

○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 : 83%
 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



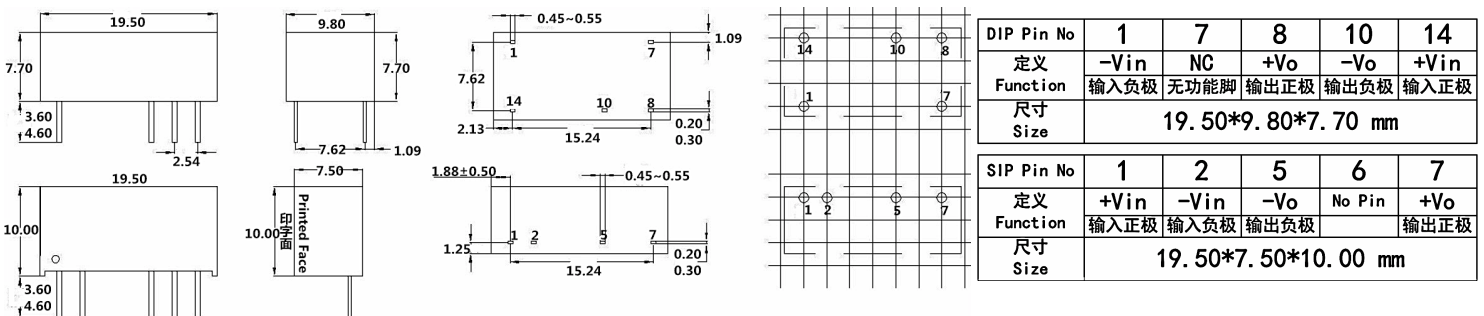
○Typical product tabulates/典型产品列表

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			
ZM2V0505SA/DA	5	4.5-5.5	519	50	5	40	400	2W	100	220	78			
ZM2V0512SA/DA			513		12	16	166			100	100	79		
ZM2V0515SA/DA			506		15	13	133			100	100	80		
ZM2V0524SA/DA			506		24	8	83			100	47	81		
ZM2V1205SA/DA	12	10.8-13.2	214	18	5	40	400		2W	100	220	79		
ZM2V1212SA/DA			211		12	16	166				100	100	81	
ZM2V1224SA/DA			204		24	8	83				100	47	82	
ZM2V1505SA/DA	15	13.5-16.5	169	15	5	40	400			2W	100	220	79	
ZM2V1512SA/DA			163		12	16	166					100	100	82
ZM2V1515SA/DA			163		15	13	133					100	100	82
ZM2V1524SA/DA			161		24	8	83		100			47	83	
ZM2V2405SA/DA	24	21.6-26.4	108	10	5	40	400		2W		100	220	80	
ZM2V2412SA/DA			105		12	16	166	100				100	82	
ZM2V2424SA/DA			101		24	8	83	100				47	83	

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%)