input voltage at ac or dc

外形图Outside drawing



CE RoHS

输入特性Input

输入电压范围 Input voltage range	输入范围input voltage range			输入范围input voltage range		
	标称Nom(V)	最小Min(V)	最大Max(V)	标称Nom(V)	最小Min(V)	最大Max(V)
	220Vac(HAW)	85Vac	265Vac	220Vac(HAN)	165Vac	265Vac
300Vdc(HDW)	120Vdc	380Vdc	300Vdc(HDW)	200Vdc	380Vdc	
	12,24,48,96	12Vdc	380Vdc			
遥控端Remote 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 ≤ 100mVp-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	100KHz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℃ 军工级
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
	输入与输出Input and output	2.5KVac ≤ 2mA/1分钟Minute
隔离电压Isolation voltage	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 ⁴ Hrs

