

○Typical product tabulates/典型性能

- 特点: 定电压输入, 隔离稳压单输出 Characteristics: Fixed input, isolation, regulated Single output
- 隔离电压 Isolation Voltage : 1500Vdc
- 效率高达 Efficiency up to : 70%
- 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 Line regulation: ±0.5%
- 负载调节率(10%-100%满载) Load regulation(10%-100% full load): ±2%
- 纹波/噪声 (20MHz带宽) Typ Ripple and noise(20MHz band width): 150mVp-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
ZM2F0505S/D	5	4.75-5.25	616	50	5	40	400	2W	50	220	65
ZM2F0512S/D			645		12	18	166			100	62
ZM2F0515S/D			645		15	14	134			100	62
ZM2F0524S/D			645		24	8	84			47	62
ZM2F1205S/D	12	11.4-12.6	252	18	5	40	400		50	220	66
ZM2F1212S/D			265		12	18	166			100	63
ZM2F1215S/D			265		15	14	134			100	63
ZM2F1224S/D			265		24	8	84			47	63
ZM2F1505S/D	15	14.25-15.75	202	15	5	40	400		50	220	66
ZM2F1515S/D			209		15	14	134			100	64
ZM2F2405S/D	24	22.8-25.2	127	10	5	40	400		50	220	66
ZM2F2412S/D			131		12	18	166			100	64
ZM2F2424S/D			131		24	8	84	47		64	

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	2	9	11	14
定义	-Vin	NC	+Vo	-Vo	+Vin
Function	输入负极	无功能脚	输出正极	输出负极	输入正极
尺寸	19.50*9.80*7.70 mm				

SIP Pin No	1	2	4	5	6
定义	+Vin	-Vin	-Vo	No Pin	+Vo
Function	输入正极	输入负极	输出负极		输出正极
尺寸	19.50*7.50*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 t the output side (The sum of the efficient power and resistor consumption power is not less than 10%)