

SPECIFICATION

AC/AC Linear Wallmount Adapter

**120VAC Input
40W 18VAC 2.2A Output**

P/N: LA180022HK-US

****Specification Approval****

This specification (total 5 pages including cover page) is approved in it's entirety by:

Company Name

Print Name

Signature

Date



Santa Clara, CA 95054
Tel: 408-980-9813
Fax: 408-980-8626
infor@topmicro.com
www.topmicro.com
101811V.A

CORE TYPE: EI- 57

1. SURFACE :damage,rusting,foam not permitted.
2. STRAIN RELIEF TEST: 20LBS for 60 seconds in any direction.
3. CHARACTERISTICS:

3.1 PRIMARY RATED VOLT AGE & LINE FREQUENCY: 120 VAC 60 Hz.

3.1.1 EXCITING CURRENT(Io): 110 mA MAX.At primary rated voltage.

3.2 SECONDARY RATED VOLTAGE AND CURRENT:

RATED VOLTAGE	RATED CURRENT	NO LOAD VOLTAGE
AC 18V±5%	AC 2220mA	AC 19.7V±5%

3.3 HI-POT TEST: Shall withstand without breakdown 1.25KV 60Hz for one minute between blades and output plug and case.At an alternative potentials 20% higher may be applied for one second (sensitivity current: 1mA).

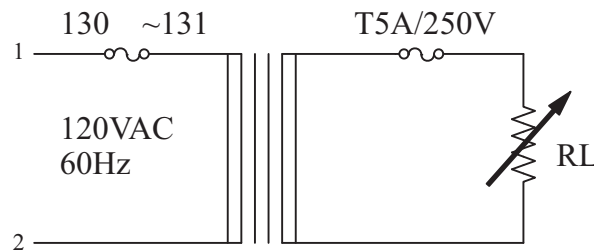
3.4 INSULATION TEST : 500VDC 100megaohm min. between blades and output plug and case.

3.5 TEMPERATURE RISE : 95 Max. (at 25) with load show on th e circuit.

3.6 APPROVAL STANDARD: UL1310

3.7 The adaptor meet requirement of lead free and RoHS.

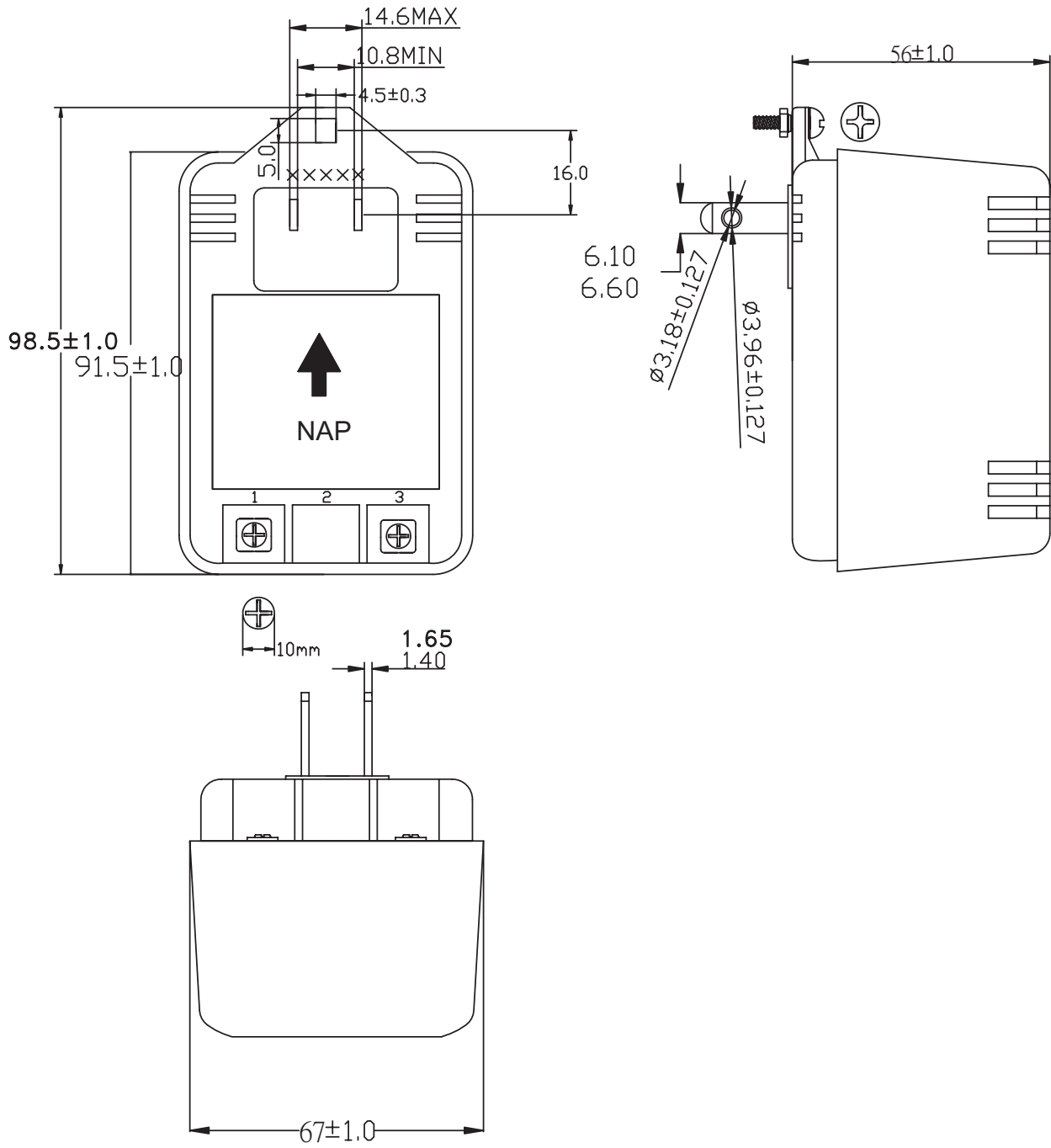
4. CIRCUIT DIAGRAM:



