

○Typical product tabulates/典型性能

特点: 定电压输入, 隔离非稳压单输出 Characteristics: Fixed input, Unregulated Single output  
 隔离电压 Isolation Voltage : 1500Vdc  
 效率高达 Efficiency up to : 76%  
 工作环境温度 Temperature range: -40°C-85°C  
 MTBF ≥ 350万小时 (35 × 10<sup>5</sup> Hrs)  
 符合RoHS指令 Comply with the RoHS directive)  
 线性调节率(输入电压变化±1%时) Line regulation (when input change ±1%): ±1.2%  
 负载调节率(10%-100%满载) Load regulation (10%-100% full load): 15%  
 纹波/噪声 (20MHz带宽) Typ Ripple and noise (20MHz band width): 100mVp-Typ  
 小型SIP和DIP封装 Small SIP&DIP package  
 无需外加元件 No external component required  
 短路保护, 自恢复(定制) Short Circuit Protection, Automatic recovery (Customized products)  
 塑料外壳, 满足UL94-V0要求 Plastic case, up to standard of UL94-V0

ZKE系列  
(陶瓷PCB制作)



○Typical product tabulates/典型产品列表

产品型号Type	输入电压 (Vdc) Input voltage range		输入电流 (mA) (typ)		输出电压 (Vdc)	输出电流 (mA) Output current		输出功率 (w)	纹波噪声 (Typ) (mvp-p)	最大容性负载 (uF)	满载效率 (% , typ)
	标称值 Nominal value	范围值 Rang value	满载 Full load	空载 No-load	Output voltage	Min	Max	Output power	Ripple noise	Max capacitive load	Full load efficiency
ZKE0303S/D	3.3	3.3-3.6	435	45	3.3	31	303	1W	50~75	220	70
ZKE0505S/D	5	4.5-5.5	261	30	5	20	200		50-75	220	74
ZKE0509S/D			261		9	12	111		100	78	
ZKE0512S/D			260		12	9	83		100	79	
ZKE1205S/D	12	10.8-13.2	108	16	5	20	200		50-75	220	74
ZKE1212S/D			108		12	9	83		100	82	
ZKE1215S/D			107		15	7	67		100	80	
ZKE1505S/D	15	13.5-16.5	86	13	5	20	200		50~75	220	78
ZKE1509S/D			85		9	12	111		100	79	
ZKE1515S/D			82		15	7	67		100	82	

因篇幅有限, 以上只是部分产品列表, 若需列表以外产品, 请与本公司销售部联系  
 Due to space limitations, the above list is only for some products, if demand for others not included in the tabulates, please contact the Company's sales department

○Mechanical Data/封装尺寸

DIP Pin No	1	4	5	7
定义 Function	-Vin 输入负极	+Vin 输入正极	+Vo 输出负极	-Vo 输出正极
尺寸 Size	11.50 × 9.80 × 6.80 mm			

  

SIP Pin No	1	2	3	4
定义 Function	-Vin 输入负极	+Vin 输入正极	-Vo 输出负极	+Vo 输出正极
尺寸 Size	11.48 × 6.00 × 10.00 mm			

Note注: 尺寸单位Unit:mm[inch]; 端子截面公差Pin section tolerances: ±0.10[±0.004]; 未标注之公差General tolerances: ±0.25[±0.010]; 栅格距离Grid: 2.54\*2.54mm

○Output load requirements/输出负载要求

为了确保该模块能够高效可靠的工作, 使用时, 其输出最小负载不能小于额定负载的10%。若您所需功率确实较小, 请在输出端并联一个电阻(电阻消耗功率与实际使用功率之和大于等于10%的额定功率)  
 In order to ensure the converter can work reliably with high efficiency, the minimum load should not less than 10% rated load when it is used. If the needed power is indeed small, please parallel a resistor on the output side (The sum of the efficient power and resistor consumption power is not less than 10%)