

J3-5DW SERVES

- 封装尺寸Size dimensional: 25.4x25.4x10.16mm
- 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)
	6V	4.5V	9V			
	12V	9V	18V			
	24V	18V	36V	18V	9V	36V
	48V	36V	72V	36V	18V	72V
	96/110V	72V	144V			

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:≤50mVp-p
		Vo>48V:≤180mVp-p; Other:≤120mVp-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No adjust
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

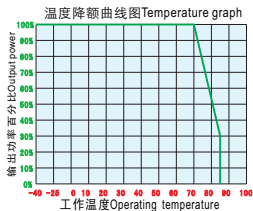
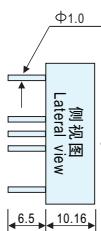
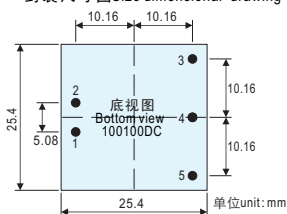
一般特性General

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

J3-5DW 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	
6V(4.5-9V) 12V(9-18V) 24V(18-36V) 48V(36-72V) 18V(9-36V) 36V(18-72V)	5V	600mA	J3DW□S05A1	±5V	±300mA	J3DW□D05A1
	9V	333mA	J3DW□S09A1	±9V	±166mA	J3DW□D09A1
	12V	250mA	J3DW□S12A1	±12V	±125mA	J3DW□D12A1
	15V	200mA	J3DW□S15A1	±15V	±100mA	J3DW□D15A1
	24V	125mA	J3DW□S24A1	±24V	±63mA	J3DW□D24A1
	5V	1.0A	J5DW□S05A1	±5V	±500mA	J5DW□D05A1
	9V	555mA	J5DW□S09A1	±9V	±277mA	J5DW□D09A1
	12V	416mA	J5DW□S12A1	±12V	±208mA	J5DW□D12A1
	15V	333mA	J5DW□S15A1	±15V	±166mA	J5DW□D15A1
	24V	208mA	J5DW□S24A1	±24V	±104mA	J5DW□D24A1

- 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


管脚说明Pin	1	2	3	4	5
单路Single	-Vin	+Vin	+Vout	NP	GND
双路Dual	-Vin	+Vin	+Vout1	COM	-Vout2