

J25-40DW SERIES

- 封装尺寸Size dimensional: 50.8x50.8x10.16mm
- 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:±1.0%;Vo2,V03:±2.0%
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1:±0.2%;Vo2,V03:±1.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2,V03:±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	△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: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	
12V(9-18V) 24V(18-36V) 48V(36-72V) 18V(9-36V) 36V(18-72V)	3.3V	5.0A	J25DW□S3V3B4	±3V3	±2.5A	J25DW□D3V3B4		
	5V	5.0A	J25DW□S05B4	±5V	±2.5A	J25DW□D05B4		
	9V	2.77A	J25DW□S09B4	±9V	±1.39A	J25DW□D09B4		
	12V	2.08A	J25DW□S12B4	±12V	±1.04A	J25DW□D12B4		
	15V	1.66A	J25DW□S15B4	±15V	±833mA	J25DW□D15B4		
	24V	1.04A	J25DW□S24B4	±24V	±520mA	J25DW□D24B4		
	3.3V	8.0A	J40DW□S3V3B4	±3V3	±4.0A	J40DW□D3V3B4		
	5V	8.0A	J40DW□S05B4	±5V	±4.0A	J40DW□D05B4		
	9V	4.44A	J40DW□S09B4	±9V	±2.22A	J40DW□D09B4		
	12V	3.33A	J40DW□S12B4	±12V	±1.66A	J40DW□D12B4		
	15V	2.66A	J40DW□S15B4	±15V	±1.33A	J40DW□D15B4		
	24V	1.66A	J40DW□S24B4	±24V	±833mA	J40DW□D24B4		
	三路Three							
	Vout1		Vout2		Vout3		型号Type	
	V	A	V	A	V	A		
	+5V	2.5A	+12V	520mA	-12V	520mA		J25DW□T05-12B4
	+5V	2.5A	+15V	416mA	-15V	416mA	J25DW□T05-15B4	

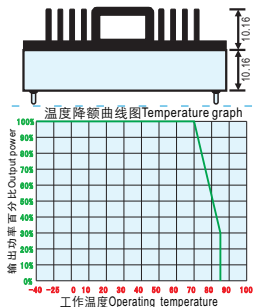
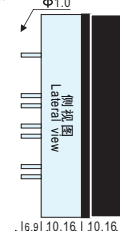
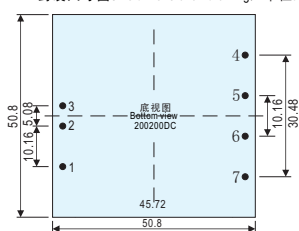
注: 1、因篇幅有限, 以上只是部分产品列表, 若需列表以外产品, 请与本公司销售部或办事处联系。

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。

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



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