

DATE: 2009/3/20 (YY/MM/DD)

Customer :

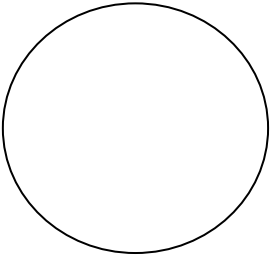
APPROVAL SHEET
RoHS Compliant

PRODUCT: AC SWITCH POWER
MODEL: UOP310-1210
PART NO. UKR006-43 (SW3315)
V : 090320

Receiver's stamp or signature

PLEASE APPROVE & RETURN BEFORE 2009/4/3

DAVID	MELINDA	TULIP



		、 DELETE TEST REPORT FORM 、 ADD CE TEST REPORT	MELINDA	TULIP
			MELINDA	TULIP
			MELINDA	TULIP

[illegible]

1.INPUT SPECIFICATION

2.OUTPUT SPECIFICATION

3.MECHANICAL

4.RELIABILITY

5.ENVIRONMENT

6.OUTLOOKING

7.SAFETY

8.QC CHECK

9.DIMENSION

10.PACKING

11. LABEL

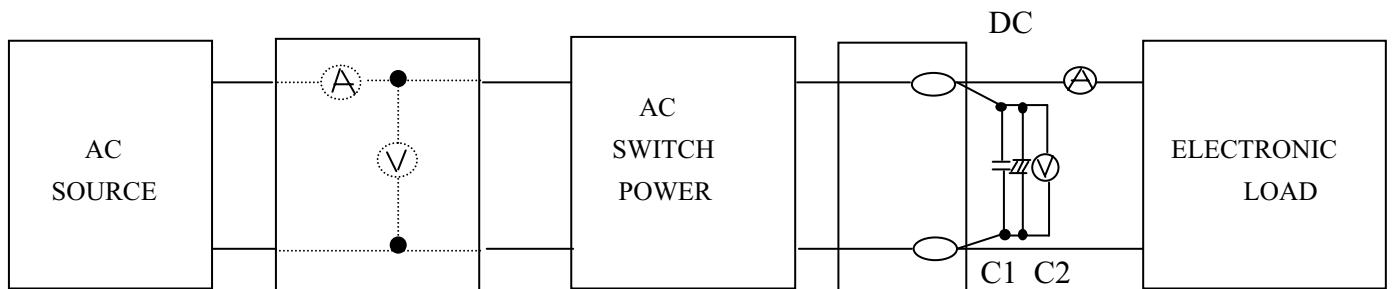
1.INPUT SPECIFICATION

ITEM	SPECIFICATION	MIN	TYPICAL	MAX
AC INPUT VOLTAGE	SINGLE PHASE	100Vac		240Vac
AC INPUT VOLTAGE RANGE	SINGLE PHASE	90Vac		264Vac
AC INPUT FREQUENCY	SINGLE PHASE	47Hz	50/60Hz	63Hz
AC INPUT CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.		280mA	340mA
AC INRUSH CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD , 25°C.		20A	30A
EFFICIENCY	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD		75%	
LEAKAGE CURRENT	TYPICAL INPUT VOLTAGE& OUTPUT AT FULL LOAD.			0.25mA

2.OUTPUT SPECIFICATION

ITEM	SPECIFICATION	MIN	TYPICAL	MAX
NOMINAL DC OUTPUT VOLTAGE			12Vdc	
DC OUTPUT VOLTAGE RANGE	TYPICAL OUTPUT VOLTAGE $\pm 5\%$	11.4V		12.6V
LOAD CURRENT		0.0A		1A
RIPPLE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25°C			120mV
NOISE	TYPICAL INPUT VOLTAGE , TYPICAL LOAD CURRENT , 25°C			240mV
HOLD-UP TIME	AT TYPICAL INPUT VOLTAGE AND FULL LOAD ,50Hz	10mS		
TURN-ON DELAY	TYPICAL INPUT VOLTAGE AND TYPICAL LOAD CURRENT			2S
OVER CURRENT PROTECTION	AUTO RECOVERY			
SHORT CIRCUIT PROTECTION	THE SWITCH POWER SHALL NOT DAMAGE BY SHORT TO THE DC OUTPUT GROUND			
OVER VOLTAGE PROTECTION				19.5V

