

FOR MESSRS : \_\_\_\_\_

## **SPECIFICATION FOR REFERENCE**

(FOR LCD MNT 10~15" 1 Lamp APPLICATION PURPOSE)

TFT LCD BACKLIGHTING INVERTER

PART NO. : FIF1311-01B

BUYER'S PART NO.: \_\_\_\_\_

### **CONTENTS**

- 1. Electrical Characteristics**
- 2. Functional Pin Description**
- 3. Mechanical Drawings**

□□□	'02.05.08	TFT LCD BACKLIGHTING	
□□□		13.3" INVERTER SPECIFICATION	P/NO.
□□□□			FIF1311-01B
			PAGE
			1/3

## 1. Electrical Characteristics

No.	Items (Unit)	Sign.	Condition	Min.	Typ.	Max.	
1	Input Voltage (Vdc)	Vin		11.0	12	13.0	
2	Input Current (A)	Iin	Vin=12V	CTRL=5V	0.22	0.27	0.34
				CTRL=0V	0.37	0.43	0.5
3	Output Current	Iout	Vin=12V	CTRL=5V	1.5	2.1	2.7
				CTRL=0V	5.3	5.7	6.2
4	Lamp Frequency (kHz)	f	Vin=12V	CTRL=5V	50	60	70
5	ON/OFF Control	ON	Vin=12V, ON/OFF=5V		Normal Operation		
		OFF	Vin=12V, ON/OFF=0V		Shunt-down (Lamp off)		
6	Dim Adjust (Lamp Current Control)	CTRL	CTRL=0V, Max Current		0 ~ 5 Volt.		
			CTRL=5V, Min Current				
7	Kick-Off Voltage(Vrms)	Vk-off	Kick-Off	1100	-	1800	
8							

□ □ □	02.05.08	TFT LCD BACKLIGHTING	
□ □ □		13.3" INVERTER SPECIFICATION	P/NO.
□ □ □ □			FIF1311-01B
			PAGE
			2/3

## 2. □.□□ □□ □□

### 2.1. Input Connector CN1: 12505WR-05(□□)

Pin No.	Symbol	Description
1	GND	GND
2	Vin	Input Voltage : 12V ± 10%
3	ON / OFF	Power System Return
4	CTRL	Dim Adjust, Apply 0V ~5Vdc to Control Lamp Current 0V : 5.7mA, 5V : 2.1mA
5	GND	GND

### 2.2. Output Connector CN2 : 35001WR - 02A00 (□□)

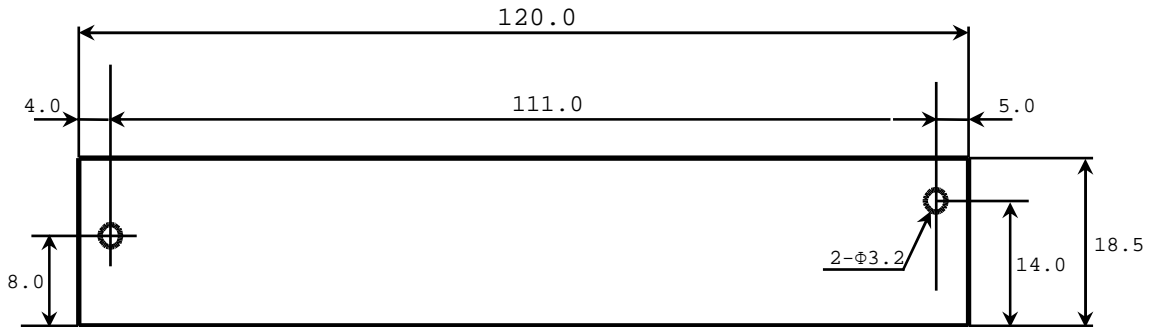
Pin No.	Symbol	Description
1	Lamp H1	High Voltage connection to high side of lamp.
2	Lamp L1	Low Voltage connection to low side of lamp.

□ □ □	02.05.08	TFT LCD BACKLIGHTING	
□ □ □		13.3" INVERTER SPECIFICATION	P/NO.
□ □ □ □			FIF1311-01B
			PAGE
			3/3

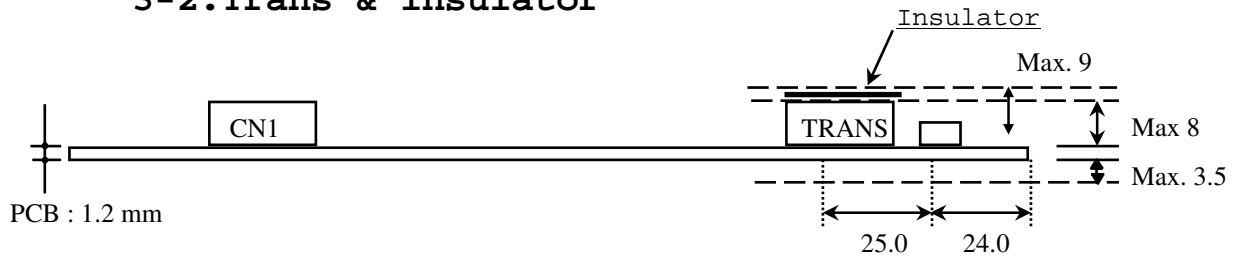
### 3.Mechanical Drawings

\*. Unit : mm  
\*.Tolerance : ± 0.2mm

#### 3-1.P.W.B



#### 3-2.Trans & Insulator



#### 3-3 Marking

