



DATA DISPLAY GROUP

Datasheet

LSE9901B1260

12V/5A 60W Output Adapter

DB-07-227R1.1

The information contained in this document has been carefully researched and is, to the best of our knowledge, accurate. However, we assume no liability for any product failures or damages, immediate or consequential, resulting from the use of the information provided herein. Our products are not intended for use in systems in which failures of product could result in personal injury. All trademarks mentioned herein are property of their respective owners. All specifications are subject to change without notice.






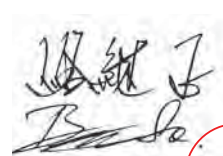

LITE-ON TECHNOLOGY CORP.

APPROVAL SHEET

CUSTOMER : Autotest
MODEL NO : LSE9901B1260
CUSTOMER NO : _____
PART NO : SLS9901G12087LF
ISSUE DATA : 2010/04/07

RESPONSIBILITY UNIT :

DC EXT.1860 R/D EXT.1818 SAFETY EXT.1821 QC EXT.1870
 Prepare By Candy Dai

Approved By	Design Engineer	Safety unit
 	謝坤男 kn Hsieh 	 

Customer Approved By : _____

LITE-ON TECHNOLOGY CORP

7, Lane 3, San Ho Rd, San-Shin Village Ta-Yuan Hsiang, Taoyuan Hsien,
Taiwan, R.O.C. TEL : (03)3831513 FAX : (03)3835738

SUZHOU LI SHIN ELECTRONIC CO.,LTD

NO.7, Jiulong Road, Economic Developing Area, Wu Jiang , Jiang Su, P.R. China.
TEL : (512)6343-5588 FAX : (512)6343-5699

規格書
Electrical Specification

Model No : LSE9901B1260

Description : 12V/5.0A 60W Output Adapter

Revision : B

Issued Date : 2010/04/08



力信興業股份有限公司
LI SHIN INTERNATIONAL ENTERPRISE CORP.

總公司：桃園縣大園鄉三石村三和路 3 巷 7 號（力信工業大樓）
7 Lane3, San Ho Rd, San-Shin Village, Ta-Yuan Hsing, Taoyuan Hsien, Taiwan, R.O.C.

Tel : (03)3831513(Rep.)

Fax : (03)3835738

Approve By	Check By	Prepared By
柳至龍	X	謝坤男



Change List			
ECN No	REV	Revision Description	Date
	0.1	Initial	2006/02/15
	B	Hi-pot test 1800Vac change to 1850Vac	2010/04/07



Contents

1. Description	4
2. Electrical.....	4
2.1 Input Voltage	4
2.2 Input Frequency	4
2.3 Input Current	4
2.4 Inrush Current	4
2.5 Hold-Up time	4
2.6 Input wattage.....	4
2.7 Efficiency.....	4
2.8 Safety Test	4
2.9 Output Voltage and Current.....	4
2.11 Ripple and Noise	4
2.12 Over-Shoot and under-shoot	5
2.13 Protection.....	5
2.14 LED Indication.....	5
2.15 Green light for Nominal operation. Blank or Flash for Protection mode. ...	5
2.16 Rise time	5
2.17 Temperature Coefficient	5
2.18 Transient Response	5
3. Environment	5
3.1 Temperature	5
3.2 Humidity	5
3.3 Altitude	5
4. EMC	5
4.1 EMS	6
4.2 EMI	6
5. Reliability	6
5.1 Life (for Electrolytic Capacitors).....	6
5.2 M.T.B.F.....	6
5.3 Temperature Rise.....	6
5.4 Burn-in	6
5.5 Vibration Test	6
5.6 Drop-Test	7
6. Mechanical	7



1. Description

This product is a AC to DC power transfer device, it can provide for a 60W single dc output with constant voltage source.

2. Electrical

2.1 Input Voltage

- a. 100 - 240Vac Nominal.
- b. 90 - 264Vac Universal.

2.2 Input Frequency

47- 63Hz.

2.3 Input Current

1.5A max. at 90Vac input & DC output at full-load.

2.4 Inrush Current

100A max. at cold-start & 25°C & DC output at Full-load and 230Vac input.

2.5 Hold-Up time

8msec min. at Full-load output and 100Vac input.

2.6 Input wattage

Less than **0.75W** at 240Vac input & no load condition.

2.7 Efficiency

75% min. at Full-load output and 100/230Vac input.

2.8 Safety Test

- a. Leakage current less than 0.75mA at 254Vac, 50Hz.
- b. Hi-Pot test : **1850Vac**, 10mA, 3Sec. between Primary to Secondary ground.
- c. Insulation : at dc 500Vdc, 2 Sec. between Primary to Secondary circuit, IR shall $\geq 20M\Omega$.

2.9 Output Voltage and Current

Vout	Range	Iout (min.)	Iout (max.)	Peak (XS)
12V	11.4 – 12.6V	0A	5A	-
		-	-	

2.11 Ripple and Noise

Low frequency ripple (< 100KHz) $\leq 150mV_{pp}$, and Total composite Ripple and Noise. Less than 150mVp-p, tested by dc loading side parallel with a 10uF/ELE. and 0.1uF/Ceramic. Capacitors and Measured Band Width set at 20MHz.

**2.12 Over-Shoot and under-shoot**

Less than 5% of nominal Voltage value.

2.13 Protection

a. SCP : Short circuit protection with auto-recovery function.

b. OVP : Over voltage protection with auto-recovery function.

Tripped voltage will be less than 18Vdc.

2.14 LED Indication

2.15 Green light for Nominal operation. Blank or Flash for Protection mode.

2.16 Rise time

Rise time shall be less than 30msec , it should be measured from 10% to 90% of the output voltage.

2.17 Temperature Coefficient

Less than 0.2% / °C

2.18 Transient Response

Dynamic load condition.

DC output	I ₁ (A)	I ₂ (A)	ΔVmax.(V)	Time-max.	dl/dT
12V	0.00	1.25	+/- 1.0V	10 msec.	50mA/usec.
12V	1.25	2.50	+/- 1.0V	10 msec.	50mA/usec.
12V	2.50	5.00	+/- 1.0V	10 msec.	50mA/usec.

50% of duty cycle.

3. Environment**3.1 Temperature**

a. Operation : 0 to 40 °C

b. Storage : -40 to 70 °C

3.2 Humidity

a. Operation : 20 to 80%

b. Storage : 10 to 90%

3.3 Altitude

From sea level to 2,000M (operation) and 40,000Ft (Non operation).

4. EMC



4.1 EMS

Test Item	Test Specification	IEC Standards
ESD	Contact +/- 8KV	61000-4-2
ESD	Air +/- 15KV	61000-4-2
RS	FR: 26MHz-1.0GHz, Field Strength: 3V/M	61000-4-3
EFT	+/- 2KV on AC power line.	61000-4-4
SURGE	+/- 1KV (DM) & +/- 2KV (CM)	61000-4-5
CS	3V/M	61000-4-6
DIPS	0% 250Cy, 40% 5 Cy, 70% 5Cy	61000-4-11

4.2 EMI

Standards	Specification
FCC	Part 15,class B
VCCI	Class B
CISPR	Part 22,class B

5. Reliability

5.1 Life (for Electrolytic Capacitors)

12,000 hours (8 hours/day x 300 days/year x 5 years)

At full load & 115/230 VAC input & ambient temperature at 25°C.

5.2 M.T.B.F.

60,000 Power On Hours at 25°C.

5.3 Temperature Rise.

Less than 45°C for both Top & Bottom case, under the test condition of nominal 100-240Vac input & DC output at full-load and ambient temperature at 25+/-1°C.

5.4 Burn-in

100% Burn-In with 80~100% of full-loading & 35~45°C Environment temperature.

5.5 Vibration Test

a. Non operation vibration with shipping container shall be 2G'S peak/7-50Hz, 4G'S /50-500Hz, there should be no any abnormal found after test.

b. Operation vibration shall be 0.5G'S peak/10-60Hz, 3 AXES, there should be no any abnormal found after test.



5.6 Drop-Test

Test height is 75cm, there should be no any abnormal found after drop test.

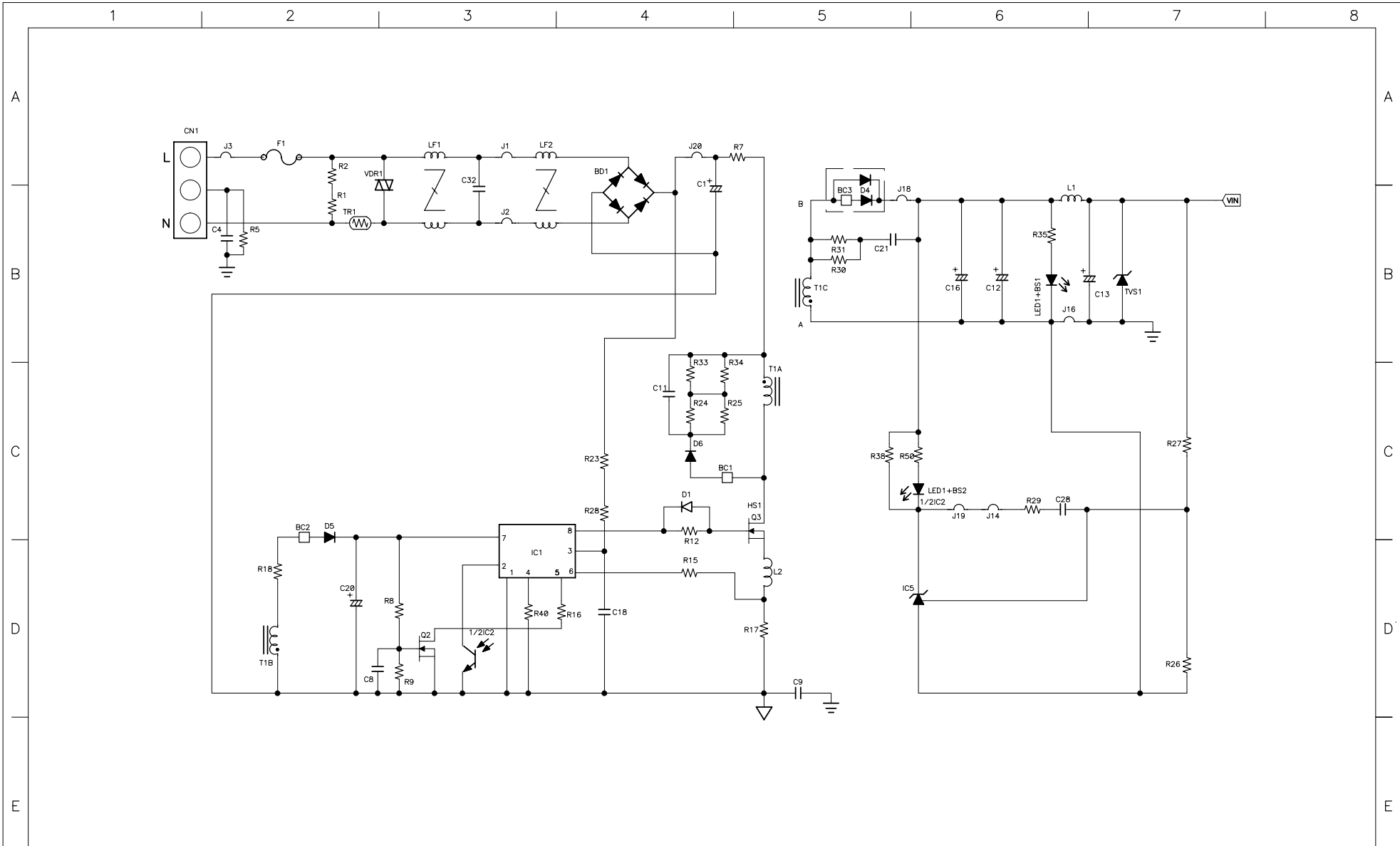
6. Mechanical

6.1 Plastic enclosure : With UL PC+ABS material GE LEXAN C2950 .

6.2 Physical Size : 110mm(L) * 64mm (W) * 31.5mm (H).

6.3 DC cord: **1500** mm, UL 1185, 18AWG wires and two pins direct angle dc jack plug.

6.4 Weight about 330g .




LI SHIN INTERNATIONAL ENTERPRISE CORPORATION
 力信興業股份有限公司

Approved: *[Signature]*
 Designed: *[Signature]*

DESCRIPTION:
 Material:

PART NO.:
 LSE-9901-XX

USED ON		DATE	APP

DO NOT SCALE
 UNITS: mm A4 SIZE

Drawn: FANG
 DATE: 95-10-13

Treatment:

SHEET: 1 OF 1
 DWG NO.: J9901BR01-1D(O)

REV.	DESCRIPTION	DATE	APP
A.1	ADD D1	18/13/95	

NOTES: UNLESS OTHERWISE SPECIFIED.

