

SAW Series

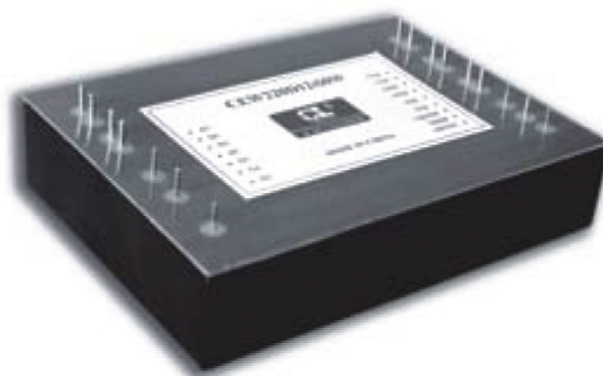
AC/DC

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特性 Features

- 宽电压输入范围
Wide range of input voltage
- 输入宽频噪声滤波
Broadband noise filter of input
- 输入浪涌电流抑制电路
Surge suppress circuit of input
- 符合UL 1950、IEC950 安全规程
Comply with UL 1950,IEC950 safety regulation
- 外型设计美观
Attractive outline design
- 引出脚功能兼容
Pin function compatible
- 快速动态响应
Fast dynamic response



输入特性 Input Characteristic

电压范围 (Voltage Range)	220 VAC 额定值)	85-264 VAC
反压保护 (Reverse Protection)	用应时外接熔丝 (Fuse Outside)	

环境特性(Environmental Characteristics)

工作壳温 (Case Temperature)	(工业品)-25~+85℃ (Industry)
	(军 I)-40~+85℃ (Military I)
	(军 II)-55~+85℃ (Military II)
存储温度 (Storage Temperature)	(工业品)-45~+105℃ (Industry)
	(军 品)-55~+105℃ (Military)

热阻特性 Heat Characteristic

冷却方式 (Cooling)	热 阻 (Thermal Resistance)
自然风冷 (Breeze of Nature)	2.50℃/W
0.5M/S	2.09℃/W
1M/S	1.56℃/W
1.5M/S	1.13℃/W
2M/S	0.94℃/W

一般特性 General Characteristic

工作频率 (Switching Frequency)	160-200	KHZ
隔离电阻 (Isolation Resistance)	500	M Ω
MTBF 绝缘强度 (Isolation Voltage)	>500000	h
输入-输出 (Input-output)	>1500 VAC/1min (漏电流< 5mA)	
输入-外壳 (Input-Case)	>1500 VAC/1min (漏电流< 5mA)	
输出-外壳 (Output-Case)	>500 VDC/1min	
主路-副路 (Main-Vice)	>500 VDC/1min	

输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	± 1%
输出电压调整范围 (Output Voltage Range)	± 10%
电压调整率(主路) (Line Regulation<main>)	± 0.2 %
负载调整率(主路) (Load Regulation<main>)	± 0.4%
温度变化率 (Temperature Coefficient)	± 0.01%/℃
交叉调节率 (主路30%-100%负载, 副路80% 负载) (Cross Regulation)	± 3%
电流限制点 (Output Current Limiting)	120%(Typ)
响应速度 (Dynamic Response)	400 μ s
输出电流 (Output Current)	2-5A 任选
输出电压 (Output Voltage)	1.8-48V
功率 (Power)	75-150W

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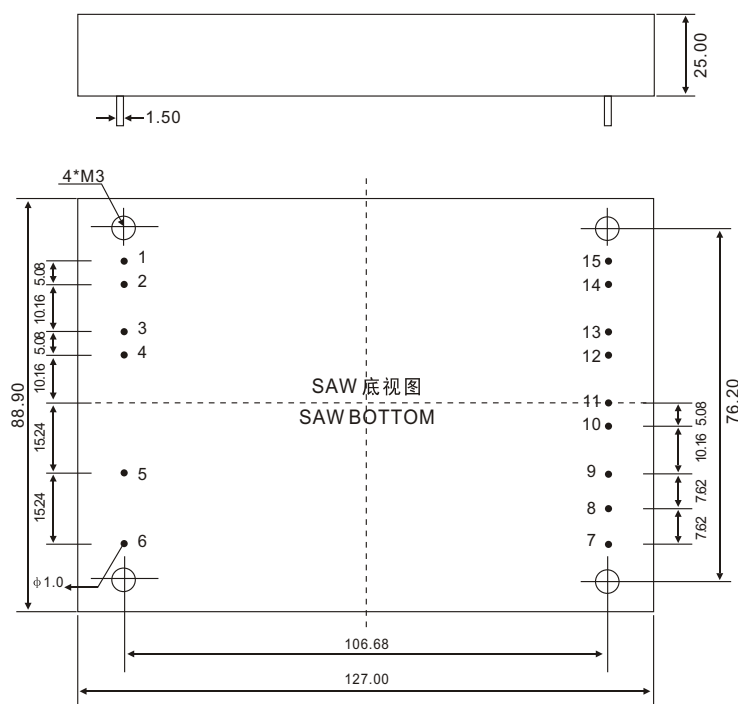
型号 Models

型号 Models	输入电压(Vdc) Input voltage		输入电压(范围) Input voltage(Range)	输出电压(Vdc) output voltage	输出电流(A) output current	纹波pk-pk(mv) Ripple and noise	效率(Typ) Efficiency
SAW150-220S12	双 路 Dual	220	85-264	12	12.5	120	86%
SAW150-220S27		220	85-264	27	5.56	200	85%
SAW75-220D15&15	单 路 Single	220	85-264	15/15	2.5/2.5	150/150	84%
SAW75-220D05%12		220	85-264	5/12	5/4.2	50/120	82%
SAW75-220D12&12		220	85-264	12/12	3.12/3.12	120/120	84%

说明：仅列出典型型号，其它型号，请确定功率、输入电压及输出电压，致电我公司。

Only typical models listed . Lf you need other model,please conform the power,input voltage and output voltage,then phone us.

外型尺寸图与引脚定义 Mechanical drawing and pin definition



单位(Unit): mm

引脚 PIN	单路 SING	双路 Dual
1	AC	AC
2	NC	NC
3	NC	NC
4	AC	AC
5	Gr.	Gr.
6	NC	NC
7	-SENSE	-SENSE
8	TRIM	TRIM
9	+SENSE	+SENSE
10	NC	Vo2
11	NC	Vo2
12	-Vo	GND
13	-Vo	GND
14	+Vo	Vo1
15	+Vo	Vo1