

厦门赛特勒磁电有限公司/ Xiamen Zettler Magnetics Co., Ltd.

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承认书/Specification for approval

客户名称/ Customer: _____

产品类型/Description: Seal switching power module

客户名/Customer p/n: _____

项目号/Project number: _____

产品品名/ZETTLER p/n: AP02S1200WE

版本标识/ Revision: A0

页码标识/Page No. : page 1 of 3

编制日期/Draft date : 2018/5/4

编制/Drafted	审核/Checked	批准/Approved
肖迪	李海彬	谢先智

客户承认/Approved by Customer : _____

友情提示:请在签字确认后,按封面的传真号码回传给赛特勒磁电有限公司.如无回传,则视为默认,后续的相关订单将以按本承认书的规定为技术要求.

Friendly Reminder: Please help to sign this Spec when approve , and fax to our company .
Or else, we will consider you have accepted it and make future order based on this Spec.



A0	2018/5/4	First Made	LAB
版本/Rev.	日期/Date	变更内容描述/Description	承认/Approved

承认书 / SPECIFICATIONS FOR APPROVAL

CUSTOMER:

Customer p/n:

ZETTLER P/N: AP02S1200WE

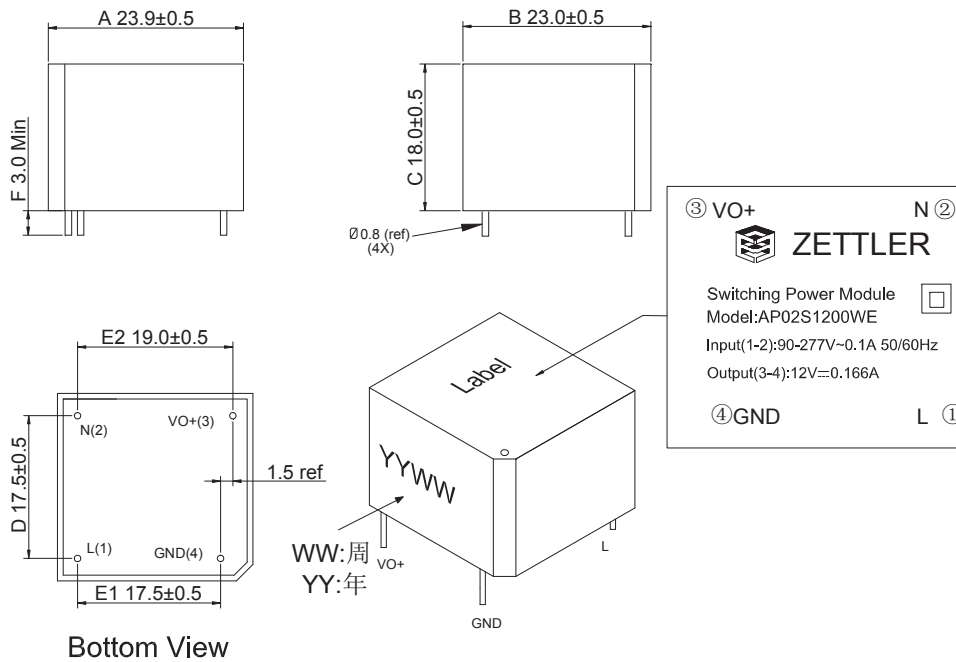
DATE:2018/5/4

VER. :A0

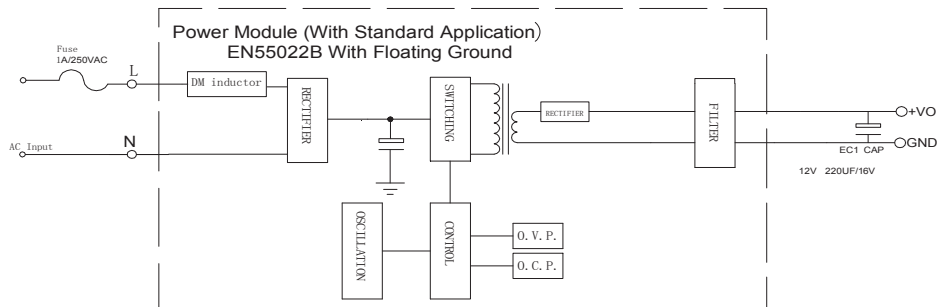
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1.OUTLINE DRAWING:

