



MAC Series (2.5~3W) 宽电压隔离系列

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
- 引出脚功能兼容 Pin function compatible
- 输出短路保护 Output short circuit protection
- 快速动态响应 Fast dynamic response
- 体积小, 单双路输出 Small form factor, single double output



输入特性 Input Characteristic

电压范围 (Voltage Range)	220VAC (额定值)	85~265VAC 100~370VDC
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输出特性 Output Characteristic

电压精度 (Voltage Set-point Accuracy)	Vo1: $\pm 1\%$ 、Vo2: $\pm 3\%$	温度系数 (Temperature Coefficient)	$\pm 0.02\%/^{\circ}\text{C}$
电压调整率 (Line Regulation)	$\pm 1\%$	电流限制点 (Output Current Limiting)	120%(Typ)
负载调整率 (Load Regulation)	$<0.5\%$	响应速度 (Dynamic Response)	400 μs

一般特性 General Characteristic

工作频率 (Switching Frequency)	40~60 KHz	环境特性(Environmental Characteristics)
绝缘电阻(Isolation Resistance)	200 M Ω	工作壳温(Case Temperature)
MTBF	>500000 H	工业品(Industry) -25 $^{\circ}\text{C}$ ~ +60 $^{\circ}\text{C}$
绝缘强度(Isolation Voltage)		军品I(Military I) -40 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$
输入-输出(Input-Output)	$>2000\text{VAC}/1\text{min}$ (漏电流 $<5\text{mA}$)	存储温度(Storage Temperature)
输入-外壳(Input-Case)	$>2000\text{VAC}/1\text{min}$ (漏电流 $<5\text{mA}$)	工业品(Industry) -45 $^{\circ}\text{C}$ ~ +105 $^{\circ}\text{C}$
输出-外壳(Output-Case)	$>500\text{VDC}/1\text{min}$	军品I(Military I) -55 $^{\circ}\text{C}$ ~ +105 $^{\circ}\text{C}$

型号 Models

型号 Models	输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
MAC2.5-S05WE	220	85~265 (100~370VDC)	5	0.5	70	79%
MAC2.5-S12WE			12	0.208	120	82%
MAC2.5-S15WE			15	0.17	150	83%
MAC2.5-S24WE			24	0.104	200	85%
MAC3-S05WE			5	0.6	70	86%
MAC3-S12WE			12	0.25	120	79%
MAC3-S15WE			15	0.2	150	83%
MAC3-S24WE			24	0.125	200	83%

AC-DC 插针式电源模块系列

型号 Models	输入电压(Vac) Input voltage	输入电压范围(Vac) Input voltage range	输出电压(Vdc) Output voltage	输出电流(A) Output current	纹波(mv) Ripple and noise	效率(Typ) Efficiency
MAC2.5-D05WE	220	85~265 (100~370VDC)	± 5	± 0.25	70/70	79%
MAC2.5-D12WE			± 12	± 0.104	120/120	82%
MAC2.5-D15WE			± 15	± 0.083	150/150	83%
MAC2.5-D24WE			± 24	± 0.052	200/200	87%
MAC3-D05WE			± 5	± 0.3	70/70	86%
MAC3-D12WE			± 12	± 0.125	120/120	79%
MAC3-D15WE			± 15	± 0.1	150/150	83%
MAC3-D24WE			± 24	± 0.0625	200/200	83%
MAC3-S5S12WEI	220	85~265 (100~370VDC)	5/12	0.4/0.1	50/120	79%
MAC3-S5S5WEI			5/5	0.4/0.2	50/50	82%

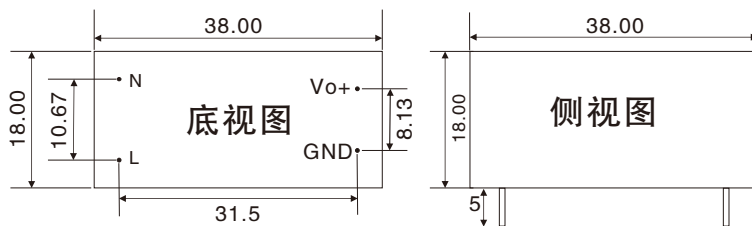
说明：仅列出典型型号，其他型号，请确定功率、输入电压及输出电压，致电我公司0571-88915820

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

外形尺寸及引脚定义(单位mm) Mechanical drawing and pin definition

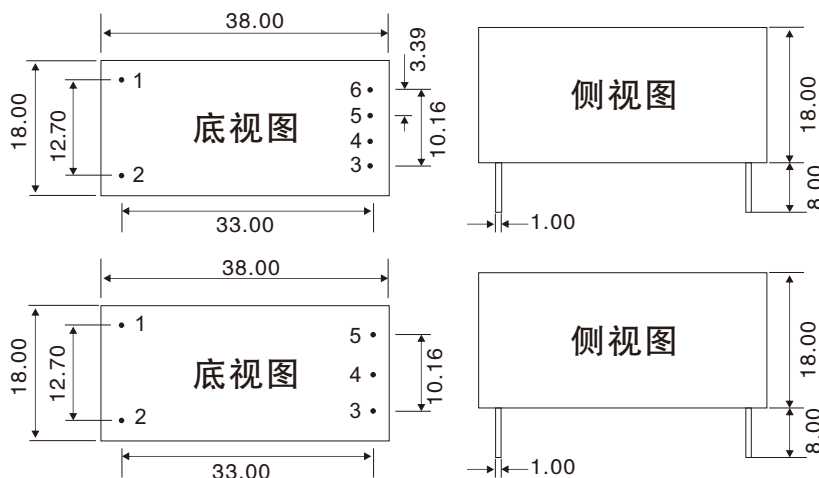
MAC(2.5~3W)尺寸： 38×18×18mm

尺寸一：



引脚	单路
1	N
2	L
3	Vo+
4	GND

尺寸二：



引脚	单路	双路隔离	双路共地
1	L	L	L
2	N	N	N
3	GND	GND2	-Vo2
4	NC	Vo2+	COM
5	NC	GND1	Vo1+
6	Vo+	Vo1+	NC