

SPECIFICATION CONTENT LIST

1. SPECIFICATION ELECTRICAL CHARACTERISTICS.....
2. CONNECTOR PIN ASSIGNMENT.....
3. PCB LAYOUT/**NONE**.....
4. MECHANICAL CHARACTERISTIC/**NONE**.....

Model : AB-A301-V.04S: One Lamp

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DC TO AC INVERTER SPECIFICATION

The DC to AC inverter is designed as a low noise, high frequency, high efficiency and as a low profile efficiency and light weight switching power supply.

1. Features

- (1) Constant current output to control brightness.
- (2) Auto shut off during.
- (3) High Performance, High Efficiency.
- (4) Fixed output frequency does not effect by brightness adjustment

2. Application

LCD Type	LCD Part No	Brand	Remark
6.4"	PD064VT2T1	PVI	
10.4"	PD104SL3	PVI	
7"	CLAA070VA01	CPT	

3. Operating Conditions

Item	Mark	Condition	Min	Max	Unit	Remark
Operating Temperature	Top	Ha=90% RH under	0	65	°C	
Storage Temperature	Tstg	Ha=95% RH under	-10	80	°C	
Operating Humidity	Hop	Ta=0~65°C	20	90	% RH	
Storage Humidity	Hstg	Ta=20~80°C	-	95	% RH	

4. Operating Characteristics

Item	Symbol	Condition	Min	Typ	Max	Unit	Remark
Input Voltage	Vin	GND=0V	10.5	12	13.5	V	
Input Current (Low Brightness)	I in L	Vin=TYP.±1% ON VR=MIN (Iout=MIN)	100	125	150	mA	
Input Current (High Brightness)	I in H	Vin=TYP.±1% ON VR=MAX (Iout=MAX)	230	250	270	mA	
Lamp Current (Low Brightness)	I out L	Vin=TYP.±1% ON VR=MIN (Iout=MIN)	2.0	3.0	4.0	mA rms	
Lamp Current (High Brightness)	I out H	Vin=TYP.±1% ON VR=MAX (Iout=MAX)	5.5	6.0	6.5	mA rms	
Working Frequency			44	47	50	KHZ	
Output Voltage		CCFT Current=6mA	580		680	V	
Brightness Control		Connection of Voltage	0	-	5	V	

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5. Connection pin assignment

5-1. A (P1) Input Connector: 5 Pins , Pitch:2.0mm

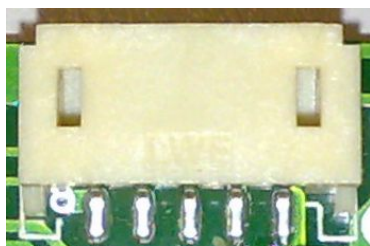
PIN No	Symbol	Description
1	Vin	DC+12V
2	GND	Ground
3	Brightness	0~5Vdc control, 5V:Max , 0V:Min
4	GND	Ground
5	Enable	ON/OFF control ON=+5V OFF=0V

5-2 P2 Output Connector

PIN No	Symbol	Description
1	Output	Lamp High Voltage Output
2	Input	Lamp Low Voltage Input

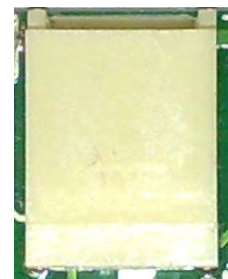
5-3 Connector Model No & Brand

Connector No.	Connector Parts No	Brand
P1	2003P05 S0T 2.0mm	Landwin
P2	3502P0210T-1 3.5mm	Landwin



(Pin1)

2003P05 S0T (2.0mm)



(pin1)

3502P0210T-1(3.5mm)

6. MECHANICAL CHARACTERISTICS

Dimension: 91.8mm * 16mm * 9.8mm

Weight: MAX. 10g

PCB Dimension & Screw Hole Location :