1. ALL DIMENSIONS ARE IN MM.
TOLERANCES TO BE ±0.5 MM.

2. PARTS SPECIFIED AS FOLLOWS:

2-1. ENCLOSURE:

- * MEET V-0 FLAMMABILITY.
- * COLOR: BLACK
- * TEXTURE: MQLDTECH MT11020.

2-2. AC INLET:

- * IEC 320, C14 CERTIFIED, 3 WAY.
- * COLOR: BLACK.

2-3. DC OUTPUT:

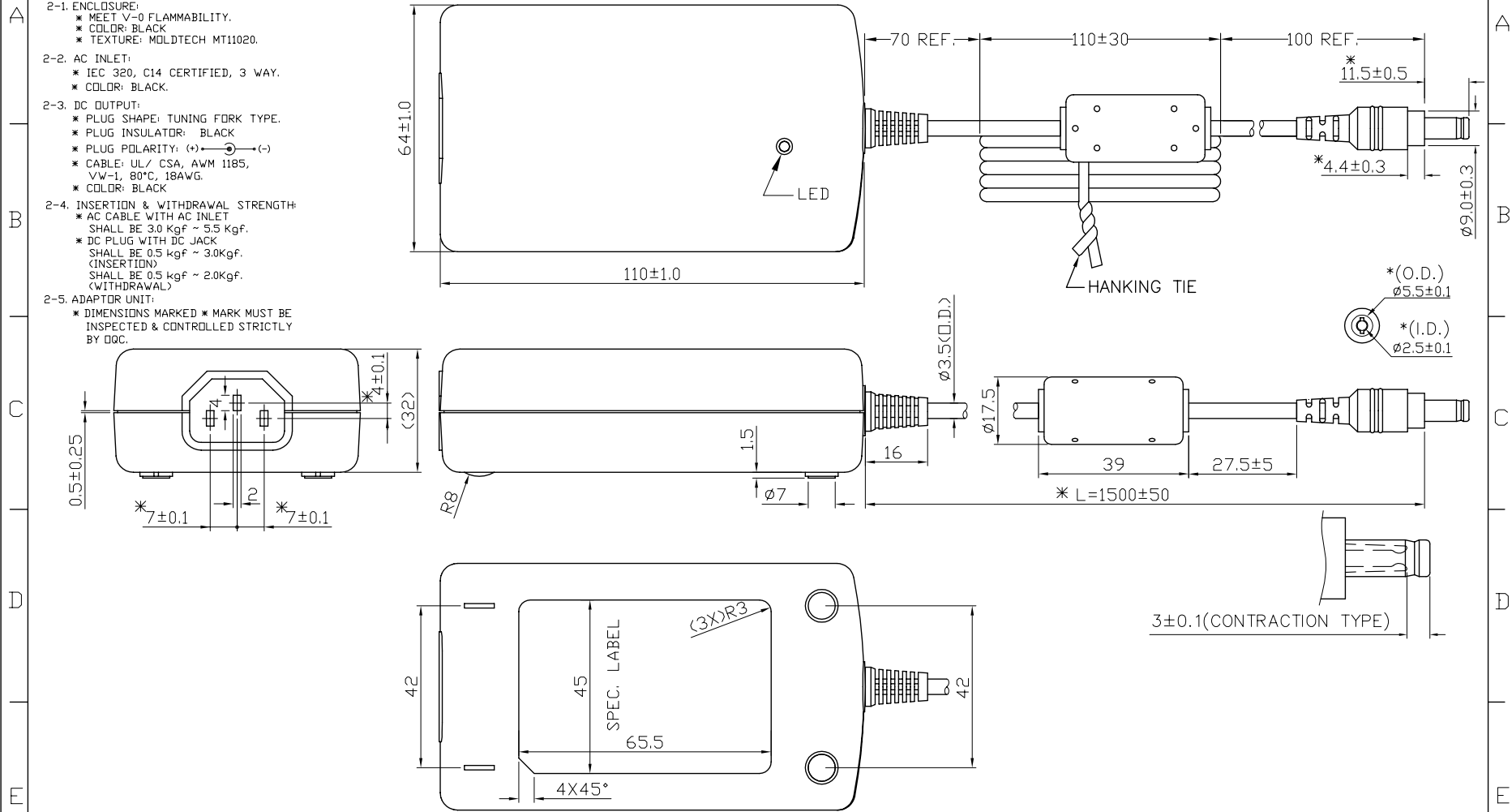
- * PLUG SHAPE: TUNING FORK TYPE.
- * PLUG INSULATOR: BLACK
- * PLUG POLARITY: (+) → (-)
- * CABLE: UL/ CSA, AVM 1185, VW-1, 80°C, 18AWG.
- * COLOR: BLACK

2-4. INSERTION & WITHDRAWAL STRENGTH:

- * AC CABLE WITH AC INLET SHALL BE 3.0 KgF ~ 5.5 KgF.
- * DC PLUG WITH DC JACK SHALL BE 0.5 kgf ~ 3.0kgf. (INSERTION)
- SHALL BE 0.5 kgf ~ 2.0kgf. (WITHDRAWAL)

2-5. ADAPTOR UNIT:

- * DIMENSIONS MARKED * MARK MUST BE INSPECTED & CONTROLLED STRICTLY BY IQC.



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION
力信興業股份有限公司

Approved: DANIEL LIU
Designed: ELAINE

DESCRIPTION: OUTLINE
PART NO.: SLS9901G12087LF

USED ON 9901G1260LF

DO NOT SCALE

Drawn: ELAINE

Material:

SHEET 1 OF 1 3D FILE



UNITS: mm A3 SIZE

DATE: FEB-15-2006

Treatment:

DWG NO. SLS9901G12087LF-DD REV. 0.1

REV.	DESCRIPTION	DATE	APP

1 2 3 4 5 6 7 8

NOTES: UNLESS OTHERWISE SPECIFIED.

- ALL DIMENSIONS ARE IN mm.
TOLERANCES TO BE ± 0.25 mm.
- THE ARRANGEMENT OF LAMINATE WITH MATERIAL THICKNESS AS FOLLOWS:
 - POLYESTER FILM(MAT) 0.025
 - ACRYLIC ADHESIVE 0.018
 - POLYESTER(#75) 0.075
 - K. K. #9 ADHESIVE 0.024
 GRAND TOTAL THK. 0.142 $\pm 10\%$

- THE LINES ARE 0.5 mm WIDE.
- COLOR: CHARACTERS, LOGOS AND LINES SHALL BE SILVER (PANTONE 877C), BASE TO BE BLACK (PANTONE BLACK C)
- APPROVED VENDOR MUST BE UL RECOGNIZED AND CSA CERTIFIED.
- THE LABEL SHALL BE MARKED WITH THE CSA VENDOR IDENTIFICATION MARK AS SPECIFIED IN THE CSA LIST (CM, CM-1, ...).
- SAFETY STANDARD ORGANIZATION IN SYMBOLS ARE 7.62MM TO 5.0MM HIGH.
- LETTERING SHOULD BE CLEAR-CUT, SURFACE TO BE FREE OF DEFECT.

LABEL SIZE:
65.0(L) x 44.5(W),
R3(3X), C4.3

LI SHIN INTERNATIONAL ENTERPRISE CORP.
AC ADAPTER 交流适配器/电源供应器

MODEL: 型号/型号: LSE9901B1260
INPUT: 输入/输入: 100-240V~, 50/60Hz 1.5A
OUTPUT: 输出/输出: 12V= 5.0A

WARNING: 注意: ⚠️
RISK OF ELECTRIC SHOCK DO NOT OPEN
For Indoor Use Only Nur für Innengebrauch
仅限资讯设备使用/仅限资讯设备使用

ADVERTENCIA:
RIESGO DE SHOCK ELÉCTRICO NO ABRA
Para uso interior solamente

TUV SUD GS N CE C UL US SP
LISTED 184275
E193430 LEVEL 3
I.T.E. POWER SUPPLY

RAM S D TV S FI 10 LPS Q04407
R43011 N136

MADE IN CHINA 中国制造/中国製造(L)
**

LI SHIN INTERNATIONAL ENTERPRISE CORP.
AC ADAPTER 交流适配器/电源供应器

MODEL: 型号/型号: LSE9901B1260
INPUT: 输入/输入: 100-240V~, 50/60Hz 1.5A
OUTPUT: 输出/输出: 12V= 5.0A

WARNING: 注意: ⚠️
RISK OF ELECTRIC SHOCK DO NOT OPEN
For Indoor Use Only Nur für Innengebrauch
仅限资讯设备使用/仅限资讯设备使用

ADVERTENCIA:
RIESGO DE SHOCK ELÉCTRICO NO ABRA
Para uso interior solamente

TUV SUD GS N CE C UL US SP
LISTED 184275
E193430 LEVEL 3
I.T.E. POWER SUPPLY

RAM S D TV S FI 10 LPS Q04407
R43011 N136

MADE IN CHINA 中国制造/中国製造(B)
**

SCALE: 2:1
DELIVER TO WJ FACTORY

SCALE: 2:1
DELIVER TO CA FACTORY

** 表製造廠商

REVISION	DESCRIPTION	DATE	ZONE	UNIT:mm	SCALE: _____	PRINTINGDATE	2007/09/06	FINALDATE	2009/12/08	ZDFILE	603731-B_9901G12420	DESIGNER	WINSION	APPROVED	Brian	LITEON	TITLE: LBL-ID	PARTNO.: (602731)93-M9901G12420DL1-ROHS	
												CHECKER	WINSION				PROJECT: SLS9901G12420LF	DRAWINGNO.: 393-602731	REV.: B

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN mm.

