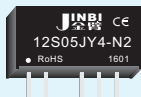


JY4-N2 SERVES

- 封装尺寸Size dimensional: 20.0x7.0x10.0mm
- 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

	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: ±3.0% (Max)
源效应Line regulation	标称负载, 全范围Nominal load, gamut	Vo1: ±1% (Max)
负载效应Load regulation	20%~100%额定负载Rated load	Vo1: ±1%
线性调解率	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: 70%典型Typical	Vo > 5.0V: 75%典型Typical
开关频率Switching frequency	100KHz典型Typical	200KHz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 ⁵ Hrs

JY4-N2 SERVES

典型应用Type

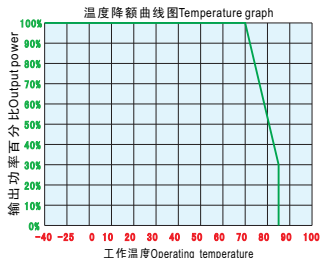
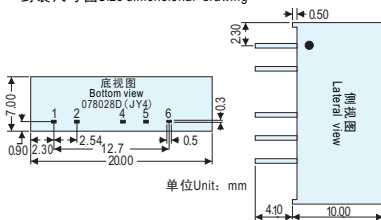
输入电压范围 Input voltage range	标称输出电压/输出电流Nom output voltage/current					
	单路Single		型号Type	单路Single		型号Type
	V	A		V	A	
3V3(3.15-3.45V) 5V(4.75-5.25V) 9V(8.55-9.45V) 12V(11.40-12.60V) 15V(14.25-15.75V) 24V(22.80-25.20V)				3V3	400mA	12S3V3JY4-N2
				5V	400mA	12S05JY4-N2
				9V	220mA	12S09JY4-N2*
				12V	160mA	12S12JY4-N2
				15V	133mA	12S15JY4-N2
				24V	80mA	12S24JY4-N2
	3V3	400mA	05S3V3JY4-N2	3V3	400mA	15S3V3JY4-N2
	5V	400mA	05S05JY4-N2	5V	400mA	15S05JY4-N2
	9V	220mA	05S09JY4-N2*	9V	220mA	15S09JY4-N2*
	12V	160mA	05S12JY4-N2	12V	160mA	15S12JY4-N2
	15V	133mA	05S15JY4-N2	15V	133mA	15S15JY4-N2
	24V	80mA	05S24JY4-N2	24V	80mA	15S24JY4-N2
	3V3	400mA	09S3V3JY4-N2	3V3	400mA	24S3V3JY4-N2
	5V	400mA	09S05JY4-N2	5V	400mA	24S05JY4-N2
	9V	220mA	09S09JY4-N2*	9V	220mA	24S09JY4-N2*
	12V	160mA	09S12JY4-N2	12V	160mA	24S12JY4-N2
	15V	133mA	09S15JY4-N2	15V	133mA	24S15JY4-N2
	24V	80mA	09S24JY4-N2	24V	80mA	24S24JY4-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。

封装尺寸图Size dimensional drawing



管脚说明Pin	1	2	3	4	5	6
单路Single	+Vin	-Vin	NP	GND	NP	+Vout