*TEST MEASURES



C1: 0.1 μ F CERAMICS CAPACITOR
C2: 10 μ 50V ALUMINUM CAPACITOR

3.MECHANICAL

ITEM	SPECIFICATION OR TEST CONDITION	ACCEPTANCE CRITERIA
VIBRATION	DURATION: 30 MINUTES AMPLITUDE: 0.35mm FREQUENCY RANGE: 10 Hz...55 Hz...10 Hz SWEEP RANGE: APPROXIMATELY 1 OCTAVE / MIN	THERE SHALL BE NO ABNORMALITY ON THE APPEARANCE STRUCTURE AND OPERATING

4.RELIABILITY

ITEM	TEST CONDITION	ACCEPTANCE CRITERIA
HI-POT TEST	BETWEEN INPUT & OUTPUT 3000Vac 60 SECONDS 10mA IT IS BASE ON EN60950 5.2.2 TEST PROCEDURE. FOR MASS PRODUCTION, IT IS TESTED BY 3.3KV/1 SECOND.	NO DAMAGE
INSULATION RESISTANCE	INPUT TO OUTPUT ,DC 500V	>100MΩ
BURN-IN TEST	AT 30°C (±10°C),TYPICAL INPUT VOLTAGE	2~4 HOURS

5.ENVIRONMENT

ITEM	SPECIFICATION OR TEST CONDITION	MIN	TYPICAL	MAX
OPERATING TEMPERATURE		0°C		50°C
STORAGE TEMPERATURE		-20°C		85°C
OPERATING HUMIDITY	NON-CONDENSING	5%RH		95%RH
STORAGE HUMIDITY	NON-CONDENSING	5%RH		95%RH

6.OUTLOOKING

DIMENSION :55(L)×42.8(W)×21(H)mm typ
 WEIGHT :ABOUT 40g

7.SAFETY

COMPLY SAFETY STANDARDS	STANDARD	FILE NO.

Manufacturer: PowerPax (SHEN ZHEN) CO., LTD.

Factory Address: #E, Industrial Area of Long Men, Da Tian Yang, Song Gang Town, Baoan, Shen Zhen, China.

EMI
VCCI class B , FCC class B , CISPR 22 class B

8.QC CHECK

ALL OF THE QUANTITY SHALL BE CHECKED BEFORE SHIPMENT,CHECK ITEM AS BELOW:

- (1)DC PLUG POLE CHECK
- (2)OCP FUNCTION CHECK
- (3)DC OUTPUT VOLTAGE CHECK
- (4)HI-POT&INSULATION CHECK
- (5)OUTLOOKING CHECK

STANDARD OF RoHS

NO.	chemical substances group
1	Cadmium
2	Chromium(VI)
3	Lead
4	Mercury
5	Polybrominated biphenyls (PBBs)
6	Polybrominated diphenyl ethers(PBDEs)

FOR ENVIRONMENTAL IMPACT SUBSTANCES CONTAINED IN PARTS. COMPLY WITH "RoHS"

