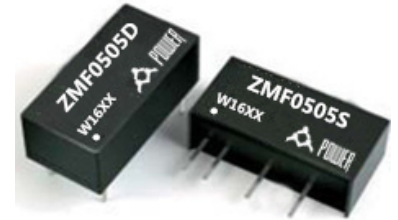


○Typical product tabulates/典型性能

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 : 73%  
 工作环境温度 Temperature range: -40°C-85°C  
 MTBF ≥ 350万小时 (35 × 10<sup>5</sup> Hrs)  
 符合RoHS指令 Comply with the RoHS directive)  
 线性调节率 Line regulation: ±0.25%  
 负载调节率(10%-100%满载) Load regulation(10%-100% full load): ±1%  
 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

ZMF系列  
(陶瓷PCB制作)

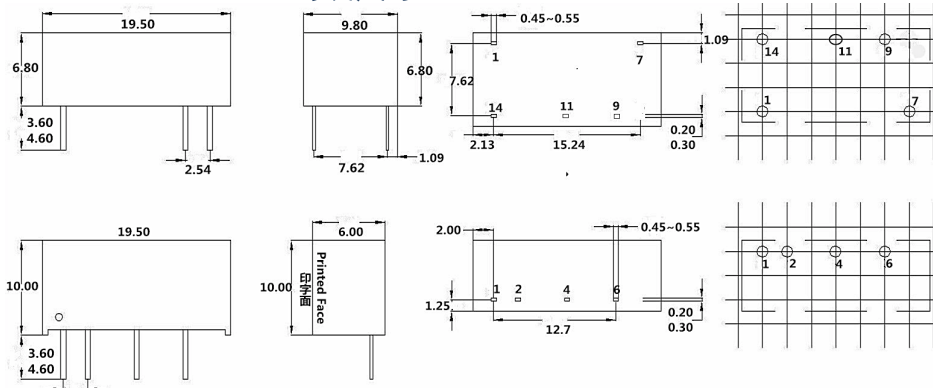


○Typical product tabulates/典型产品列表

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
ZMF0505S/D	5	4.75-5.25	308	30	5	20	200	1W	40	220	65
ZMF0512S/D			323		12	9	83			100	62
ZMF0515S/D			323		15	7	67			100	62
ZMF0524S/D			323		24	4	42			47	62
ZMF1205S/D	12	11.4-12.6	129	16	5	20	200		50	220	65
ZMF1212S/D			135		12	9	83			100	62
ZMF1215S/D			135		15	7	67			100	62
ZMF1224S/D			135		24	4	42			47	62
ZMF1505S/D	15	14.25-15.75	101	13	5	20	200		60	220	66
ZMF1515S/D			106		15	7	67			100	63
ZMF2405S/D	24	22.8-25.2	64	8	5	20	200		75	220	66
ZMF2412S/D			68		12	9	83			100	62
ZMF2424S/D			67		24	4	42	47		63	

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 Function	-Vin	NC	+Vo	-Vo	+Vin
尺寸 Size	输入负极 无功能脚 输出正极 输出负极 输入正极				
尺寸 Size	19.50*9.80*6.80 mm				

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