

J40DW SERVES

- 封装尺寸Size dimensional: 76.2x76.2x12.7mm
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :82%
- 开关频率Switching frequency:300KHz $\pm$ 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	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: $\pm 1.0\%$; Vo2, Vo3: $\pm 2.0\%$
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1: $\pm 0.2\%$; Vo2, Vo3: $\pm 1.5\%$
负载效应Load regulation	20%~100%额定负载Rated load	Vo1: $\pm 0.5\%$; Vo2, Vo3: $\pm 4.0\%$
输出纹波及噪声Output Ripple and noise	20MHz Bm满载Full load	Vo $\leq 5V$: $\leq 50mVp-p$
		Vo $\geq 48V$: $\leq 180mVp-p$ ■ Other: $\leq 100mVp-p$
动态响应Dynamic response	25%的标称负载阶跃Nom load stepped	$\Delta Vo1 / \Delta t$: $\leq 4.0/500us$
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	$\leq 200mS$
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 $\leq 5.0V$: 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 $\pm 10^\circ C$; 时间Time: 5~10S
	波峰焊接Wave welding	260 $\pm 5^\circ C$; 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 $\leq 0.5mA$ /1分钟Minute
	输入与外壳Input and case	1000Vdc $\leq 0.5mA$ /1分钟Minute
最小无故障间隔时间 (MTBF)		2X10 ⁵ Hrs

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典型应用Type

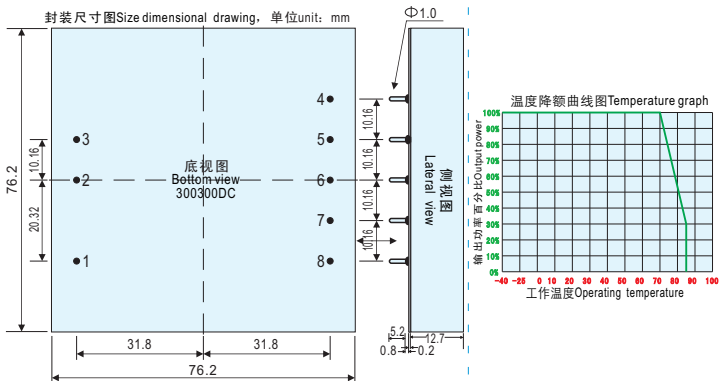
输入电压范围 Input voltage range		标称输出电压/输出电流Nom output voltage/current						
		单路Single		型号TYPE	双路Dual		型号Type	
		V	A		V	A		
12V(9-18V) 24V(18-36V) 48V(36-72V) 18V(9-36V) 36V(18-72V)	3.3V	8.0A	J40DW□S3V3C3	±3V3	±4.0A	J40DW□D3V3C3		
	5V	8.0A	J40DW□S05C3	±5V	±4.0A	J40DW□D05C3		
	9V	4.44A	J40DW□S09C3	±9V	±2.22A	J40DWD09C3		
	12V	3.33A	J40DW□S12C3	±12V	±1.66A	J40DW□D12C3		
	15V	2.66A	J40DW□S15C3	±15V	±1.33A	J40DW□D15C3		
	24V	1.66A	J40DW□S24C3	±24V	±833mA	J40DW□D24C3		
	48V	833mA	J40DW□S48C3					
	三路Three						型号Type	
	Vout1		Vout2		Vout1			
	V	A	V	A	V	A		
	+5V	4.0	+12V	833mA	-12V	833mA		J40DW□T05-12IC3
	+5V	4.0	+15V	833mA	-15V	833mA		J40DW□T05-15IC3

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	NC	NC	GND	+Vout	TRIM
双路Dual	REM	+Vin	-Vin	NC	-Vout2	COM	+Vout1	TRIM
三路(T)	REM	+Vin	-Vin	-Vout3	+Vout2	COM	+Vout1	TRIM