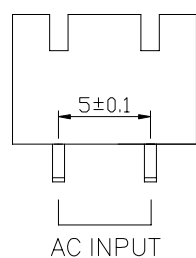
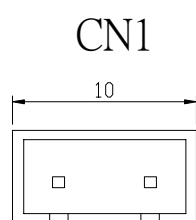
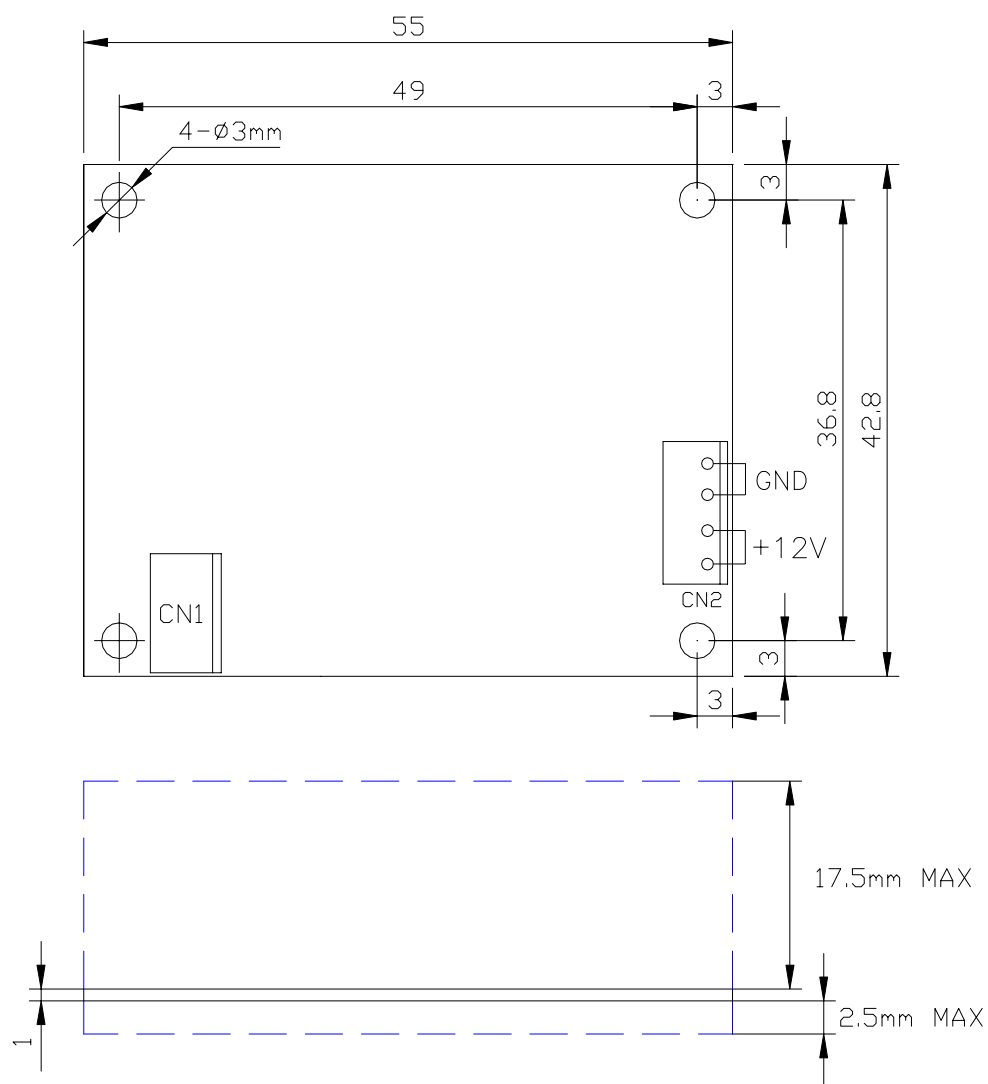
THE EUT HAS BEEN TESTED ACCORDING TO THE FOLLOWING SPECIFICATIONS:

EMISSION			
STANDARD	TEST TYPE	RESULT	REMARKS
EN 55022 : 1998+A1:2000+A2:2003	CONDUCTED TEST	MEET	MEETS CLASS B LIMIT
	RADIATED TEST	MEET	MEETS CLASS B LIMIT
EN61000-3-2: 2000,CLASS A	HARMONIC CURRENT EMISSIONS	MEET	MEETS CLASS A LIMIT
EN61000-3-3: 1995+A1:2001	VOLTAGE FLUCTUATIONS & FLICKER	MEET	MEET THE REQUIREMENTS.

