

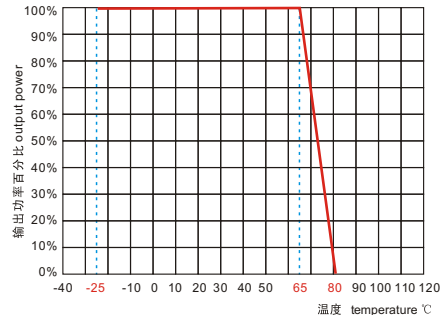
SWA150-200 Series

SHINHOM
www.shinhom.com

典型性能 Typical performance

- ⊙ 宽范围输入 Wide Input voltage range
- ⊙ 转换效率 Typical Efficiency (典型87%)
- ⊙ 开关频率 Switching frequency: 100KHz
- ⊙ 过流短路保护, 自动恢复 current /Short circuit protection, Self-furbish
- ⊙ 输入与输出高隔离 Input-output isolate
- ⊙ PCB 板上直插式安装 Board in-line type installs
- ⊙ 金属外壳 Metal case

温度曲线图 Temperature graph



技术参数 测试条件: 如无特殊指定, 所有参数测试均在标称输入电压、纯阻性额定负载及25°C室温环境下测得。

Technology parameter Test condition: General Nominal Line, Tc=25°C, Rated resistant load unless other wispecified

输入特性 Input	Min	Nom	Max	Notes
输入电压 Vac Input voltage	85(120Vdc)	220	265(380Vdc)	W
输入频率范围 Hz Frequency range	47		440)	
遥控端 Rremote ON/OFF	无遥控端 No remote control terminal			

输出特性 Output	低于低端输入电压保护, 自动恢复 Lower than the low-input voltage protection, Self-furbish		
输出电压精度 Voltage accuracy		Vo	±1.0%
源效应 Line regulation	标称负载, 全电压范围 Nominal Load, full voltage range	Vo	±0.2%
负载效应 Load regulation	20%~100%额定负载(Rated load)	Vo	±0.5%
纹波及噪声 Ripple and noise	20MHz BM 满载(Full load)		
	Vo ≤ 5.0V, ≤ 80mVp-p;	Vo ≥ 48V, ≤ 180mVp-p;	Other, ≤ 120mVp-p;
启动延迟时间 Start delay time	典型值 Tpical value		1S

一般特性 General			
转换效率 Efficiency	标称电压输入, 满载 Nominal input, Full load		87%典型(Typical)
开关频率 Switching frequency		100KHz 典型(Typical)	最大(max) 250KHz
工作温度 Operating temperature		自由空气对流 Free air	-25°C~+55°C
储存温度 Storage temperagure			-40°C~+105°C
最大壳温 Max case temperature			80°C
相对湿度 Relative humidity			10%~90%

SWA150-200 Series

SHINHOM
www.shinhom.com

外壳材料(case material)		金属壳 Metal case
隔离电压(Isolation Voltage)	输入与输出 Input-output 2.5KV ≤10mA/1mi	
	输入与外壳 Input-case	输入与FG Input-FG 1.5KV≤10mA 1min
最小无故障间隔时间 MTBF	2X10 ⁵ Hrs	
外形尺寸	180*88*25mm	

产品命名方式 Product Nomination Method

举例 Forexample	SW A 150 — 220 S 12 ① ② ③ ④ ⑤ ⑥					
①	W宽压输入: AC85-265V Wide input voltage AC85-265V N窄压输入: AC165-265V Narrow input voltage AC85-265V	④	表示输入电压标称值 nominal value of input voltage			
②	电源转换模式A (AC-DC): Power conversion mode A (AC-DC)	⑤	S 单路输出 S: Single output			
③	表示输出功率大小 Ouput Power	⑥	输出电压大小 Output Voltage			

典型产品列表 Typical product tabulates

型号 TYPE	输入电压范围 Input voltage range	输出电压/电流 (Output voltage / current)					
		VO1		VO2		VO3	
		V	mV	V	mV	V	mV
SWA150-220S12	85~265VAC 120~380VDC	12V	12500mA				
SWA150-220S15		15V	10000mA				
SWA150-220S27		27V	5500mA				
SWA150-220S48		48V	3125mA				
SWA200-220S12		12V	16670mA				
SWA200-220S15		15V	13300mA				
SWA220-220S27		27V	7400mA				
SWA200-220S48		48V	4200mA				

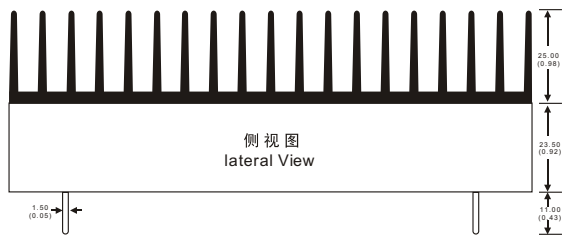
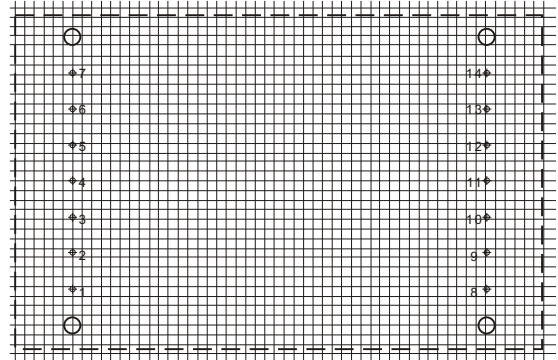
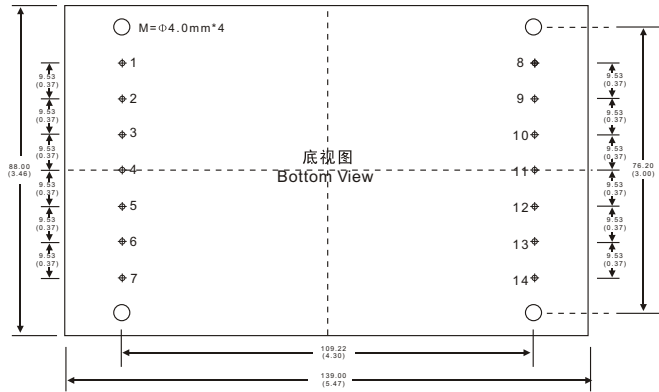
注: 因篇幅有限, 以上只是部分产品列表, 若需列表以外产品, 请与本公司销售部联系。

due to space limi tations the above list is only for some produc ts, if other than a list of products, please contact the Companys sales department.

SWA150-200 Series

SHINHOM
www.shinhom.com

封装尺寸图 Mechanical Data



单位：mm
印刷板俯视图
栅间距：2.5mm(0.1inch)

封装尺寸图 Mechanical Data

封装代号 Package Code	LxWxH 单位：mm	封装号 Package No
M5	138x88x23.5	547346DC

管脚号码 Pin Number	1	2	3	4	5	6	7	8	9	10
单路(S) S: Single	AC(N)	NP	AC(L)	NP	NP	NP	FG	+Vo	+Vo	+Vo
	11	12	13	14						
	-Vo	+SENSE	TEIM	-SENSE						

*注意：电源模块的各管脚定义如与选型手册不符，应以实物标签上的标注为准。

*Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.