TOLERANCE TO BE $\pm 0.25\text{mm}$

2. THE ARRANGEMENT OF LAMINATE WITH MATERIAL THICKNESS AS FOLLOWS:

(白色特多龍)

① WHITE POLYESTER(#50) 0.050

② ACRYLIC ADHESIVE 0.028

GRAND TOTAL THK. 0.078 \pm 10%

3. BAR CODE(CODE128) SPECIFIED AS FOLLOWS:

(PRINTED BY LI SHIN)

1--FACTORY CODE, CHINA SU ZHOU(FORDGOOD)-->A2

CHINA SU ZHOU(LI SHIN)-->A3

2--A.D. THE END NUMBER OF PRODUCE YEAR,

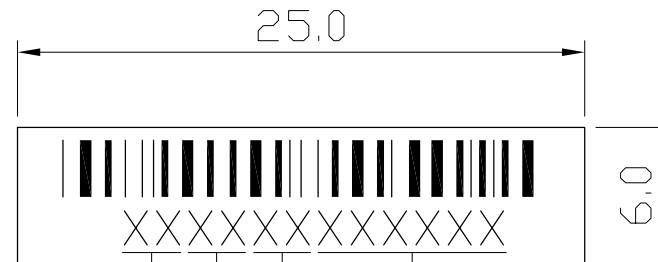
1995-->95, 1996-->96, 1997-->97, ...,

2000-->2K, ..., 3000-->3K

3--WEEK, PRODUCE WEEK. 01, 02, 03, ..., 52, ...

4--PRODUCE NO. SERIAL NO.

(MONTH RESET FROM 000001 TO 999999)



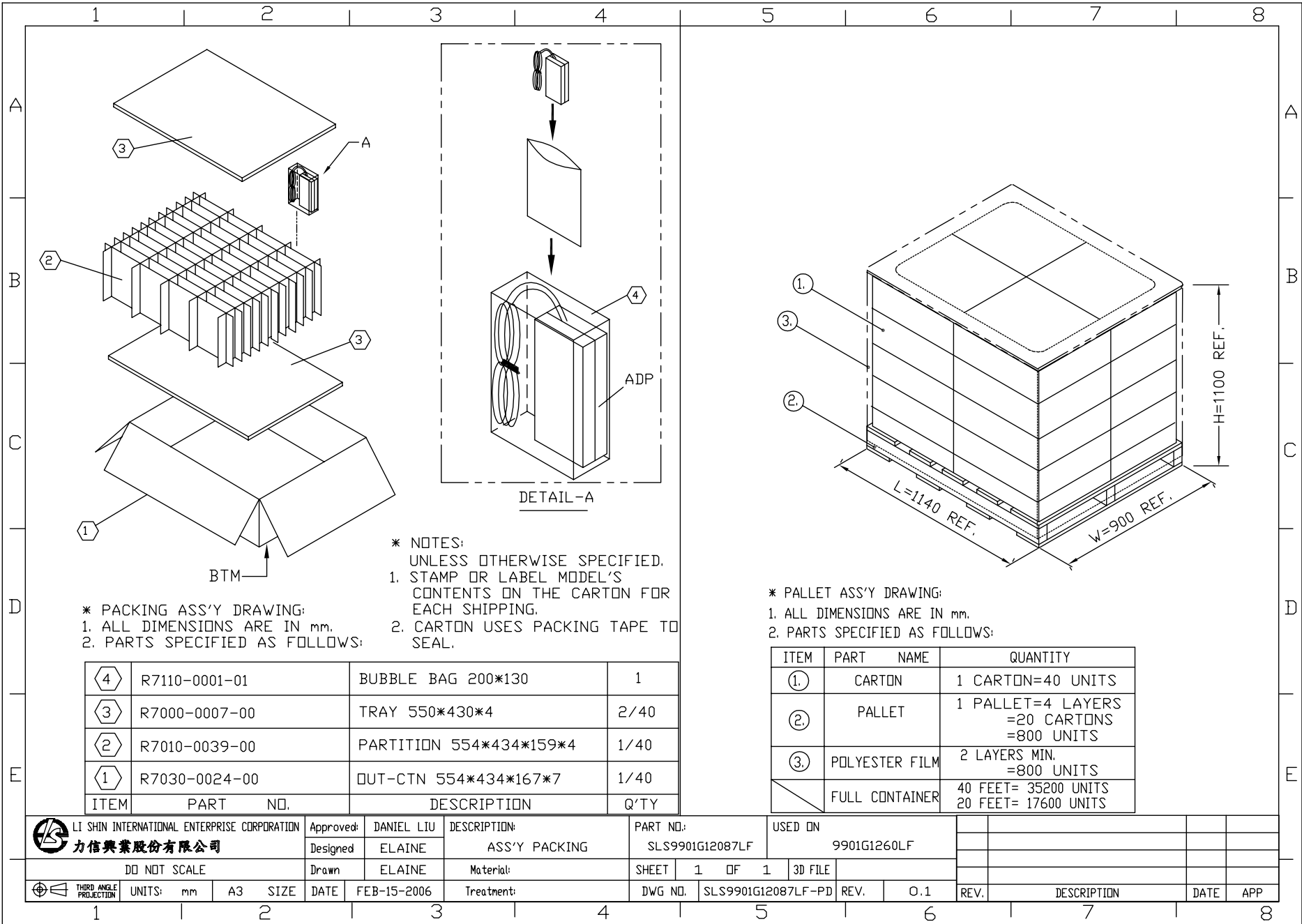
(2 CHARACTER) 1

(2 CHARACTER) 2

(2 CHARACTER) 3

(6 CHARACTER) 4

	LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司		Approved: EDDY SHEN	DESCRIPTION: NOTES FOR BAR CODE	PART NO.:	USED ON ALL MODEL					
	DO NOT SCALE		Designed: EDDY SHEN	Material:	SHEET 1 OF 1	3D FILE					
	UNITS: mm	A4 SIZE	Drawn: ELAINE	DATE: Dec-23-2002	Treatment:	DWG NO.: NS73-000005	REV.: 0.2		RENEW DESCRIPTION	0511'04	ELAINE
1	2	3	4	5	6	7	8				



* PACKING ASS'Y DRAWING:
 1. ALL DIMENSIONS ARE IN mm.
 2. PARTS SPECIFIED AS FOLLOWS:

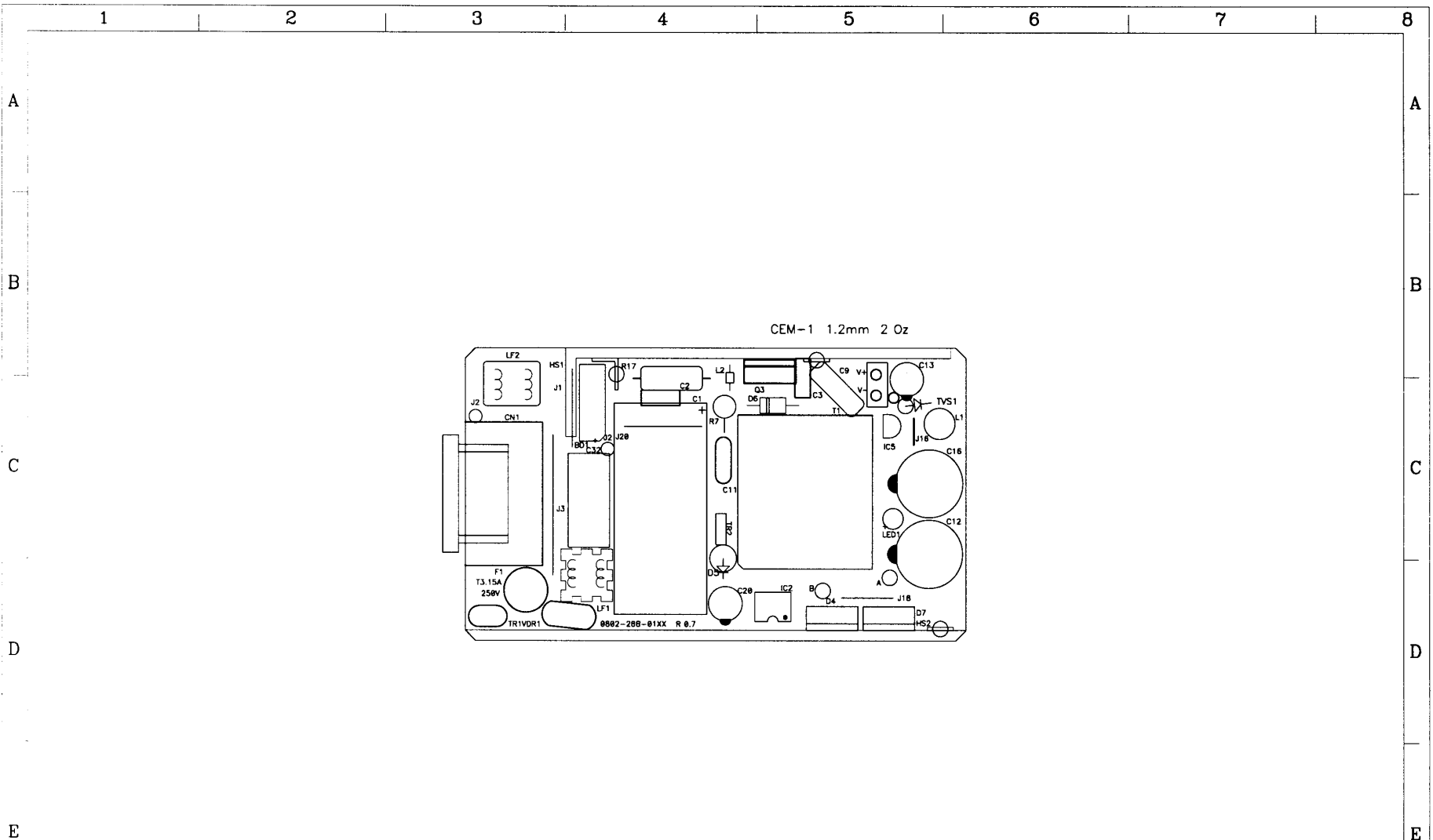
④	R7110-0001-01	BUBBLE BAG 200*130	1
③	R7000-0007-00	TRAY 550*430*4	2/40
②	R7010-0039-00	PARTITION 554*434*159*4	1/40
①	R7030-0024-00	OUT-CTN 554*434*167*7	1/40
ITEM	PART NO.	DESCRIPTION	Q'TY

* NOTES:
 UNLESS OTHERWISE SPECIFIED,
 1. STAMP OR LABEL MODEL'S CONTENTS ON THE CARTON FOR EACH SHIPPING.
 2. CARTON USES PACKING TAPE TO SEAL.

