

JA5-N2 SERVES

- ◎ 封装尺寸Size dimensional: 27.5x9.5x12.0mm
- ◎ 定电压输入, 稳压输出Fixed input,Stabilivolt output
- ◎ 转换效率Converter efficiency : 70%
- ◎ 开关频率Switching frequency: 100-200KHz±30KHz
- ◎ 输入反向保护Input reverse 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
- ◎ 温度适应范围宽Wide temperature range
- ◎ 超薄SIP封装ultra-thin

外形图Outside drawing



CE RoHS

输入特性Input

输入电压范围 Input voltage range	标称Nom(V)	最小Min(V)	最大Max(V)	输入范围Input 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%
线性调整率	输入电压变化±1%	输出电压变化±1~1.5%
输出纹波及噪声Output Ripple and noise	20MHz Bm满载Full load	50~150mVp-p
最小负载Min Load		10%
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	输入反向保护Input reverse 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	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		UL94V-0黑色塑壳Black plastic case :DP
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

JA5-N2 SERVES

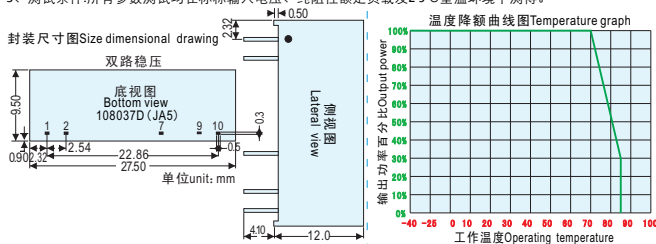
典型应用Type

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	
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)	5V	400mA	05S05JA5-N2	±5V	±200mA	05D05JA5-N2
	9V	220mA	05S09JA5-N2*	±9V	±100mA	05D09JA5-N2
	12V	160mA	05S12JA5-N2	±12V	±80mA	05D12JA5-N2
	15V	133mA	05S15JA5-N2	±15V	±66mA	05D15JA5-N2
	24V	80mA	05S24JA5-N2	±24V	±40mA	05D24JA5-N2
	5V	400mA	12S05JA5-N2	±5V	±200mA	12D05JA5-N2
	9V	220mA	12S09JA5-N2	±9V	±100mA	12D09JA5-N2
	12V	160mA	12S12JA5-N2	±12V	±80mA	12D12JA5-N2
	15V	133mA	12S15JA5-N2	±15V	±66mA	12D15JA5-N2
	24V	80mA	12S24JA5-N2	±24V	±40mA	12D24JA5-N2
	5V	400mA	15S05JA5-N2	±5V	±200mA	15D05JA5-N2
	9V	220mA	15S09JA5-N2	±9V	±110mA	15D09JA5-N2
	12V	160mA	15S12JA5-N2	±12V	±80mA	15D12JA5-N2
	15V	133mA	15S15JA5-N2	±15V	±66mA	15D15JA5-N2
	24V	80mA	15S24JA5-N2	±24V	±40mA	15D24JA5-N2
	5V	400mA	24S05JA5-N2	±5V	±200mA	24D05JA5-N2
	9V	220mA	24S09JA5-N2*	±9V	±100mA	24D09JA5-N2
	12V	160mA	24S12JA5-N2	±12V	±80mA	24D12JA5-N2
	15V	133mA	24S15JA5-N2	±15V	±66mA	24D15JA5-N2
	24V	80mA	24S24JA5-N2	±24V	±40mA	24D24JA5-N2

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。



管脚说明Pin	1	2	3-6	7	9	10
单路Single	+Vin	-Vin	NP	+Vout	NP	GND
双路Dual	+Vin	-Vin	NP	+Vout1	-Vout2	COM