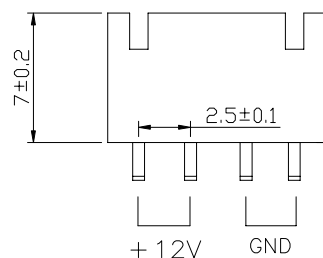
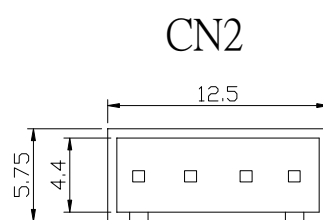
IMMUNITY(EN 55024:1998+A1:2001+A2:2003)			
STANDARD	TEST TYPE	RESULT	REMARKS
EN 61000-4-2: 1995+A1:1998+A2:2000	ELECTROSTATIC DISCHARGE IMMUNITY TEST	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-3: 2002+A1:2002	RADIATED,RADIO- FREQUENCY, ELECTROMAGNETIC FIELD IMMUNITY TEST	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-4:2004	ELECTRICAL FAST TRANSIENT / BURST IMMUNITY TEST.	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-5: 1995+A1:2000	SURGE IMMUNITY TEST	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-6: 1996+A1:2000	IMMUNITY TO CONDUCTED DISTURBANCES, INDUCED BY RADIO- FREQUENCY FIELDS	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-8: 1993+A1:2000	POWER FREQUENCY MAGNETIC FIELD IMMUNITY TEST.	MEET	MEETS THE REQUIREMENTS OF PERFORMANCE CRITERION A
EN 61000-4-11: 1994+A1:2000	VOLTAGE DIPS,SHORT INTERRUPTIONS AND VOLTAGE VARIATIONS IMMUNITY TESTS	MEET	MEETS THE REQUIREMENTS OF VOLTAGE DIPS: 1.>95% 0.5 CYCLE REDUCTION- PERFORMANCE CRITERION A 2. 30% 25 CYCLE REDUCTION- PERFORMANCE CRITERION A VOLTAGE INTERRUPTIONS: 1.>95% 250 CYCLE REDUCTION- PERFORMANCE CRITERION B