* PALLET ASS'Y DRAWING:
 1. ALL DIMENSIONS ARE IN mm.
 2. PARTS SPECIFIED AS FOLLOWS:

ITEM	PART NAME	QUANTITY
①	CARTON	1 CARTON=40 UNITS
②	PALLET	1 PALLET=4 LAYERS =20 CARTONS =800 UNITS
③	POLYESTER FILM	2 LAYERS MIN. =800 UNITS
	FULL CONTAINER	40 FEET= 35200 UNITS 20 FEET= 17600 UNITS

LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司	Approved:	DANIEL LIU	DESCRIPTION:	ASS'Y PACKING	PART NO.:	SLS9901G12087LF	USED ON:	9901G1260LF								
	Designed:	ELAINE														
	Drawn:	ELAINE	Material:		SHEET	1	OF	1	3D FILE							
THIRD ANGLE PROJECTION	UNITS:	mm	A3	SIZE	DATE	FEB-15-2006	Treatment:		DWG NO.	SLS9901G12087LF-PD	REV.	0.1	REV.	DESCRIPTION	DATE	APP



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION
力信興業股份有限公司

DO NOT SCALE

Approved: *[Signature]*
Designed: *[Signature]*
Drawn: FANG

DESCRIPTION: PCB
COMPONENT SLKSCR

Material:

PART NO.: R0802-2801-070

USED ON LSE-9901-XX

SHEET 1 OF 6

3D FILE

DWG NO. K9901B-01R07

REV. R 0.7

REV.	DESCRIPTION	DATE	APP
0.7	0.4 → 0.7 ADD D1白漆印刷 CHANGE DS SIZE	10/13/95	
0.6	變更DS尺寸及位置, 追加IC1 IC3白漆印刷	07/20/93	
0.5	變更銅箔厚度	05/18/93	
0.4	J3左移0.5mm, INLET 2.1x1.0 CHANGE 1.8x1.0	02/24/93	
0.3	CHANGE C20 PACH 2.5mm & LF1 1.00	11/17/92	

THIRD ANGLE PROJECTION

UNITS: mm A4 SIZE

DATE 95-10-13

Treatment: +/-0.20

1 2 3 4 5 6 7 8

A

A

B

B

C

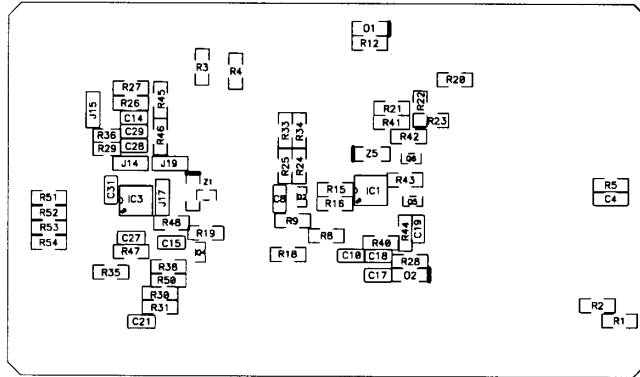
C

D

D

E

E



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION
力信興業股份有限公司

Approved: *張偉仁 2007/5/20*
Designed: *何正偉*
Drawn: FANG

DESCRIPTION: PCB
COMPONENT (SMD)

PART NO.: R0802-2801-070
USED ON: LSE-9901-XX

DO NOT SCALE
THIRD ANGLE PROJECTION

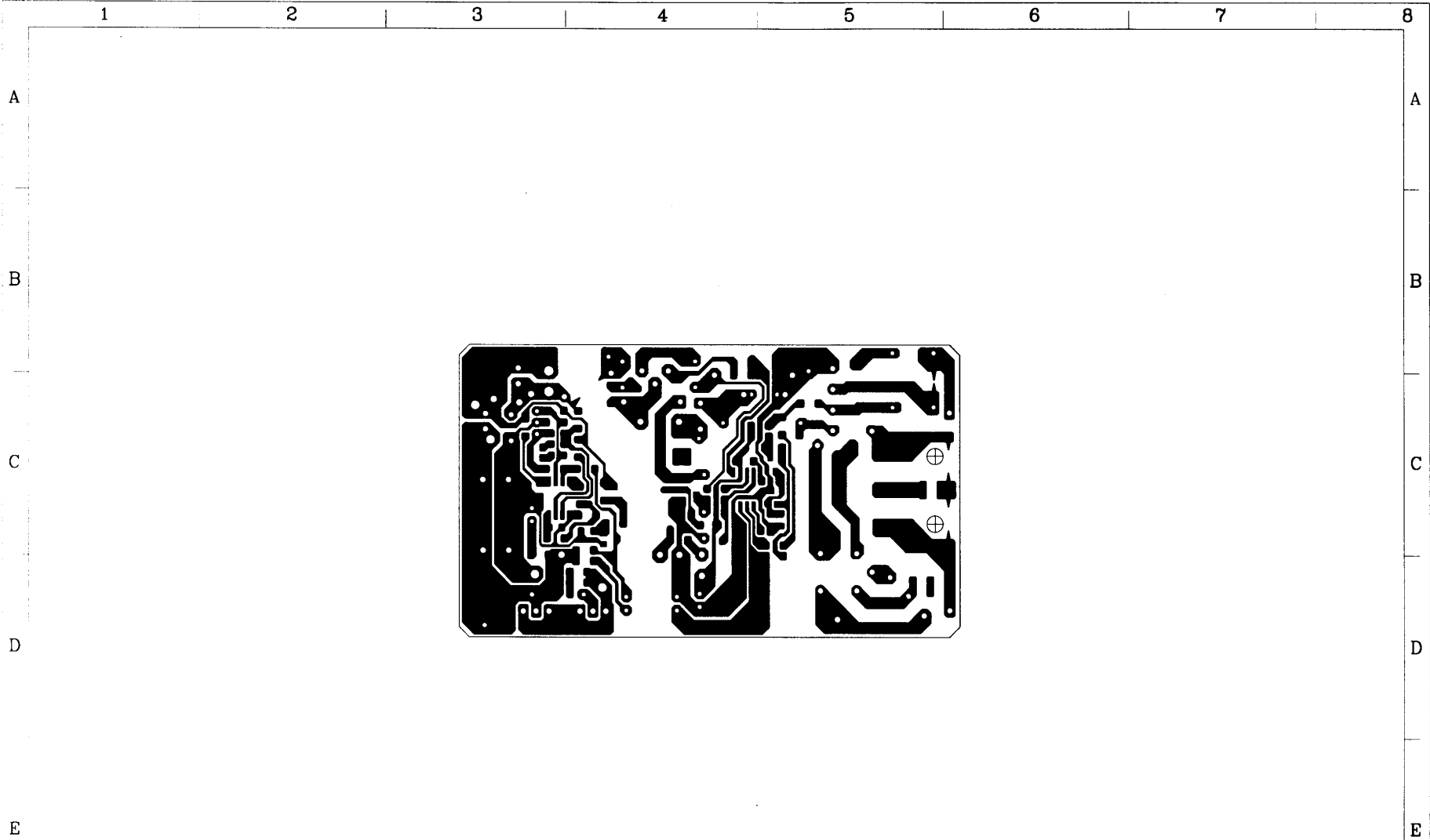
UNITS: mm
SIZE: A4
DATE: 95-10-13


Material:
Treatment: +/-0.20

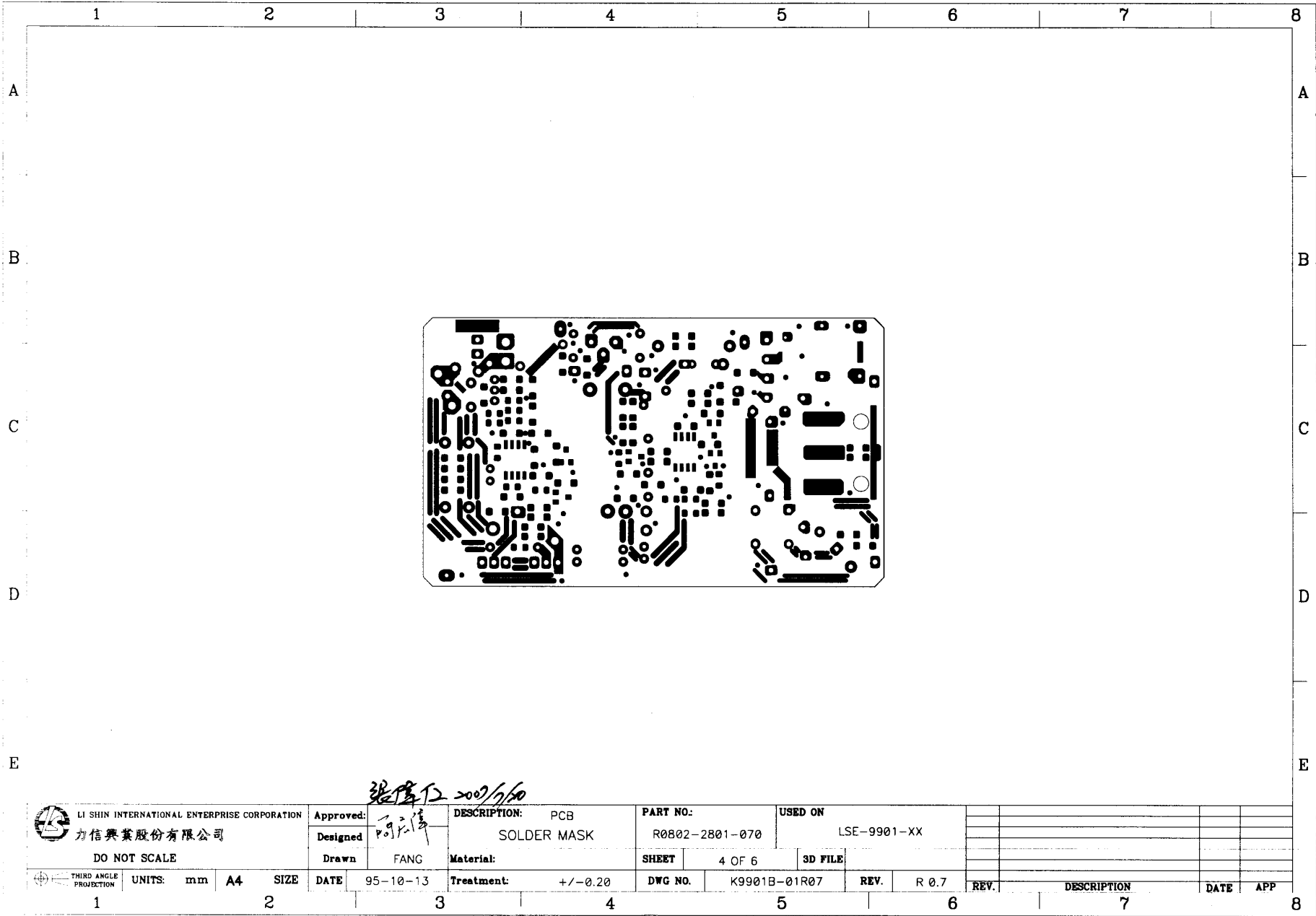
SHEET: 2 OF 6
DWG NO.: K9901B-01R07

3D FILE:
REV: R 0.7
DESCRIPTION:
DATE:
APP:
REV:
DESCRIPTION:
DATE:
APP:
REV:
DESCRIPTION:
DATE:
APP:

1 2 3 4 5 6 7 8



 LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司	Approved: <i>张信仁 2009/10/30</i>	DESCRIPTION: PCB	PART NO.: R0802-2801-070	USED ON: LSE-9901-XX							
	Designed: <i>张信仁</i>	SOLDER SIDE									
	Drawn: FANG	Material:	SHEET: 3 OF 6	3D FILE							
THIRD ANGLE PROJECTION	UNITS: mm	A4	SIZE	DATE: 95-10-13	Treatment: +/-0.20	DWG NO.: K9901B-01R07	REV.: R 0.7	REV.	DESCRIPTION	DATE	APP
1	2	3	4	5	6	7	8				



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION
力信興業股份有限公司

DO NOT SCALE

Approved:
Designed:
Drawn:

張偉仁 2007/7/20
張偉仁
FANG

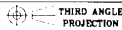
DESCRIPTION: PCB
SOLDER MASK

PART NO:
R0802-2801-070

USED ON
LSE-9901-XX

SHEET 4 OF 6

3D FILE



UNITS: mm A4 SIZE

DATE 95-10-13

Treatment: +/-0.20

DWG NO. K9901B-01R07

REV. R 0.7

REV.	DESCRIPTION	DATE	APP

1

2

3

4

5

6

7

8

1 2 3 4 5 6 7 8

A A

B B

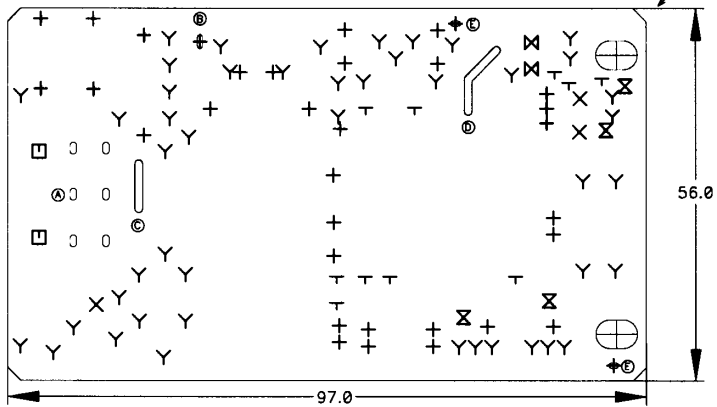
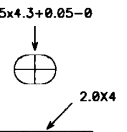
C C

