

○Typical product tabulates/典型性能

特点: 定电压输入, 隔离非稳压双输出 Characteristics: Fixed input, Unregulated Dual output
 隔离电压 Isolation Voltage : 1500Vdc
 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

ZMA系列
(陶瓷PCB制作)

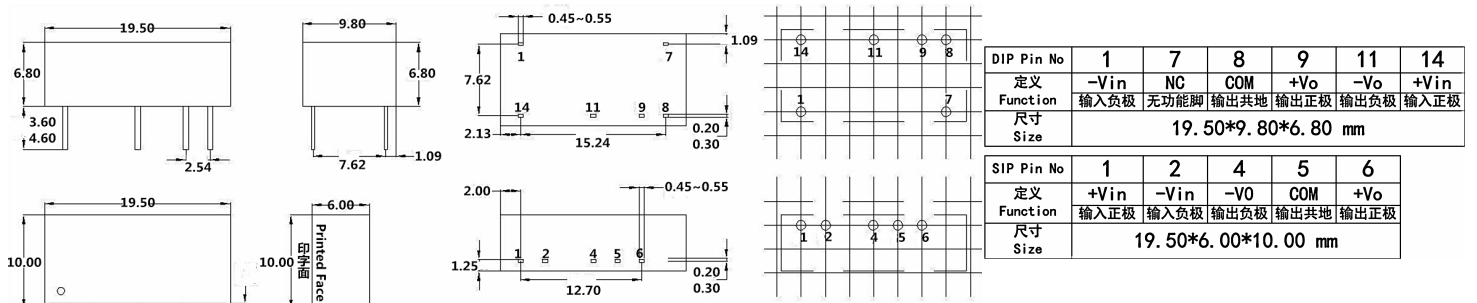


○Typical product tabulates/典型产品列表

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
ZMA0505S/D	5	4.5-5.5	263	30	±5	±10	±100	1W	50~75	100	77
ZMA0512S/D			260		±12	±4	±42			47	79
ZMA0515S/D			256		±15	±3	±33			47	81
ZMA1205S/D	12	10.8-13.2	108	16	±5	±10	±100		50~75	100	78
ZMA1212S/D			108		±12	±4	±42			47	81
ZMA1224S/D			102		±24	±2	±21			22	82
ZMA1505S/D	15	13.5-16.5	86	13	±5	±10	±100		50~75	100	78
ZMA1512S/D			83		±12	±4	±42			47	81
ZMA1515S/D			82		±15	±3	±33			47	82
ZMA2405S/D	24	21.6-26.4	53	8	±5	±10	±100		50~75	100	79
ZMA2412S/D			52		±12	±4	±42			47	81
ZMA2415S/D			51		±15	±3	±33			47	82
ZMA2424S/D			51		±24	±2	±21	22		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%)