

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 : 3000Vdc
 效率高达 Efficiency up to : 82%
 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

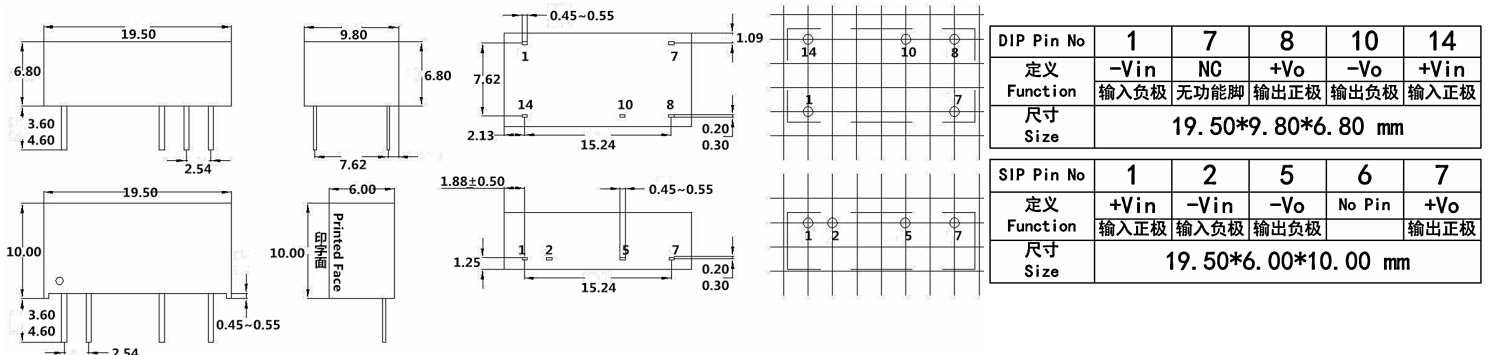


Typical product tabulates/典型产品列表

产品型号Type	输入电压 (Vdc) Input voltage range		输入电流 (mA) (typ)		输出电压 (Vdc) Output voltage		输出功率 (w) Output power	纹波噪声 (Typ) (mvp-p) Ripple noise	最大容性负载 (uF) Max capacitive load	满载效率 (% , typ) Full load efficiency	
	标称值 Nominal value	范围值 Rang value	满载 Full load	空载 No-load	Output voltage	Min					Max
ZMV0505SA/DA	5	4.5-5.5	263	30	5	20	1W	50~75	220	77	
ZMV0509SA/DA			260		9	12			111	100	78
ZMV0512SA/DA			260		12	9			83	100	79
ZMV0524SA/DA			260		24	4			42	47	81
ZMV1205SA/DA	12	10.8-13.2	105	16	5	20		50~75	220	78	
ZMV1212SA/DA			103		12	9			83	100	81
ZMV1224SA/DA			102		24	4			42	47	82
ZMV1505SA/DA	15	13.5-16.5	86	13	5	20		50~75	220	78	
ZMV1512SA/DA			83		12	9			83	100	81
ZMV1515SA/DA			82		15	7			67	100	82
ZMV2405SA/DA	24	21.6-26.4	54	8	5	20		50~75	220	79	
ZMV2412SA/DA			52		12	9			83	100	81
ZMV2424SA/DA			51		24	4	42		47	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



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 t the output side (The sum of the efficient power and resistor consumption power is not less than 10%)