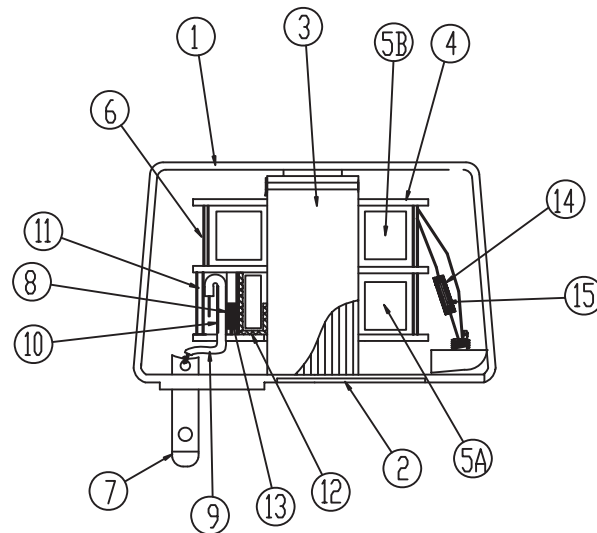
5. APPENDIX: Overall drawing , illustration , material list , nameplate and inner box drawing.

6. MECHANICAL DRAWING

UNIT: mm



7. COMPONENT LIST



NO.	Description	Material	Spec	Manufacturer
1	ENCLOSURE	NORYL	PX1005X or SE1	SABIC INNOVATIVE PLASTICS JAPAN LLC(E207780) or Equ.
2	NAME PLATE	TKSMI # 200	0.2mm	Ehoung Nameplate Co., Ltd. SHENZHEN ZHIDAMEI PRINTING PACK CO.,LTD.(MH26755)
3	CORE	Silicon Steel		Nippon Steel Corporation Jfe Steel Corporation. or Equ.
4	BOBBIN	PA66	101L(FI)+,V-2,130	EI Dupont DE Nemours & Co.,INC.(E41938) or Equ.
5	(A)PRIMARY WINDING (B)SECONDARY WINDING	Polyurethane Enamelled Copper Wire	2UEW	FENG CHING METAL CORP (E172395) TA YA ELECTRIC WIRE & CABLE CO LTD(E84201) SHENZHEN DAYANG INDUSTRY CO LTD(E176101) HUIYANG GOLDEN OCEAN MAGNET WIRE (E225143) or Equ.
6	SECONDARY WRAP	Polyester Tape	0.05mm X 2 Turns	YAHUA ADHESIVE TAPE CO LTD (E165111) CHYUN YIH TAPE CO LTD (E81174) DUCK SUNG HITECH CO LTD (E105147) NITTO DENKO CORP (E34833) or Equ.
7	INPUT BLADES	Nickel Plated Copper	1.5mm	Shin Chuan Tun Enterprise Co.,Ltd. Spread Profit Co.,Ltd. or Equ.
8	PRIMARY WRAP	(1)Polyester Tape (2)Press Board	(1)0.05mm X 2 Turns (2)0.50mm X 1 Layer	SAME AS ITEM 6 Mikitokushu Paper Mfc. Co.,Ltd.(JIS:C-2305)
9	PRIMARY LEAD WIRE	UL1015	AWG#22	SHENZHEN DONG JU WIRE & CABLE CO LTD (E189674) REI HSING WIRE CO LTD (E108485) DONGGUAN GUNEETAL WIRE & CABLE CO LTD(E204204) PACIFIC ELECTRIC WIRE & CABLE CO LTD (E41396) Lu Chiang Electric Wire & Cable Industrial Co Ltd (E72332) or Equ.
10	PRIMARY LEAD WIRE FIXED	(1)Polyester Tape (2)PVC	(1)0.05mm X 2 Turns (2)0.40mm X 1 Layer	SAME AS ITEM 6 NAN YA PLASTICS CORP(E98658) SUNITOMO BAKELITE CO LTD(E41429) or Equ.
11	PRIMARY OUTER WRAP	(1)Polyester Tape (2)Press Board	(1)0.05mm X 2 Turns (2)0.50mm X 1 Layer	SAME AS ITEM 6 Mikitokushu Paper Mfc. Co.,Ltd.(JIS:C-2305)
12	PRIMARY CROSSOVER	Acetate Cloth Tape	0.36mm X 1 Layer	Chyun Yih Tape Co.,Ltd.(E81174) Duck Sung Hitech Co.,Ltd.(E105147) or Equ.
13	THERMAL PROTECTOR	Thermal Cutoff	F4 130 P4-1A-F 130 A4-1A-F 130 SM125B1 131	XIAMEN SET ELECTRONIS CO.,LTD.(E214712) AUPO ELECTRONICS CO.,LTD.(E140847) AUPO ELECTRONICS CO.,LTD.(E140847) Nec Schott Components Corp(E71747) or Equ.
14	HEAT SHRINKABLE TUBING		4φx20mmX1P	SHENZHEN CHANGYUAN ELECTRONIC MATERIAL CO., LTD.(E180908) SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD(E203905) or Equ.
15	CURRENT FUSE		5A/250V(Slow acting)	XC ELECTRONICS(SHENZHEN) CORP LTD(E249609) WALTER ELECTRONIC CO.,LTD(E56092) or Equ.

8. LABEL