Screw hole = 3.0mm

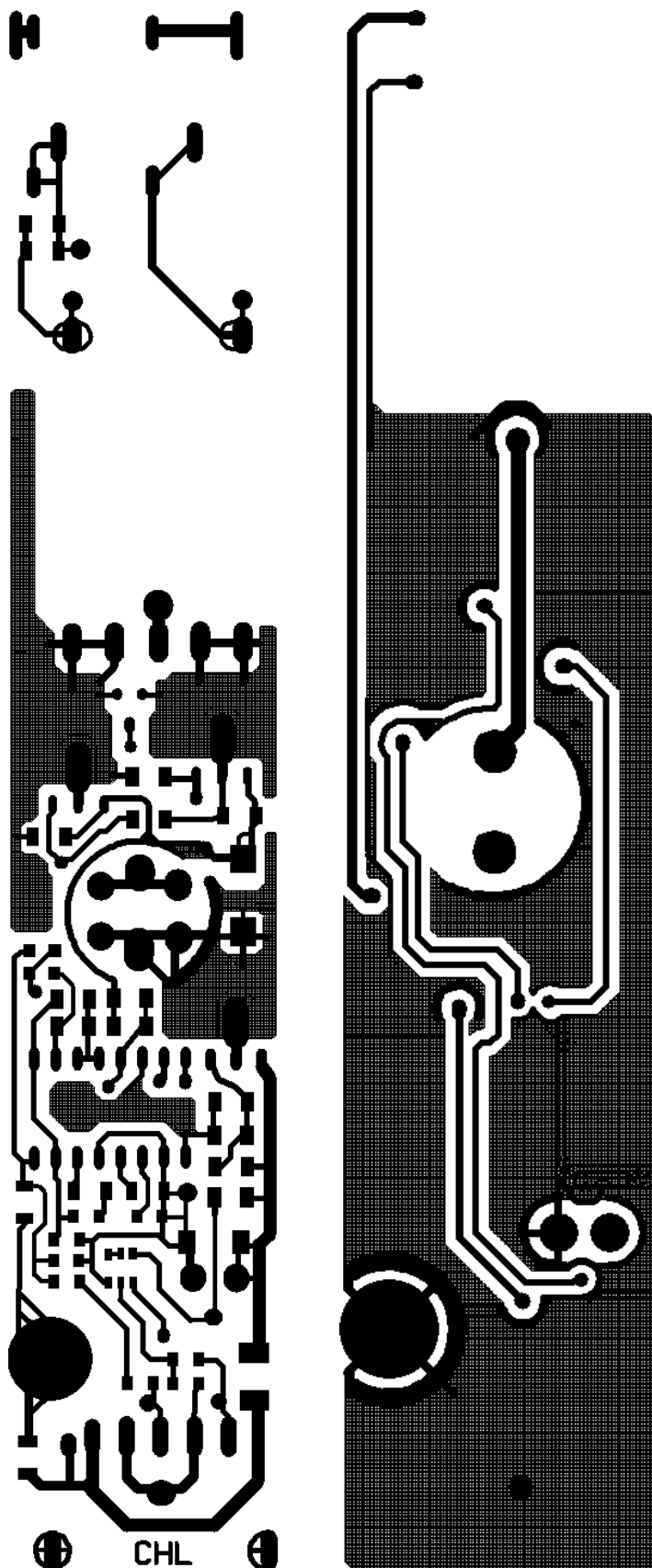


Fig. Top layer

Fig. Bottom layer