D D

E E

Drill Table			
Hole Dia (mm)	Symbol	Quantity	Plated
0.800	+	34	Yes
0.900	X	3	Yes
1.000	Y	46	Yes
1.200	T	10	Yes
1.600	X	4	Yes
1.800	M	2	Yes
3.200	□	2	Yes

A=1.8x1.0+0.1-0
 B=2.1X0.8+0.1-0
 C=8.0x1.2mm +/-0.1
 D W=1.2mm +/-0.1
 E=1.5x0.8+0.1-0



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION
 力信興業股份有限公司
 DO NOT SCALE

Approved: [Signature]
 Designed: [Signature]
 Drawn: FANG

DESCRIPTION: PCB
 DRILL DRAWING

PART NO.: R0802-2801-070

USED ON: LSE-9901-XX

Material:

SHEET: 5 OF 6

3D FILE

THIRD ANGLE PROJECTION

UNITS: mm A4 SIZE

DATE: 95-10-13

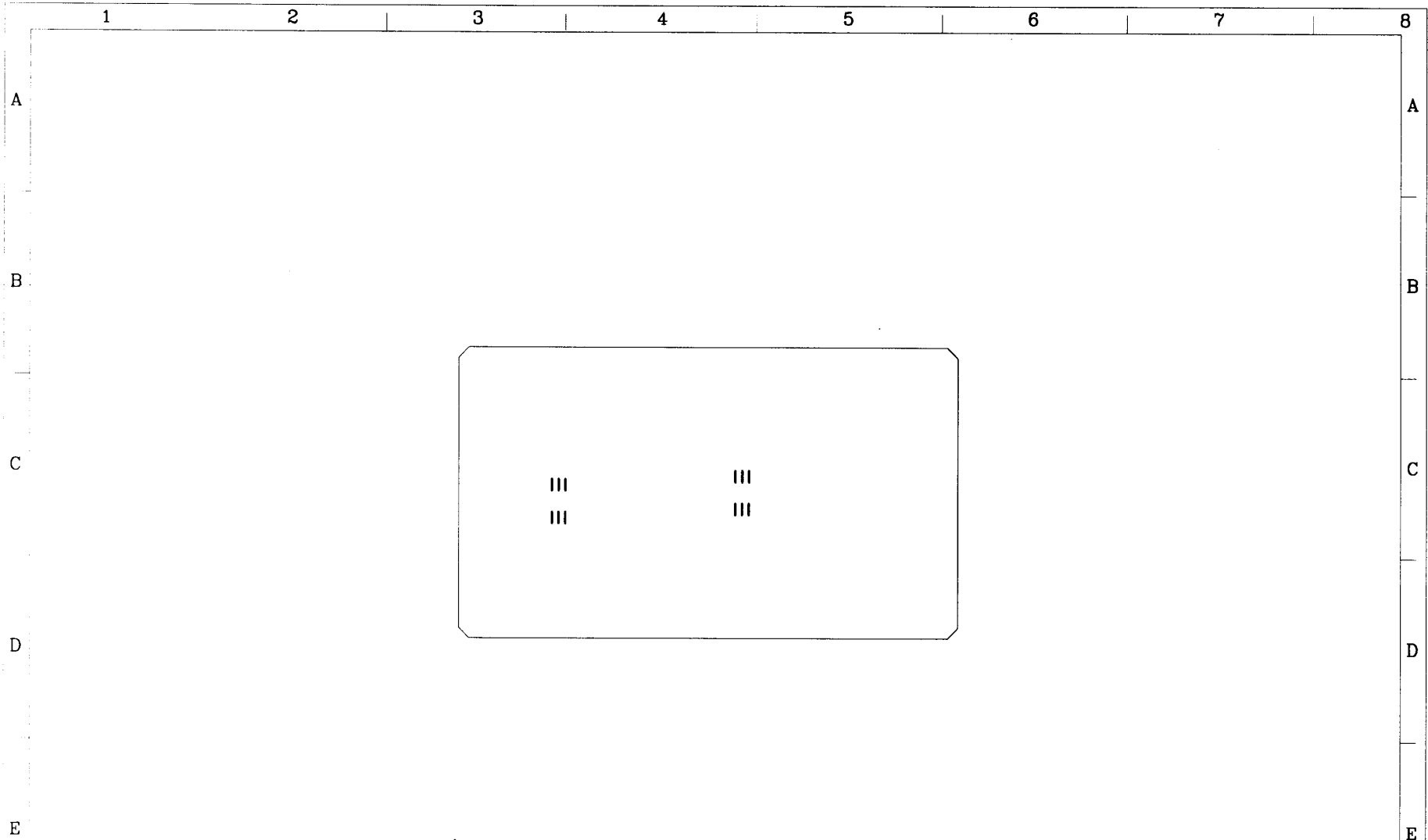
Treatment: +/-0.20


DWG NO.: K9901B-01R07

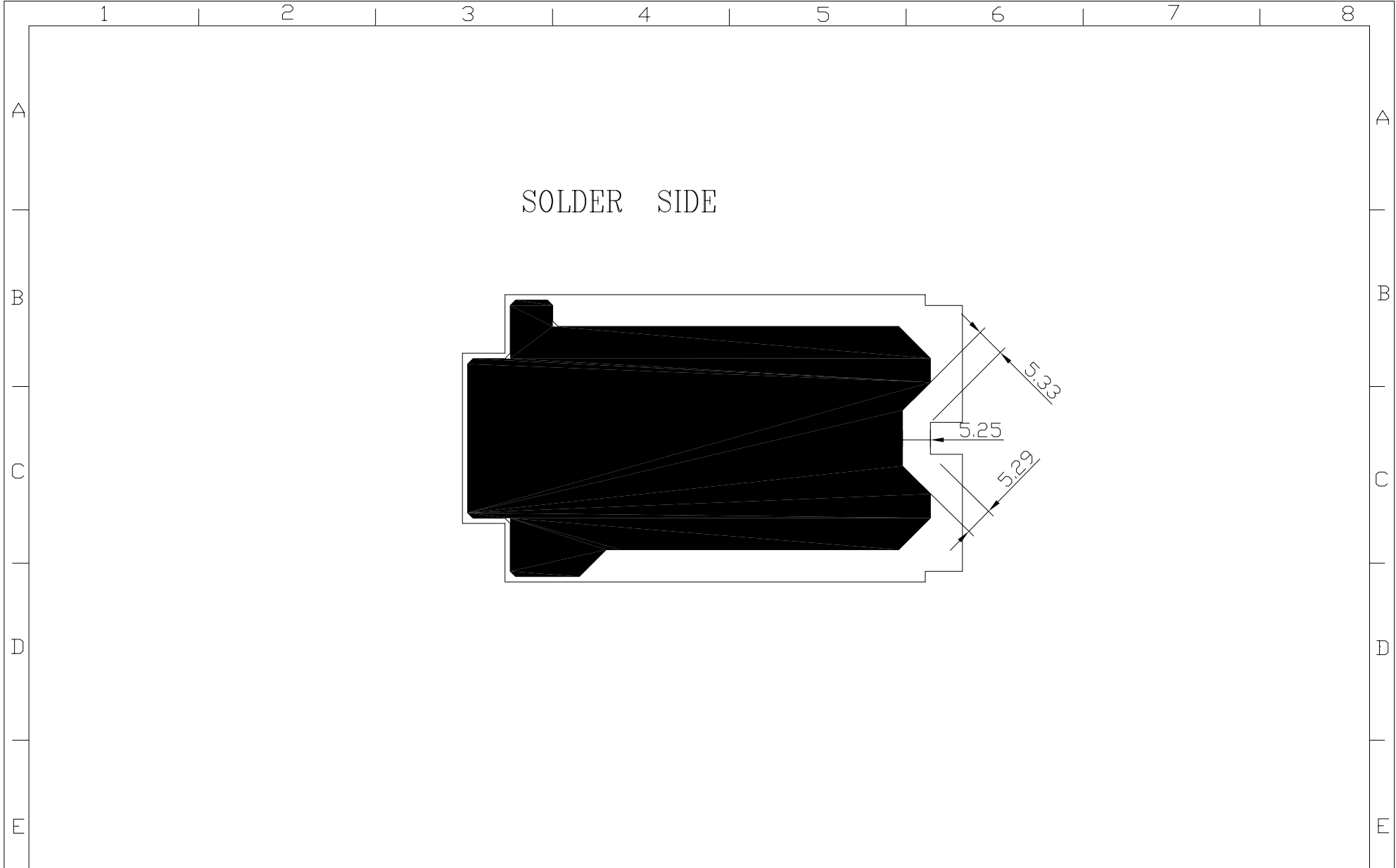
REV. R 0.7

REV.	DESCRIPTION	DATE	APP

1 2 3 4 5 6 7 8

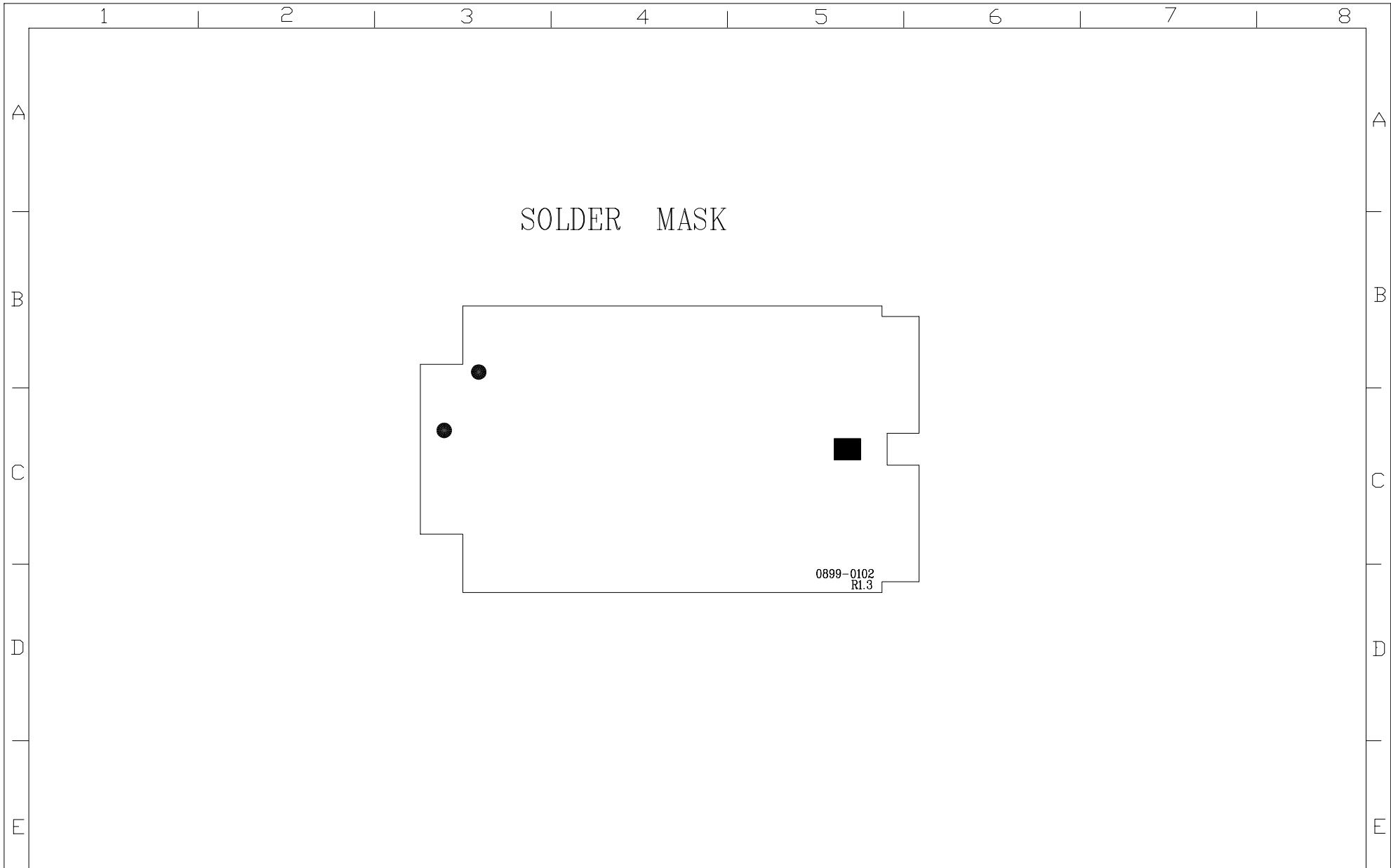


 LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司 DO NOT SCALE	Approved: <i>張偉仁 2007/5/20</i> Designed: <i>何志偉</i> Drawn: FANG	DESCRIPTION: PCB COMPONENT (SMD) Material:	PART NO.: R0802-2801-070 SHEET: 6 OF 6 DWG NO.: K9901B-01R07	USED ON: LSE-9901-XX 3D FILE:						
	UNITS: mm A4 DATE: 95-10-13 Treatment: +/-0.20	REV. R 0.7	REV.	DESCRIPTION	DATE	APP				
	1	2	3	4	5	6	7	8		



LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司	Approved:		DESCRIPTION:	PART NO.:	USED ON											
			PCB	S0899-0102-130	LSE9901XXX											
DO NOT SCALE	Drawn	FANG	Material:	1 : 1	SHEET	1	OF	3	3D FILE							
THIRD ANGLE PROJECTION	UNITS:	mm	A4	SIZE	DATE	06-11-2004	Treatment:	±0.2	DWG NO.	I9901GR13	REV.	1.3	REV.	DESCRIPTION	DATE	APP

1.3	取消AC端1.2Q孔徑	93/06/11
1.2	銅箔修改距板邊5.0mm以上	92/12/26
0.9	將初級POLYGON與板邊距離修改為6.0mm	90/07/10



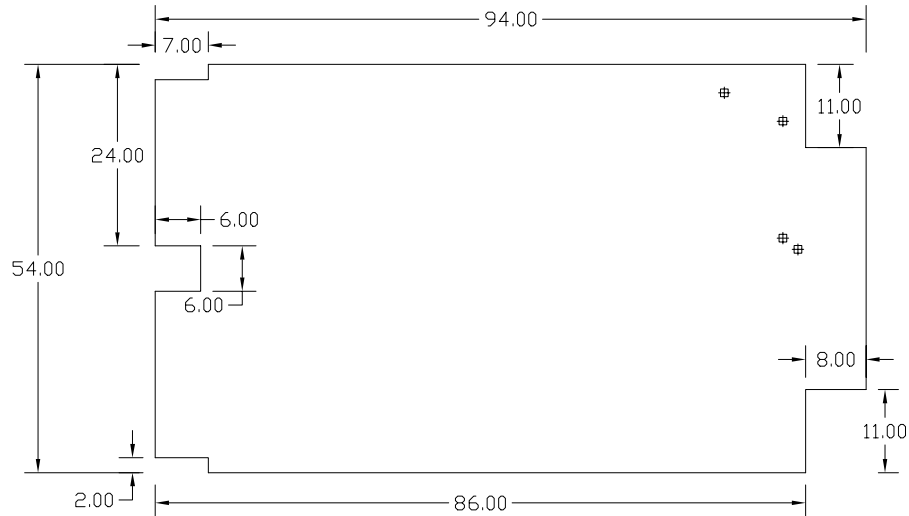
SOLDER MASK

0899-0102
R1.3

LI SHIN INTERNATIONAL ENTERPRISE CORPORATION 力信興業股份有限公司	Approved:		DESCRIPTION:	PART NO.:	USED ON				
		法美芬	PCB	S0899-0102-130	LSE9901XXX				
DO NOT SCALE	Drawn	FANG	Material:	1 : 1	SHEET	2	OF	3	3D FILE
THIRD ANGLE PROJECTION	UNITS:	mm	A4	SIZE	DATE	06-11-2004	Treatment:	±0.2	DWG NO.
									I9901GR13
							REV.	1.3	REV.
									DESCRIPTION
									DATE
									APP

1.3	取消AC端1.2Q孔徑	93/06/11
1.2	銅箔修改距板邊5.0mm以上	92/12/26
0.9	將初級POLYGON與板邊距離修改為6.0mm	90/07/10

DRILL DRAWING



⌀ 1.2

Tolerance Table	
0.8-1.5	±0.075
1.5↑	±0.1

MATERIAL: FR4
THICKNESS: 0.6±0.1mm ,0/1 Oz

	LI SHIN INTERNATIONAL ENTERPRISE CORPORATION		Approved:		DESCRIPTION:	PART NO.:	USED ON				
	力信興業股份有限公司				PCB	S0899-0102-130	LSE9901XXX				
DD NOT SCALE			Drawn:	FANG	Material:	1 : 1	SHEET	3	OF	3	3D FILE
			DATE:	06-11-2004	Treatment:	±0.2	DWG NO.:	I9901GR13		REV.:	1.3
			UNITS:	mm	A4	SIZE	REV.:	DESCRIPTION		DATE	APP

1.3	取消AC端1.2Q孔徑	93/06/11
1.2	銅箔修改距板邊5.0mm以上	92/12/26
0.9	將初級POLYGON與板邊距離修改為6.0mm	90/07/10

Parts List

MASS PRODUCTION

ITEM	U	F	R	C	PARTNO	OLDPARTNO	DESCRIPTION	MAKER	MAKERPN	FILENO	LOCATION	QTY
1001		*			726527	32-PS25611VL16-ROHS	IC PHO 4P PS2561-1-V L 200-400	NEC	PS2561-1-V L	RD-AP0711506B	IC2*1,	1.00000
1001-A					736460	LTV-817M-ROHS	IC PHO 4P LTV-817M-PRC 200-400	LITE-ON	LTV-817M-PRC	RD-AP0508257A		1.00000
1001-B					759310	32-EL817(C)105-ROHS	IC PHO 4P EL817(C) 200-400	EVERLIGHT	EL817(C)	RD-AP0803150A		1.00000
1001-C					781100	32-PC123X5YFZ57-ROHS	IC PHO 4P PC123X5YFZ 200-400 DIP	SHARP	PC123X5YFZ	RD-AP0904196A		1.00000