9.DIMENSION

TOLERANCE: $\pm 0.5\text{mm}$

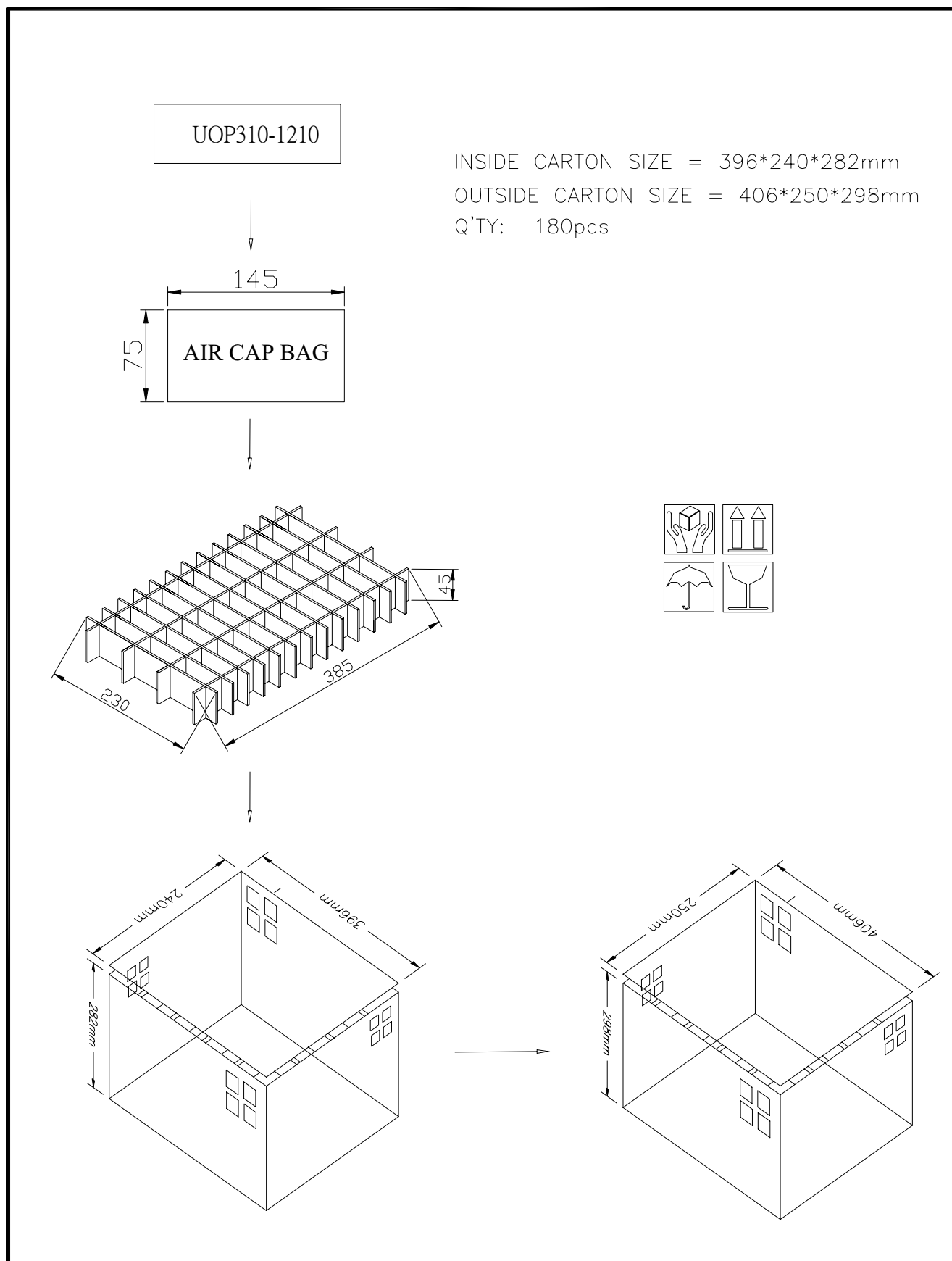


CN1:INPUT CONNECT
MODEL:JST B3B-XH-A
(THE EQUIVALENT)

