

J2.5AW SERVES

- 封装尺寸Size : 37.0x18.5x16.5mm(14mm超薄)
- 宽范围输入Wide input voltage range
- 转换效率典型Typical efficiency :80%
- 开关频率Switching frequency:60KHz±10KHz
- 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
- 小体积Small size. &长寿命longevity (可选)

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)	输入比Input
	220AC(310Vdc)	85AC(120Vdc)	265AC(380Vdc)	3:1
	220AC(310Vdc)	165AC(200Vdc)	265AC(380Vdc)	1.65:1
输入频率范围	50Hz	47Hz	440Hz	47-440Hz
遥控端ON/OFF	无遥控端No remote			

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:±0.5%
负载效应Load regulation	20%~100%额定负载Rated load	Vo1:±0.5%;Vo2:±3.0%
输出纹波及噪声 Output Ripple and noise	20MHz Bm满载Full load	Vo≤5V:≤80mVp-p
		Vo≥48V:≤180mVp-p; 其它电压≤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
启动延迟时间Start delay time	典型值Typical	≤500mS
输出短路保护Short circuit protection	长期短路Continued short circuit protection	自恢复

一般特性General

转换效率Efficiency	Vo≤5.0V:80%典型Typical	Vo>5.0V:82%典型
开关频率Switching frequency	60KHz典型Typical	70KHz最大Max
工作温度Operating temperature	自由空气对流Free air convection	-25℃~+75℃工业级
		-40℃~+85℃军1级
焊接温度Welding temperature	手工焊接Hand welding	360±10℃;时间:5~10S
	波峰焊接Wave welding	260±5℃;时间: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:APBlack plastic case	
隔离电压Isolation voltage	输入与输出Input and output	2.5KVac≤2mA/1分钟Minute
	输入与外壳Input and case	5KVac≤1mA/1分钟Minute
最小无故障间隔时间 (MTBF)		2X10 ⁴ Hrs

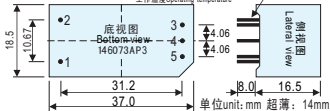
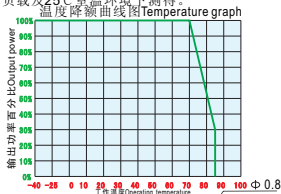
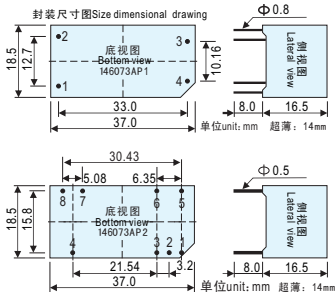
J2.5AW SERVES
典型应用Type

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	
165-265Vac 200-380Vdc	3.3V	500mA	J2.5AW220S3V3A3	±3.3V	±250mA	J2.5AW220D3V3A3
	5V	500mA	J2.5AW220S05A3	±5V	±250mA	J2.5AW220D05A3
	9V	270mA	J2.5AW220S09A3	±9V	±135mA	J2.5AW220D09A3
	12V	210mA	J2.5AW220S12A3	±12V	±105mA	J2.5AW220D12A3
85-265Vac 120-380Vdc	15V	165mA	J2.5AW220S15A3	±15V	±80mA	J2.5AW220D15A3
	18V	140mA	J2.5AW220S18A3	±18V	±70mA	J2.5AW220D18A3
	24V	100mA	J2.5AW220S24A3	±24V	±50mA	J2.5AW220D24A3
	48V	50mA	J2.5AW220S48A3	+5V/+12V	260/100mA	J2.5AW220D05-12A3

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。


146073AP1

管脚说明Pin	1	2	3	4
单路Single	AC(N)	AC(L)	+Vout	GND

146073AP2

管脚说明Pin	1	2	3	4	5	6	7	8
单路Single	+Vout	NP	GND	FG	NC	NC	AC(L)	AC(N)
双路Dual	+Vout1	NP	COM	FG	-Vout2	COM	AC(L)	AC(N)
双路隔离DI	+Vout1	NP	GND1	FG	+Vout2	GNG2	AC(L)	AC(N)

146073AP3

管脚说明Pin	1	2	3	4	5
单路Single	AC(N)	AC(L)	+Vout	NP	GND
双路Dual	AC(N)	AC(L)	+Vout	COM	-Vout