

○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 : 80%
 工作环境温度 Temperature range: -40°C-85°C
 MTBF ≥ 350万小时 (35 × 10⁵ 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

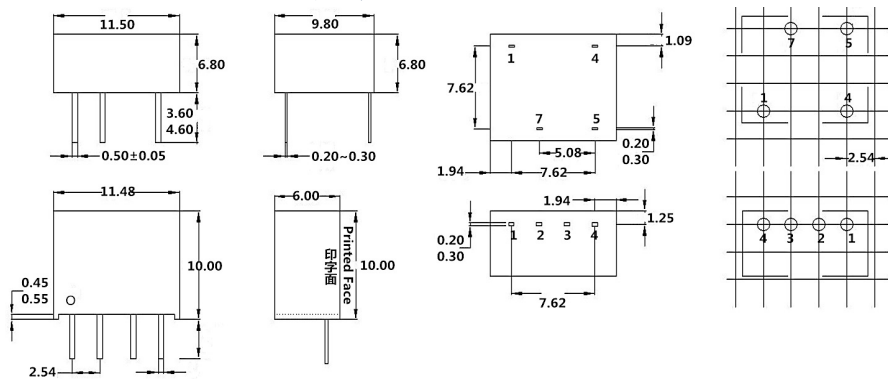


○Typical product tabulates/典型产品列表

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		
Z5E0505S/D	5	4.5-5.5	131	30	5	10	100	0.5W	50~75	220	75		
Z5E0509S/D			131		9	6	56			100	76		
Z5E0512S/D			130		12	5	42			100	77		
Z5E0515S/D			130		15	4	34			100	79		
Z5E1205S/D	12	10.8-13.2	54	16	5	10	100		0.5W	50~75	220	76	
Z5E1209S/D			54		9	6	56				100	77	
Z5E1212S/D			54		12	5	42				100	79	
Z5E1215S/D			54		15	4	34				100	80	
Z5E1505S/D	15	13.5-16.5	43	13	5	10	100			0.5W	50~75	220	76
Z5E1509S/D			43		9	6	56					100	77
Z5E1515S/D			41		15	4	34					100	80
Z5E2405S/D			27		5	10	100					220	77
Z5E2409S/D	24	21.6-26.4	27	8	9	6	56	0.5W			50~75	100	78
Z5E2412S/D			26		12	5	42					100	79
Z5E2424S/D			26		24	2	21					47	80

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 输出正极	-Vo 输出负极
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%)