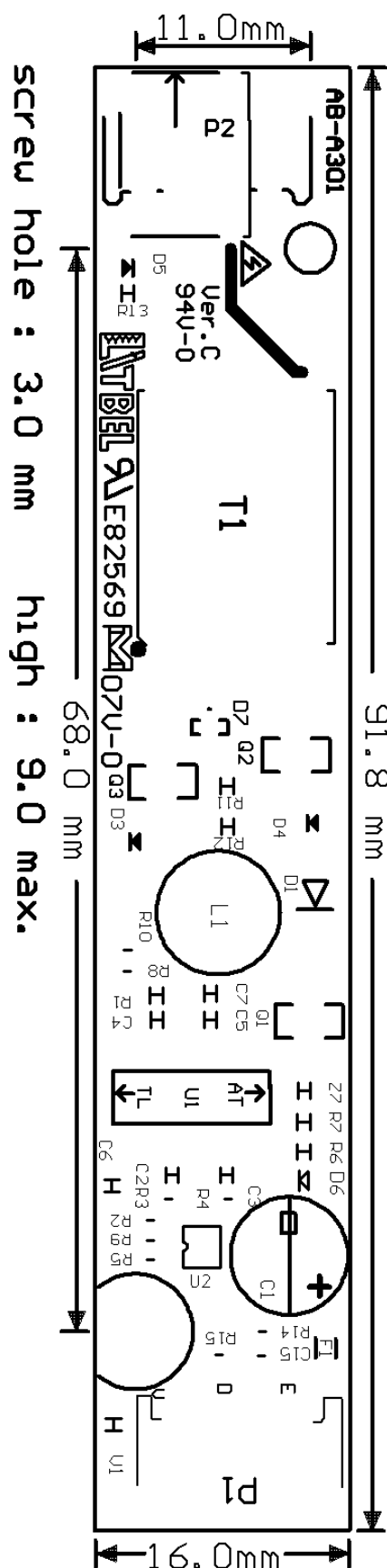
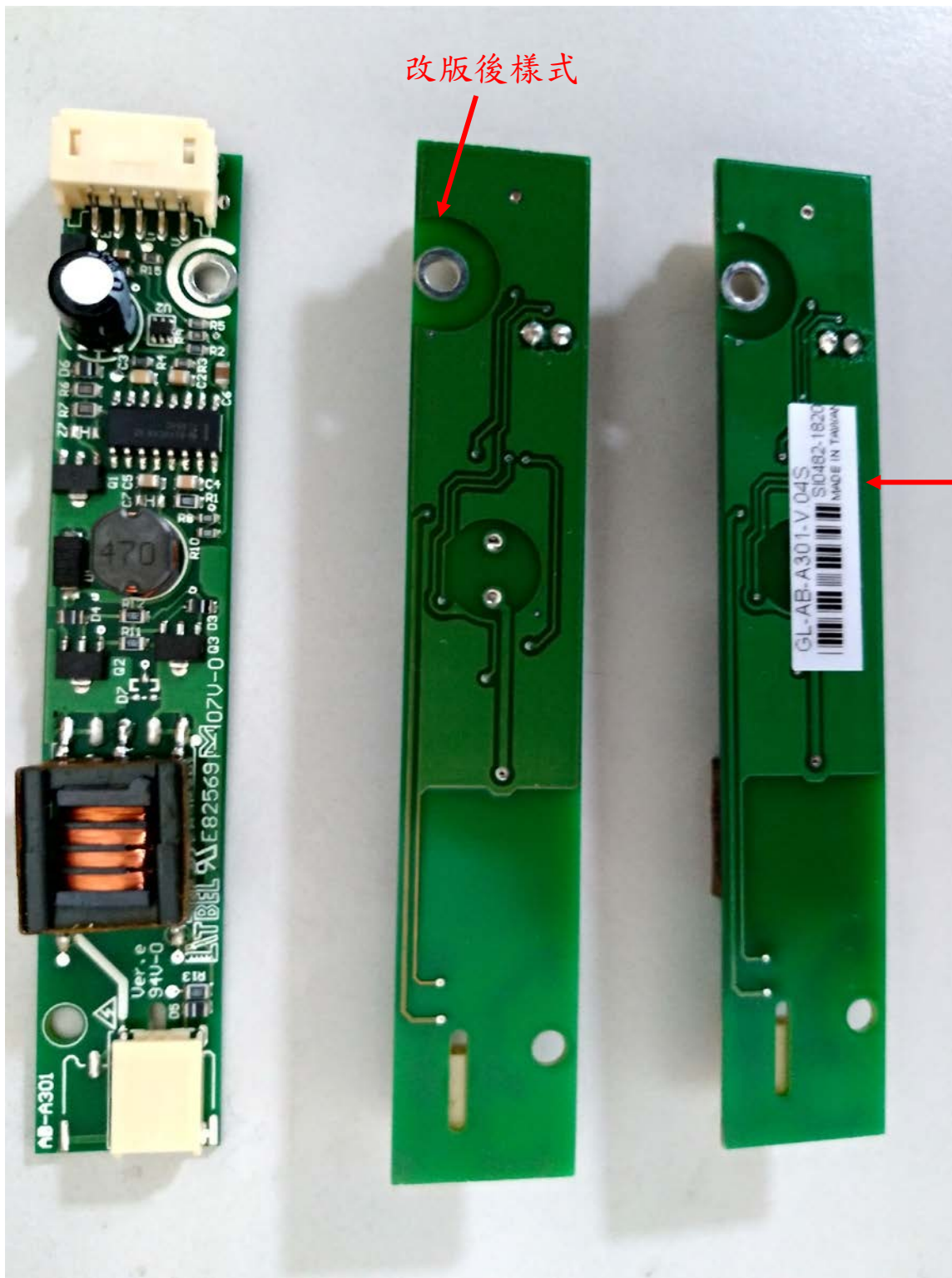


Fig. Printing



改版後樣式

俊豐指定標籤