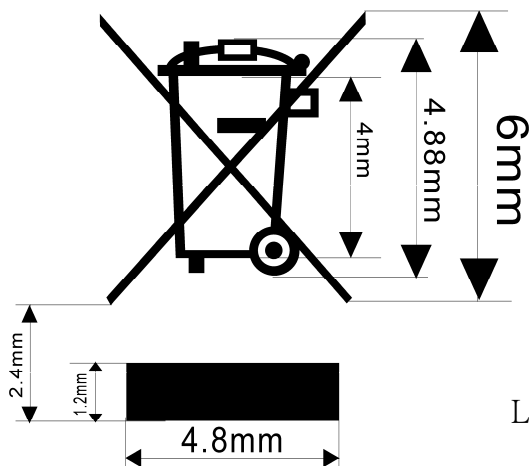
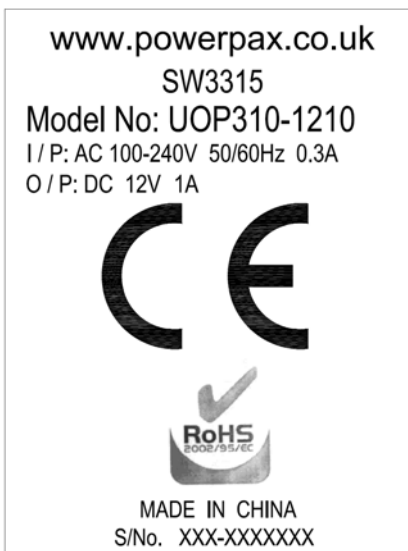
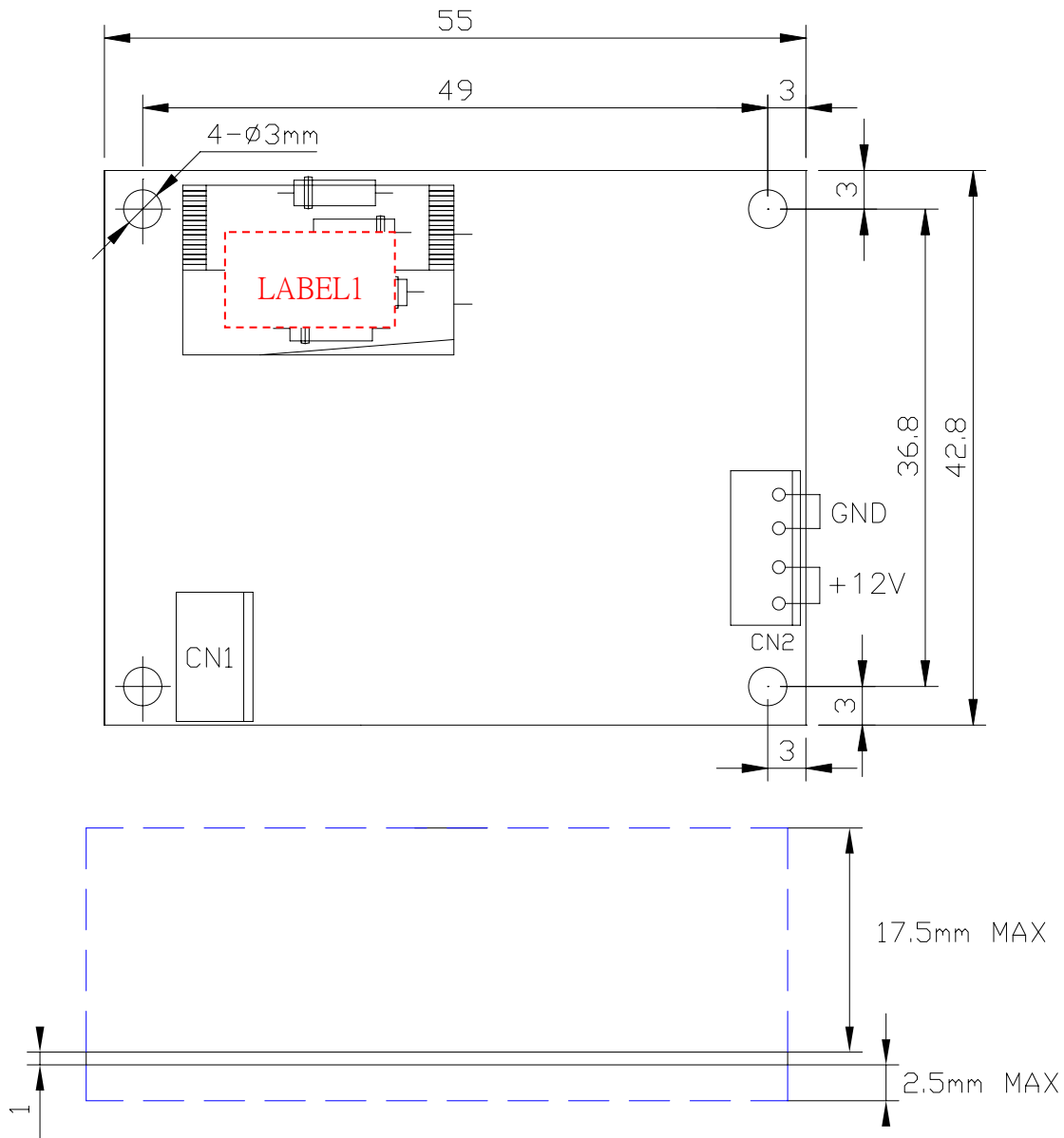


CN2:OUTPUT CONNECT
MODEL:JST B4B-XH-A
(THE EQUIVALENT)

10.PACKING



11. LABEL . (BLACK WORD ON SILVER BASE)



LABEL2 SHOULD STICKED C2A

LABEL1 : L = 18.9 mm
W = 14 mm

LABEL2 : L = 10.5mm
W = 8mm