1002					728640	34-F2SK299631-ROHS	MFET N 600V 10A 0.74 2SK2996	TOSHIBA	2SK2996	RD-AP0511403A	Q3*1,	1.00000
1002-A					722444	34-F2SK2843-ROHS	MFET N 600V 10A 0.54 2SK2843	TOSHIBA	2SK2843	RD-AP0412038A		1.00000
1002-B					737281	34-FFQPF12N60C26-ROHS	MFETN600V12A0.65FQPF12N60C	FAIRCHILD	FQPF12N60C	RD-AP0509266A		1.00000
1003					727023	33-RUF400724-ROHS	DIO 1000V 1A UF4007 DO204AL	VISHAY	UF4007	RD-AP0509263A	D6*1,	1.00000
1003-A					760581	33-RFUF400755-ROHS	DIO 1000V 1A FUF4007 DO41	FAGOR	FUF4007	RD-AP0908277A		1.00000
1004					738033	33-RSF30JC1052-ROHS	DIO 100V 30A SF30JC10 TO220F	SHINDENGEN	SF30JC10	RD-AP0510514A	D4*1,	1.00000
1004-A					763435	33-RFCH30A1044-ROHS	DIO 100V 30A FCH30A10 TO220AB	NIHON INTER	FCH30A10	RD-AP0910161A		1.00000
1004-B					737312	33-RSTPS30H100CT19-ROHS	DIO100V30ASTPS30H100CTTO220	STM	STPS30H100CT	RD-AP0804358B		1.00000
1005					740512	33-EP6KE15A13-ROHS	TVS 600W 15V 5% P6KE15A DO15	LITE-ON SEMI	P6KE15A	RD-AP0510466C	TVS1*1,	1.00000
1005-A					740155	33-EP6KE15A24-ROHS	TVS 600W 15V 5% P6KE15A DO15	VISHAY	P6KE15A	RD-AP0503086B		0.00000
1006					710327	33-B2KBP06M24-ROHS	BRG 600V 2A 2KBP06M	VISHAY	2KBP06M-E4/45	RD-AP0804448B	BD1*1,	1.00000
1006-A					715552	33-BKBP206G13-ROHS	BRG 600V 2A KBP206G	LITE-ON SEMI	KBP206G	RD-AP0804302B		1.00000
1006-B					730824	33-B2KBP08M24-ROHS	BRG 800V 2A 2KBP08M	VISHAY	2KBP08M-E4/45	RD-AP0809207B		1.00000
1006-C					730826	33-BKBP208G13-ROHS	BRG 800V 2A KBP208G	LITE-ON SEMI	KBP208G	RD-AP0501114A		1.00000
1007					726869	33-SLL414824-ROHS	DIO 75V 0.3A LL4148 SOD80C	VISHAY	LL4148	RD-AP0504126A	D1*1,	1.00000
1007-A					900351	33-SRLS414814-ROHS	DIO 75V 0.2A RLS4148 LL34	ROHM	RLS4148	RD-AP0510480C		1.00000
1008					781091	56-L058-ROHS	LED CIR204-10SYGD/S530-E2/T2 GRN	EVERLIGHT	204-10SYGD/S530-E2/T2	RD-AP0910162A	LED1*1,	1.00000
1009					701205	33-RPR100713-ROHS	DIO 1000V 1A PR1007 DO41	LITE-ON SEMI	PR1007	RD-AP0804350B	D5*1,	1.00000
1010					716337	32-KA431AZ26-ROHS	IC REF 3P 2.495V KA431AZ(+/-1%)	FAIRCHILD	KA431AZ	RD-AP0408352A	IC5*1,	1.00000
1011					781047	32-SOB2268CCP135-ROHS	IC PWM 8P OB2268 CCP SO	LITE-ON SEMI	OB2268 CCPA	RD-AP1003039A	IC1*1,	1.00000
2001					781342	30-FH36BJBSS-HF	R.WW 0.36 2W(S) J NKNP	QUEEN MAO	NKNP2WS-T63-0.36RJ	RD-AP0907351A	R17*1,	1.00000
2002					781296	30-FJ30AL04-ROHS	R.TH NTC 3 L 8D 3A SCK033	THINKING	SCK08033LSY	RD-AP0909118A	TR1*1,	1.00000
2003					713567	30-S512J8SA-HF	R.CF 5.1K 1/8W J 0805	YAGEO	RC0805JR-075K1L	RD-AP0908290H	R29*1,	1.00000
2004					713769	30-S000J4SA-HF	R.CF 0 1/4W J 1206	YAGEO	RC1206JR-070RL	RD-AP0908290H	J14*1,J19*1,R15*1,	3.00000
2005					718836	30-S24AJ4SA-HF	R.CF 2.4 1/4W J 1206	YAGEO	RC1206JR-072R4L	RD-AP0908290H	R18*1,	1.00000
2006					713678	30-S470J4SA-HF	R.CF 47 1/4W J 1206	YAGEO	RC1206JR-0747RL	RD-AP0908290H	R30*1,R31*1,	2.00000
2007					713445	30-S101J4SA-HF	R.CF 100 1/4W J 1206	YAGEO	RC1206JR-07100RL	RD-AP0908290H	R12*1,	1.00000
2008					712821	30-S102J4SA-HF	R.CF 1K 1/4W J 1206	YAGEO	RC1206JR-071KL	RD-AP0908290H	R50*1,	1.00000
2009					713307	30-S104J4SA-HF	R.CF 100K 1/4W J 1206	YAGEO	RC1206JR-07100KL	RD-AP0908290H	R24*1,R25*1,R33*1,R34*1,	4.00000

