

J6-12DW SERVES

- 封装尺寸Size dimensional: 50.8x38.1x11.2mm
- 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,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	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

J6-12DW 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	1.2A	J6DW□S05B2	±5V	±600mA	J6DW□D05B2
	9V	666mA	J6DW□S09B2	±9V	±333mA	J6DW□D09B2
	12V	500mA	J6DW□S12B2	±12V	±250mA	J6DW□D12B2
	15V	400mA	J6DW□S15B2	±15V	±200mA	J6DW□D15B2
	24V	250mA	J6DW□S24B2	±24V	±125mA	J6DW□D24B2
	5V	2.4A	J12DW□S05B2	±5V	±1.2A	J12DW□D05B2
	9V	1.33A	J12DW□S09B2	±9V	±666mA	J12DW□D09B2
	12V	1.0A	J12DW□S12B2	±12V	±500mA	J12DW□D12B2
	15V	800mA	J12DW□S15B2	±15V	±400mA	J12DW□D15B2
	24V	500mA	J12DW□S24B2	±24V	±250mA	J12DW□D24B2
	三路隔离 (TI)		型号TYPE	三路隔离 (TI)		型号TYPE
	±12V;125mA	±5V;600mA	J6DW□D12S05IB2	±12V;250mA	±5V;1.2A	J12DW□D12S05IB2

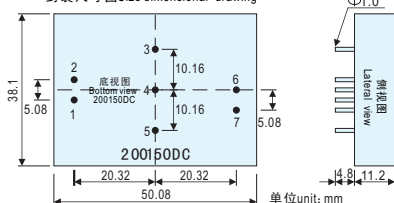
注 1、因篇幅有限，以上只是部分产品列表，若需列表以外产品，请与本公司销售部或办事处联系。

2、当工作温度为+70℃时，应按温度降额曲线图使用。

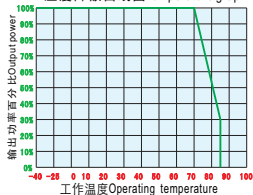
3、测试条件:所有参数测试均在标称输入电压、纯阻性额定负载及25℃室温环境下测得。

4、□代表选择标称输入电压。

封装尺寸图Size dimensional drawing



温度降额曲线图Temperature graph



管脚说明Pin	1	2	3	4	5	6	7
单路Single	-Vin	+Vin	+Vout	GND	NC	NP	NP
双路Dual	-Vin	+Vin	+Vout1	COM	-Vout2	NP	NP
双路隔离(DI)	-Vin	+Vin	+Vout1	GND1	NP	+Vout2	GND2
三路隔离(TI)	-Vin	+Vin	+Vout1	COM	-Vout2	+Vout3	GND3