

J200-300DW SERVES

- 封装尺寸Size dimensional: 116.84x61.0x12.7mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :86%, ☆MAX90%☆
- 开关频率Switching frequency:300KHz±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	2:1输入范围input voltage range			4:1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)
	12V	9V	18V			
	24V	18V	36V			
	48V	36V	72V			
	96/110V	72V	144V			
遥控端Remote ON/OFF	高电平(5-48V)或悬空工作High level or vacant			低电平(<0.3V)或接地地断Low level or ground		

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:±1.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2:±4.0%
输出纹波及噪声Output Ripple and noise	20MHz Bm满载Full load	Vo≤5V:≤100mVp-p
		Vo≥48V:≤300mVp-p ■ Other:≤200mVp-p
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	△Vo1/△t:±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	≤200ms
输出短路保护Short circuit protection	过流保护Over-current protection	自恢复Auto recovery

一般特性General

转换效率Efficiency	Vo≤5.0V:88%典型Typical	Vo>5.0V:85%典型Typical
开关频率Switching frequency	300KHz典型Typical	330KHz最大Max
工作温度Operating temperature	自由空气对流Free air convection	-25℃~+75℃工业级Industrial level
		-40℃~+85℃军级Military I level
焊接温度Welding temperature	手工焊接Hand welding	360±10℃;时间Time:5~10S
	波峰焊接Wave welding	260±5℃;时间Time:3~5S
储存温度Storage temperature		-40℃~+105℃
相对湿度Relative humidity		10%~90%
外壳材料Case material	铝基板黑色塑壳Black plastic case:DP	
隔离电压Isolation voltage	输入与输出Input and output	1000Vdc≤0.5mA/1分钟Minute
	输入与外壳Input and case	1000Vdc≤0.5mA/1分钟Minute
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

J200-300DW 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	
12V(9-18V) 24V(18-36V) 48V(36-72V) 96/110V(72-144V)	3.3V	40.0A	J200DW□S3V3D3	±3V3	±20.0A	J200DW□D3V3D3
	5V	40.0A	J200DW□S05D3	±5V	±20.0A	J200DW□D05D3
	12V	16.6A	J200DW□S12D3	±12V	±8.33A	J200DW□D12D3
	15V	13.3A	J200DW□S15D3	±15V	±6.66A	J200DW□D15D3
	24V	8.33A	J200DW□S24D3	±24V	±4.16A	J200DW□D24D3
	3.3V	60.0A	J300DW□S05D3	±3V3	±30.0A	J300DW□D3V3D3
	5V	60.0A	J300DW□S05D3	±5V	±30.0A	J300DW□D05D3
	12V	25.0A	J300DW□S12D3	±12V	±12.5A	J300DW□D12D3
	15V	20.0A	J300DW□S15D3	±15V	±10.0A	J300DW□D15D3
	24V	12.5A	J300DW□S24D3	±24V	±6.25A	J300DW□D24D3

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。

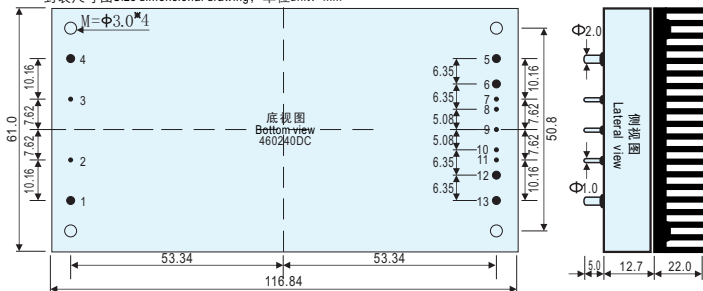
2、当工作温度为+70℃时, 应按温度降额曲线图使用。

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、□代表选择标称输入电压。

5、温度降额曲线图同上。

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



管脚说明Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
单路Single ≥12V	+Vin	REM	CASE	-Vin	GND	NP	-S	NP	TRIM	NP	+S	NP	+Vout
单路Single <12V	+Vin	REM	CASE	-Vin	GND	GND	NP	-S	TRIM	+S	NP	+Vout	+Vout
双路Dual	+Vin	REM	CASE	-Vin	-Vout2	COM	NP	-S	TRIM	+S	NP	COM	+Vout1
双路隔离 (DI)	+Vin	REM	CASE	-Vin	GND1	+Vout1	NP	-S	TRIM	+S	NP	GND2	+Vout2