Parts List

MASS PRODUCTION

ITEM	U	F	R	C	PARTNO	OLDPARTNO	DESCRIPTION	MAKER	MAKERPN	FILENO	LOCATION	QTY
2010					712842	30-S242J4SA-HF	R.CF 2.4K 1/4W J 1206	YAGEO	RC1206JR-072K4L	RD-AP0908290H	R5*1,R35*1,	2.00000
2011					714961	30-S331J4SA-HF	R.CF 330 1/4W J 1206	YAGEO	RC1206JR-07330RL	RD-AP0908290H	R38*1,	1.00000
2012					717708	30-S754J4SA-HF	R.CF 750K 1/4W J 1206	YAGEO	RC1206JR-07750KL	RD-AP0908290H	R1*1,R2*1,R23*1,R28*1,	4.00000
2013					714596	30-S102F4SA-HF	R.MF 1.00K 1/4W F 1206	YAGEO	RC1206FR-071KL	RD-AP0908290H	R26*1,	1.00000
2014					716025	30-S263F4SA1-HF	R.MF 26.10K 1/4W F 1206	YAGEO	RC1206FR-0726K1L	RD-AP0908290H	R40*1,	1.00000
2015					717509	30-S392F4SA2-HF	R.MF 3.92K 1/4W F 1206	YAGEO	RC1206FR-073K92L	RD-AP0908290H	R27*1,	1.00000
3001					730324	31-FE334KB5502-ROHS	C.MEX 0.33UF 275V K 15 KNB1560	ISKRA	KNB1560 0.22UF±10%L25	RD-AP0804527C	C32*1,	1.00000
3001-A					731532	31-FE334KB560-ROHS	C.MEX 0.33UF 275V K 15 LE	OKAYA	LE334-L35	RD-AP0804528C		1.00000
3001-B					780590	31-FE334KB575-ROHS	C.MEX 0.33UF 275V K 15 PCX2 337					1.00000
3002					780620	31-F1332MB5546-ROHS	C.DIS 3300PF 250V M E 10 KX				C9*1,	1.00000
3002-A					780622	31-F1332MB5584-ROHS	C.DIS 3300PF 250V M E 10 CD					1.00000
3003					780042	31-F1222KAK821-ROHS	C.DIS 2200PF 1KV K X7R 7.5 HR	JYA-NAY	HR3A222K10G726EN	RD-AP0910241B	C11*1,	1.00000
3003-A					780043	31-F1222KAK711-ROHS	C.DIS 2200PF 1KV K X7R 7.5 XR	PANOVN	XR102222K080B20C7P	RD-AP0908135A		1.00000
3004					732453	31-F7121MD070-HF	C.ELE 120UF 400V M 18*30 TY	LTEC	TYR2GM121L300	RD-AP0701422F	C1*1,	1.00000
3004-A					721550	31-F7121MD0521-ROHS	C.ELE 120UF 400V M 18*35.5 KMG	NCC	EKMG401ELL121MMP1S	RD-AP0912270G		1.00000
3004-B					732096	31-F7121MD0622-ROHS	C.ELE 120UF 400V M 18*31.5 PT	NICHICON	UPT2G121MHDADT	RD-AP0801226A		1.00000
3005					764214	31-F7100M50586-HF	C.ELE 10UF 50V M 5*11 YXG 2T	RUBYCON	50YXG10MEFCTG5*11	RD-AP0810148A	C20	1.00000
3005-A					784311	31-F7100M50705-HF	C.ELE 10UF 50V M 5*11 LZG 2.5T	LTEC	ZGB1HM100D11X	RD-AP0907586A		0.00000
3005-B					758300	31-F7100M5052E-ROHS	C.ELE 10UF 50V M 5*11 KY 2.0	NCC	EKY-500ELL100ME11D	RD-AP1002064P		1.00000
3005-C					780243	31-F7100M50622-ROHS	C.ELE 10UF 50V M 5*11 PW 2.0	NICHICON	UPW1H100MDD	RD-AP0910276C		1.00000
3006					737553	31-F7101M25701-HF	C.ELE 100UF 25V M 6.3*11 LZG 2.5	LTEC	ZGB1EM101E11O	RD-AP0912272K	C13	1.00000
3006-A					784315	31-F7101M25587-HF	C.ELE 100UF 25V M 6.3*11 YXG2.5T	RUBYCON	25YXG100MEFCT16.3*11	RD-AP0908136E		0.00000
3006-B					737073	31-F7101M2552-ROHS	C.ELE 100UF 25V M 6.3*11 KY 2.5	NCC	EKY-250ELL101MF11D	RD-AP1002064P		0.00000
3006-C					780255	31-F7101M25622-ROHS	C.ELE 100UF 25V M 6.3*11 PW 2.5	NICHICON	UPW1E101MED	RD-AP0912228B		1.00000
3007					732696	31-F7102M1670-HF	C.ELE 1000UF 16V M 10*20 LZG	LTEC	ZGG1CM102G200	RD-AP0912272K	C16*1,	1.00000
3007-A					780270	31-F7102M16587-HF	C.ELE 1000UF 16V M 10*20 YXG	RUBYCON	16 YXG 1000 M EFC T8 10X20	RD-AP0909195B		1.00000
3007-B					733441	31-F7102M16526-ROHS	C.ELE 1000UF 16V M 10*20 KY	NCC	EKY-160ETD102MJ20S	RD-AP1002064P		1.00000
3007-C					780272	31-F7102M16624-ROHS	C.ELE 1000UF 16V M 10*20 PW	NICHICON	UPW1C102MPD1TD	RD-AP0910276C		1.00000
3008					760611	31-F7222M16586-HF	C.ELE 2200UF 16V M 12.5*20 YXG	RUBYCON	16 YXG 2200 M EFC G4 12.5X20	RD-AP0909196B	C12*1,	1.00000
3008-A					762228	31-F7222M16708-HF	C.ELE 2200UF 16V M 12.5*20 LZG	LTEC	ZGF1CM222J200	RD-AP0811125A		1.00000
3008-B					761123	31-F7222M1652B-ROHS	C.ELE 2200UF 16V M 12.5*20 KY	NCC	EKY-160ETD222MK20S	RD-AP0910061B		1.00000
3009					780054	31-F1222MAK71-ROHS	C.DIS 2200PF 1KV M Z5U 5 E	PANOVN	ZU102222050HAND5P	RD-AP1003169B	C2*1,	1.00000
3010					733658	31-S1102KB01-HF	C.MON 1000PF 200V K X7R 0805	TDK	C2012X7R2E102KT	RD-AP0810099G	C21*1,	1.00000

Parts List

MASS PRODUCTION

ITEM	U	F	R	C	PARTNO	OLDPARTNO	DESCRIPTION	MAKER	MAKERPN	FILENO	LOCATION	QTY
3011					712827	31-S1104K501-HF	C.MON 0.1UF 50V K X7R 0805	TDK	C2012X7R1H104KT	RD-AP0812255E	C18*1,C28*1,	2.00000
3012					715533	31-S1473K502-HF	C.MON 0.047UF 50V K X7R 1206	TDK	C3216X7R1H473KT	RD-AP0812255E	C4*1,	1.00000
4001					758346	37-C3201107-ROHS	BEAD CORE RH3.5*3*1.8 K5B	KING CORE	37-C3201107-ROHS	RD-AP0612312A	C9*1,D4*2,D5*1,D6*1,	5.00000
4001-A					781420	37-C0226B2408709-ROHS	BEAD CORE T 3.5*3*1.5 K5B	KING CORE	K5B T 3.5*3*1.5	RD-AP0903094A		5.00000
4002	*				784694	37-C9901G2461401A-ROHS	CHOKE TR16*12*8 R12K 11MH	LITE-ON	37-C9901G2461401A-ROHS	RD-AP0911367B	LF2*1	1.00000
4003					781738	37-C9901G2461403-ROHS	CHOKE R5*15 Y2M 2.7UH				L1*1,	1.00000
4004					781764	37-C9901G2461404-ROHS	CHOKE T9*5*3-C A07 280UH				LF1*1,	1.00000
4005					782427	42-M9901G12032P01-ROHS	XFMR 9901G12032 PQ2620 PC40				T1*1,	1.00000
5001					712336	04-J21D01-HF	JUMPER 0.6D BT RUCH	WEN CHENG	04-J21D01-HF	RD-AP0809130E	L2x5*1,J16x5*1,R7x5*1,J18x10*1,J1x15*1,J20x15*1,	0.00032
5002					712336	04-J21D01-HF	JUMPER 0.6D BT RUCH	WEN CHENG	04-J21D01-HF	RD-AP0809130E	J3x27.5*1,GNDPCBx60*1,	0.00025
6001					782772	52-M9901G24614HS1-ROHS	HEAT SINK 73.5*17*21*2 AL	YWD	782772	RD-AP0908222A	HS1*1,	1.00000
6002					782773	52-M9901G24614HS2-ROHS	HEAT SINK 96*21*2 AL	YWD	782773	RD-AP0908223A	HS2*1,	1.00000
6003					782774	52-M9901G24614HS3-ROHS	HEAT SINK 55.5*53*21.5*0.5 AL+CU				HS3*1,	1.00000
6004					782663	50-N332302-HF	NUT+W 3*0.5*3.2 NI				D4*1,Q3*1,	2.00000
6005					702098	50-S18300602-HF	SCREW+M CH 3*0.5*6 NI	DURABLE	702098	RD-AP0909219D	HS1/HS3*1,	1.00000
6006					741996	50-S183008021-HF	SCREW+M CH 3*0.5*8 NI+NL	KUAO LENG	741996	RD-AP0909220E	Q3*1,D4*1,	2.00000
6007					783353	46-M9901G24614CS1-ROHS	CASE-TOP 110*64*18.2 PC+ABS				CASE-TOP*1,	1.00000
6008					783188	28-M9901G12032PL1-ROHS	ISL-PLT+T 75*126*0.51 PP+CU	CHON YANG	GB-021	RD-AP0901040A	MYLAR*1,	1.00000
6009					783431	28-M9901G24218GM1-ROHS	ISL-SHEET+T 22*10*2 RB BLK				T1 PCB*1,	1.00000
6010					721001	44-M148019HR1-ROHS	LED HOLDER 13*4.2 NY V2	KANG YANG	LEDS-13	RD-AP1004030A	BS1*1,	1.00000
6011					720209	04-T35C15010-ROHS	TUBE-TEF 0.15*1.07 200C 150V C	GREATHOLDING	TFL	RD-AP0812171C	C1x9*2,	0.01850
6012					720209	04-T35C15010-ROHS	TUBE-TEF 0.15*1.07 200C 150V C	GREATHOLDING	TFL	RD-AP0812171C	J3*26.5*1,	0.02650
6013					700662	04-T14B25100-HF	TUBE-HST 0.25*10 125C 600V B	TYCO/RACHEM	VERSAFIT	RD-AP1003066E	C9x15*1,	0.01500
6014					783354	46-M9901G24614CS2-ROHS	CASE-BTM 110*64*15.7 PC+ABS				CASE-BTM*1,	1.00000
6015					782677	50-S2323120E-HF	SCREW+T PH 2.3*0.79*12 ZL	DURABLE	782677	RD-AP1001029D	CASE-BTM*2,	2.00000
6016					783466	43-M0215C12099SR1-ROHS	RUBBER 7*2 BLK	KANG YANG	RF7-2	RD-AP0906014A	RUBBER*2,	2.00000
7001					782020	43-M9901G24614PG1-ROHS	INLET 10A 250V ST-01BC-BPN	SOLTEAM	ST-01BC-BPN	RD-AP1003262A	CN1*1,	1.00000
7001-B					782064	43-M9901G24614PG2-ROHS	INLET 10A 250V 0711-2-PLA	INALWAYS	0711-2-PL-A	RD-AP1001243A		1.00000
7002					750161	38-T32A0121-ROHS	FUSE SB 250V 3.15A MRT				F1*1,	1.00000
7002-A					782128	38-T32A1521-ROHS	FUSE SB 250V 3.15A SR-5					1.00000
7002-B					782129	38-T32A0529-ROHS	FUSE SB 250V 3.15A LT5-663					1.00000
7002-C					754240	38-T32A1624-ROHS	FUSE SB 250V 3.15A 2000T	WALTER	2000T3.15A	RD-AP0604200B		1.00000