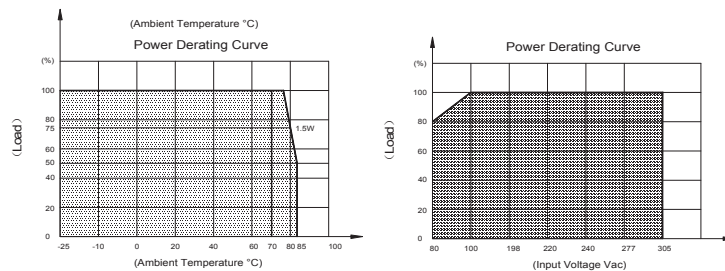
UNIT:mm



2.SCHEMATIC:



3.DERATING:



4.ELECTRICAL SPECIFICATION:

ITEM 项目	FULL LOAD POWER 负载功耗(W)		LOSS POWER 空载损耗(W)	OUTPUT VOLTAGE 输出电压(VDC)		OVER POWER PROTECTION 过流保护	SHORT CIRCUIT PROTECTION 短路保护	HI-POT VOLTAGE 耐压
CONDITION 测试条件	Input: 90V 60Hz	Input: 277V 50Hz	Input: 90V/60Hz 277V/50Hz	Input: 90V/60Hz 277V/50Hz		Input: 90V/60Hz 277V/50Hz	277V 50Hz	4. 2KVdc/2s
TERMINAL 端子	1--2	1--2	1--2	3--4		3--4	3--4	P--S
				0A	0.166A	Full Load		
STANDARD 要求	4W MAX	4W MAX	0.15W MAX	12±5%	12±5%	≤0.4A	Hiccup mode	5mA Max

承认书 / SPECIFICATIONS FOR APPROVAL

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4.ELECTRICAL SPECIFICATIONS:

Model No. (Dual Output)		AP02S1200WE
Max Output Wattage (W)		2W
Input	Rate Voltage	90-277VAC
	Voltage Range	80-305 VAC
	Frequency (Hz)	47-63 Hz
	POWER LOSS (Full load)	4W Max
	Inrush Current (<500us)	15A max. (100 VAC) / 25 A max. (240 VAC) (Extra Fuse Resistance FRT1W18RK)
	No Load Losses	0.15W Max
	Leakage Current	0.2mA MAX
	Fuse	Extra Outside Power Module (Fuse Resistance FRT1W18RK Recommend)
Output	Voltage 1 (V.DC.)	12V
	Voltage 1 Accuracy (At Full Load)	±5%
	Current	0.166A
	Line Regulation (LL-HL) (typ.)	5%
	Load Regulation (0-100%) (typ.)	5%
	Ripple+Noise(AT 110VAC and 220VAC)	<5% Output Voltage max (Vp-p)
	Efficiency(Typ)	70% (AT 230VAC Input , Full Load Output)
	Hold-up Time	10 ms min.
Protection	Over Power Protection	Hiccup mode
	Over Voltage Protection	Hiccup mode
	Short Circuit Protection	Hiccup mode
Insulation	Input vs Output (V.AC)	3600V/50Hz 5mA 1min (OR 4200VDC/2S)
Environment	Operating Temperature	-25° C---+85° C (Refer to Power Derating)
	Storage Temperature	-40° C---+105° C
	Temperature Coefficient	±0.02%/° C
	Humidity	20-95% RH
	MTBF	>300,000 h @ 25° C (MIL-HDBK-217F)
Physical	Dimension (L x W x H)	0.91 x 0.87 x0.59 Inches (23.9x 23 x18 mm) Ref
	Case Material	Plastic resin with Fiberglass (flammability to UL 94V-0)
	Weight	15g
	Cooling Method	Free air convection
Safety		Refer to IEC60950-1/EN60950-1, IEC61558-1/EN61558-1, EN61558-2-6, EN61558-2-17
EMC	EMI (Conducted & Radiated Emission)	Compliance With EN 55022 Class B
	EMS (Noise Immunity)	Compliance With EN 55024, EN55014-1, EN55014-2, EN61000-3-2 Class A, EN61000-3-3