

J30-40DW SERVES

○ 封装尺寸Size dimensional: 76.3x61.1x12.7mm

外形图Outside drawing

- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :80%
- 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
- 温度适应范围宽Wide temperature range
- 六面金属屏蔽Six sides metal shielding



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	18V	9V	36V
	48V	36V	72V	36V	18V	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)或接地关断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,Vo3:±2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1:±0.2%;Vo2,Vo3:±1.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2,Vo3:±4.0%
输出纹波及噪声Output Ripple and noise	20MHz Bm满载Full load	Vo≤5V:≤50mVp-p
		Vo>48V:≤180mVp-p ■ Other:≤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		±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:80%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		黑色金属壳Black metal case:DC
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

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典型应用Type

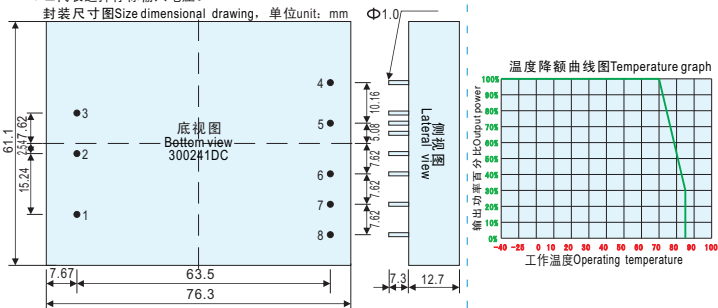
输入电压范围 Input voltage range	标称输出电压/输出电流Nom output voltage/current						
	单路Single		型号TYPE	双路Dual		型号Type	
	V	A		V	A		
12V(9-18V) 24V(18-36V) 48V(36-72V) 96/110V(72-144V) 18V(9-36V) 36V(18-72V)	3.3V	6.0A	J30DW□S3V3C2	±3V3	±3.0A	J30DW□D3V3C2	
	5V	6.0A	J30DW□S05C2	±5V	±3.0A	J30DW□D05C2	
	9V	3.33A	J30DW□S09C2	±9V	±1.66A	J30DW□D09C2	
	12V	2.5A	J30DW□S12C2	±12V	±1.25A	J30DW□D12C2	
	15V	2.0A	J30DW□S15C2	±15V	±1.0A	J30DW□D15C2	
	24V	1.25A	J30DW□S24C2	±24V	±625mA	J30DW□D24C2	
	3.3V	8.0A	J40DW□S3V3C2	±3V3	±4.0A	J40DW□D3V3C2	
	5V	8.0A	J40DW□S05C2	±5V	±4.0A	J40DW□D05C2	
	9V	4.44A	J40DW□S09C2	±9V	±2.22A	J40DW□D09C2	
	12V	3.33A	J40DW□S12C2	±12V	±1.66A	J40DW□D12C2	
	15V	2.66A	J40DW□S15C2	±15V	±1.33A	J40DW□D15C2	
	24V	1.66A	J40DW□S24C2	±24V	±833mA	J40DW□D24C2	
	三路Three						型号Type
	Vout1		Vout2		Vout1		
	V	A	V	A	V	A	
+5V	3.0A	+12V	625mA	-12V	625mA	J30DW□T05-121C2	
+5V	4.0A	+12V	833mA	-12V	833mA	J40DW□T05-121C2	

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。



管脚说明Pin	1	2	3	4	5	6	7	8
单路Single	REM	+Vin	-Vin	GND	+Vout	-S	TRIM	+S
双路Dual	REM	+Vin	-Vin	NP	NP	-Vout2	COM	+Vout1
双路隔离(DI)	REM	+Vin	-Vin	GND1	+Vout1	NP	GND2	+Vout2
三路(T)	REM	+Vin	-Vin	NC	+Vout1	-Vout3	COM	+Vout2