Parts List

MASS PRODUCTION

ITEM	U	F	R	C	PARTNO	OLDPARTNO	DESCRIPTION	MAKER	MAKERPN	FILENO	LOCATION	QTY
7003					782358	01-M9901G246141G-ROHS	PCB 9901G24614 97*56*1.2 2/0 G				PCB*1,	1.00000
7004					782360	01-M9901G246181M-ROHS	PCB 9901G24618 94*54*0.6 1/0 M				GND PCB*1,	1.00000
8001					783708	91-M0712A19K20PA1-ROHS	PA PLT 550*430*4	AMB	783708	RD-AP0909274A	OUT-CTN*1,	0.05000
8002					783735	91-M9901G24614PL1-ROHS	PA PLT LAY 554*434*159*5				OUT-CTN*1,	0.02500
8003					783562	92-M0216A25248UC1-ROHS	OUT-CTN 554*434*167*7				OUT-CTN*1,	0.02500
8004					783493	90-M0107B12358BG1-ROHS	BUBBLE BAG 200*130 D10				BAG*1,	1.00000
8005					783608	93-M9901G24618BC1-ROHS	BAR CODE 100*30	CYMMETRIK	783608	RD-AP0908373B	OUT-CTN*1,	0.05000
8006					758283	93-M32011CL1-ROHS	LBL-CAUT D7 e1	CHENG MAY	93-M32011CL1-ROHS	RD-AP0612059A	X CAP*1,	1.00000
8007					602731	93-M9901G12420DL1-ROHS	LBL-ID 65*44.5 HSLS9901G12420LF				LBL-SPS*1,	1.00000
8008					758285	93-M32011BC1-ROHS	BAR CODE 25*6	CHENG MAY	93-M32011BC1-ROHS	RD-AP0612146A	LBL-SPS*1,	1.00000
8009					758286	93-M32011BC2-ROHS	BAR CODE 16*6	CHENG MAY	93-M32011BC2-ROHS	RD-AP0612148A	X CAP*1,	1.00000
8010					783624	93-M0226B24087BC1-ROHS	BAR CODE 16*6*0.09 GRN	QIUJING	783624	RD-AP0908410A	CASE-BTM*1,	1.00000
8011					758472	55-M32011PA1-HF	PALLET 1140*900*120	KAIZHUAM	55-M32011PA1-ROHS	RD-AP0808023B	OUT-CTN*1,	0.00100
9001					758371	14-HP05-ROHS	H.S PASTE SG641				REF.SAI*2,	0.00020
9001-A					783871	14-HP06-HF	H.S.PASTE CN-8880	DOW CORNING	CN8880	RD-AP1002218B		0.00020
9002					734060	14-SA05-HF	SILICONE TSE3941 GE	GE TOSHIBA	TSE3941	RD-AP0903204C	REF.SAI*2,	0.00060
9002-A					756052	14-RTV11-ROHS	RTV EA-9189 DOW	DOW CORNING	EA-9189	RD-AP0709352A		0.00060
9002-B					738351	14-SA07-HF	SILICONE ES2031W	CANADA	ES2031W	RD-AP0805252B		0.00060
9003					758370	14-SA16-ROHS	SILICON GLUE3165 GRAY	DOW CORNING	3165	RD-AP0612286A	REF.SAI*3,	0.00460
9003-A					783867	14-SA23-ROHS	SILICON TSE3854D-G TOSHIBA					0.00460
9003-B					783868	14-RTV23-ROHS	SILICON ES2044G GRY CANADA					0.00460
9003-C					761470	14-SA20-ROHS	SILICONE CN-8605 GRY					0.00460
9004					758370	14-SA16-ROHS	SILICON GLUE3165 GRAY	DOW CORNING	3165	RD-AP0612286A	REF.SAI*1,	0.00040
9004-A					783867	14-SA23-ROHS	SILICON TSE3854D-G TOSHIBA					0.00040
9004-B					783868	14-RTV23-ROHS	SILICON ES2044G GRY CANADA					0.00040
9004-C					761470	14-SA20-ROHS	SILICONE CN-8605 GRY					0.00040
9005					783940	07-O68601OB-ROHS	TAPE 68MM*600M B B110CR WEBER	RICOH	B110CR	RD-AP0906016A	LBL-BAR*1,	0.00800
9006					718025	07-O111301OB-HF	TAPE 110MM*300M B B110A WEBER	RICOH	B110A	RD-AP0812558D	LBL-SPS*1,	0.03300
9007					781478	04-PM9901G12Y1801-ROHS	DC CORD 1500 9901G12Y18	WORLDTEC	781478	RD-AP0812532A	CABLE*1,	1.00000
9008					782641	04-L02BHD600S-ROHS	WIRE 1007 #22 60 B 3.5:3.5				J2*1,	1.00000
9009					782643	04-L02WHD455F-ROHS	WIRE 1007 #22 45 W 7:3.5				W1*1,	1.00000
9010					717481	07-O226603Y-ROHS	POLY TAPE 22*66M Y #1350 3M	3M	#1350F-1	RD-AP0701276E	HS1x110*1,HS2x110*1,	0.22000
9011					783799	07-O156603Y1-ROHS	POLY TAPE 15MM*66M(1L)				C1x20*1,	0.02000

Parts List

MASS PRODUCTION

ITEM	U	F	R	C	PARTNO	OLDPARTNO	DESCRIPTION	MAKER	MAKERPN	FILENO	LOCATION	QTY
9012					783808	07-O106603Y-ROHS	POLY TAPE 10MM*66M(1L)	3M	#1350F-1	RD-AP0905035A	MYLAR/W1*1,	0.03000
9013					758672	07-O256603Y-ROHS	POLY TAPE 25*66M(2L) Y #1350 3M	3M	#1350F-1	RD-AP0701276E	HS1x110*1,	0.11000
9014					783818	07-O306603Y1-ROHS	POLY TAPE 30MM*66M(3L)				HS3x80*1,	0.08000
9015					783819	07-O656603Y-ROHS	POLY TAPE 65MM*66M(1L)				HS2x110*1,	0.11000
9016					783846	07-O146603Y-ROHS	POLY TAPE 14MM*66M(1L)				HS3x50*1,	0.05000
9017					721262	07-O254503A-ROHS	POLY TAPE 25*45M(2L) #40/#44	3M	#44	RD-AP0505279A	HS2x35*1,	0.03000
9018					736802	54-BA61-ROHS	SOLDER BAR 96.5:3:0.5	KESTER	BAR SN96.5/AG03/CU0.5	RD-AP0501209A	REF.SAI*0,	0.00314
9019					751297	54-WA61002-HF	SOLDER WIRE 96.5:3 SCA305 1.0D	ALPHA METALS	SAC305	RD-AP0812462B	REF.SAI*0,	0.00150
9020					716794	14-HM03-HF	ADHESIVE SCREW LOOSENESS GREEN	A POLLO	BB2100	RD-AP0411304A	REF.SAI*7,	0.00030
9021					783874	14-FU17-ROHS	FLUX RF800T3 ALPHA	ALPHA METALS	RF800T3	RD-AP0908293A	REF.SAI*0,	0.00167
9022					783876	14-TH13-ROHS	THINNER RF800ADD ALPHA				REF.SAI*0,	0.00314
9023					709659	07-P0645FC-HF	OPP TAPE 60*36M C PP37 FOUR	FOUR PILLARS	07-P0645FC-ROHS	RD-AP0812582C	OUT-CTN*1,	0.10000

TOTAL: 5 PAGES

REMARK: U(*)-If cUstom parts F(*)-If saFety parts R(*)-cRitical C(*) -If Consign parts ITEM(-numeric)-If subcontract parts ITEM(-character)-If substitution parts

Note: This part list is prepared by Design department for cost estimation.

All of indirect material as solder, flux, glue, thinner, cleaner etc. are not listed on this part list.



DATA DISPLAY GROUP

Our company network supports you worldwide with offices in Germany, Turkey, Great Britain and the USA. For more information please contact:



DISTEC GmbH

Distec GmbH

Augsburger Str. 2b
82110 Germering
Germany

Phone: +49 (0)89 / 89 43 63-0
Fax: +49 (0)89 / 89 43 63-131
E-Mail: info@distec.de
Internet: www.distec.de



DATA DISPLAY TEKNOLOJI

Data Display Teknoloji Elektronik San Ve Diş Tic A.Ş.

Kustepe Leylak Sok.
Nursanlar Is Merkezi
Kat. 6 No: 21
Sisli / Istanbul
Turkey

Phone: +90 (0)212 / 356 04 20
Fax: +90 (0)212 / 356 04 25
E-Mail: info@datadisplay.com.tr
Internet: www.datadisplay.com.tr



DISPLAY TECHNOLOGY

Display Technology Ltd.

A2 Spectrum Business Centre
Anthonys Way, Medway City Estate
Rochester, Kent, ME2 4NP
United Kingdom

Phone: + 44 (0)1634 / 29 55 55
Fax: + 44 (0)1634 / 29 55 43
E-Mail: info@displaytechnology.co.uk
Internet: www.displaytechnology.co.uk



**Apollo
Display
Technologies**

A Data Display Company

Apollo Display Technologies, Corp.

85 Remington Blvd.
Ronkonkoma, NY 11779
United States of America

Phone: +1 631 / 580-43 60
Fax: +1 631 / 580-43 70
E-Mail: info@apollodisplays.com
Internet: www.apollodisplays.com