

**J1-3DN SERVES**

- 封装尺寸Size dimensional: 25.4x25.4x8.5mm
- 定电压输入, 稳压输出Fixed input, Stabilivolt output
- 转换效率Converter efficiency :60%
- 开关频率Switching frequency:50-100KHz
- 无短路保护No short circuit protection
- 输入与输出隔离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, 超薄封装Six sides metal shielding, ultra-thin

外形图Outside drawing



CE RoHS

**输入特性Input**

	标称Nom(V)	最小Min(V)	最大Max(V)	输入范围Input range
输入电压范围 Input voltage range	3.3Vdc	3.15Vdc	3.45Vdc	±5%
	5Vdc	4.75Vdc	5.25Vdc	±5%
	9Vdc	8.55Vdc	9.45Vdc	±5%
	12Vdc	11.40Vdc	12.60Vdc	±5%
	15Vdc	14.25Vdc	15.75Vdc	±5%
	24Vdc	22.80Vdc	25.20Vdc	±5%

**输出特性Output**

输出电压精度Output voltage accuracy	标称电压Nominal output voltage	Vo1,Vo2:±3.0%(Max)
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1,Vo2:±1%(Max)
负载效应Load regulation	20%~100%额定负载Rated load	Vo1,Vo2:±1%
输出纹波及噪声Output Ripple and noise	20MHz Bm满载Full load	10~50mVp-p
最小负载Min Load		5%
电压输出形式		稳压输出:Stabilivolt output
启动延迟时间Start delay time	典型值Typical	≤200mS
输入保护Input protection	无输入反向保护No Input reverse	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	100KHz典型Typical	100KHz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I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 <sup>4</sup> Hrs

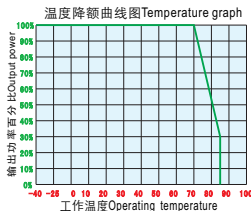
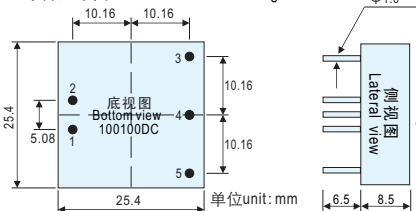
**J1-3DN SERIES**
**典型应用Type**

标称输出电压/输出电流Nom output voltage/current

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	
5V(4.75-5.25V) 9V(8.55-9.45V) 12V(11.40-12.60V) 15V(14.25-15.75V) 24V(22.80-25.20V) 48V(45.60-50.40V)	3.3/5V	200mA	J1DN05S05A1/05S3V3A	±5V	±100mA	J1DN05D05A1
	9V	100mA	J1DN05S09A1	±9V	±50mA	J1DN05D09A1
	12V	80mA	J1DN05S12A1	±12V	±40mA	J1DN05D12A1
	15V	66mA	J1DN05S15A1	±15V	±33mA	J1DN05D15A1
	24V	40mA	J1DN05S24A1	±24V	±20mA	J1DN05D24A1
	3.3/5V	200mA	J1DN12S05A1/12S3V3A1	±5V	±100mA	J1DN12D05A1
	9V	100mA	J1DN12S09A1	±9V	±50mA	J1DN12D09A1
	12V	80mA	J1DN12S12A1	±12V	±40mA	J1DN12D12A1
	15V	66mA	J1DN12S15A1	±15V	±33mA	J1DN12D15A1
	24V	40mA	J1DN12S24A1	±24V	±20mA	J1DN12D24A1
	3.3/5V	400mA	J3DN24S05A1/24S3V3A1	±5V	±200mA	J3DN24D05A1
	9V	200mA	J3DN24S09A1	±9V	±100mA	J3DN24D09A1
	12V	160mA	J3DN24S12A1	±12V	±100mA	J3DN24D12A1
	15V	133mA	J3DN24S15A1	±15V	±100mA	J3DN24D15A1
	24V	125mA	J3DN24S24A1	±24V	±60mA	J3DN24D24A1
	3.3/5V	400mA	J3DN48S05A1/05S3V3A1	±5V	±200mA	J3DN48D05A1
	9V	330mA	J3DN48S09A1	±9V	±100mA	J3DN48D09A1
	12V	250mA	J3DN48S12A1	±12V	±100mA	J3DN48D12A1
	15V	200mA	J3DN48S15A1	±15V	±100mA	J3DN48D15A1
	24V	125mA	J3DN48S24A1	±24V	±60mA	J3DN48D24A1

- 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。

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