

SPECIFICATION FOR REFERENCE

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

TFT LCD BACKLIGHTING INVERTER

PART NO. : FIF1011-12A

BUYER'S PART NO.:

CONTENTS

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

1. Electrical Characteristics

- Analog dimming

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=0V	0.35	0.45	0.55
				CTRL=2.5V		-	
3	Output Current	Iout	Vin=12V	CTRL=0V	5.3	5.8	6.3
				CTRL=2.5V		-	
4	Lamp Frequency (kHz)	f	Vin=12V		50	56	62
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				

2. 입·출력 단자 특성

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

Pin No.	Symbol	Description
2	Vin	Input Voltage : 12V \pm 1V
1,5	GND	GND
4	CTRL	Dim Adjust, Apply 0 ~ 5Vdc to Control Lamp Current 0V: max, 2.5V: min
3	ON / OFF	Power System Return (5V:ON, 0V:OFF)

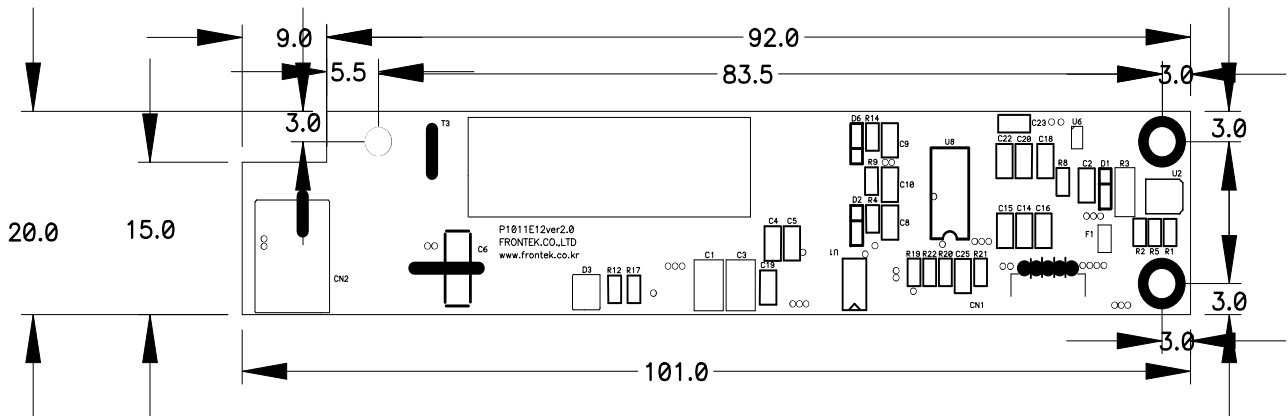
2.2. Output Connector CN2 : 35001WR-02A00 (연호)

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.

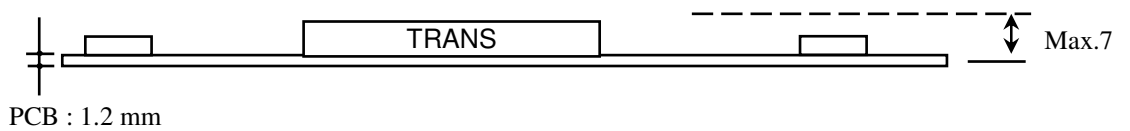
3.Mechanical Drawings

3-1.P.W.B

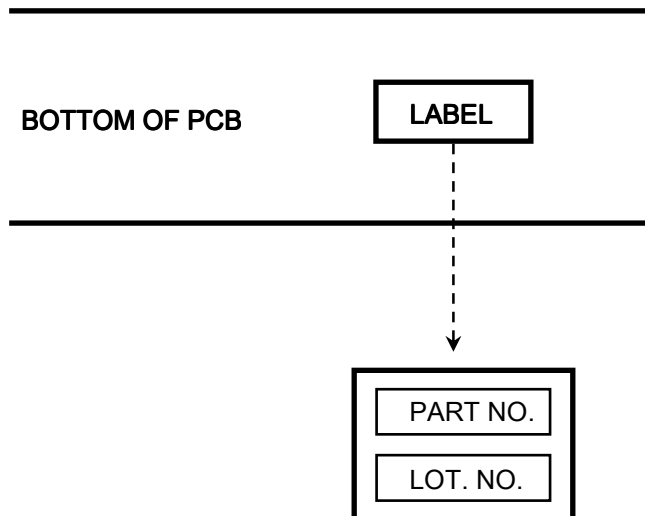
*. Unit : mm
 *.Tolerance : ± 0.2mm



3-2.Trans & Insulator



3-3.Marking



*. PART NO. : FIF1011-12A
 *. LOT NO. : ○○○○○○
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