

FOR MESSRS : _____

SPECIFICATION FOR REFERENCE

(FOR LCD MNT 1 LAMP APPLICATION PURPOSE)

TFT LCD BACKLIGHTING INVERTER

PART NO. : FIF1011-25A

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 (V)	lin			11	12	13
2	Input Current (A)	lin	Vin=12V	CTRL=0V	0.40	0.47	0.55
				CTRL=5V	0.20	0.28	0.35
3	Output Current (mA)	Iout1	Vin=12V	CTRL=0V	5.0	5.7	6.5
				CTRL=5V	1.0	2.0	3.0
4	Lamp Frequency (kHz)	f	Vin=12V	CTRL=0V	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	Kick-Off Voltage(Vrms)	Vk-off	Kick-Off		MORE THAN 1400		
7	Ignition Time(S)				MORE THAN 1SEC		

2. Functional Pin Description

2.1. Input Connector CN1 : 12505WR-05A00 (YEON-HO)

Pin No.	Symbol	Description
1,5	GND	GND
2	Vin	Input Voltage : 12V (typ)
3	ON / OFF	Power System Return
4	CTRL	Dim Adjust, Apply 0V ~5Vdc to Control Lamp Current 0V : 5.7mA, 5V : 2.0mA

2.2. Output Connector CN1 : 35001WR-02A00 (YEON-HO)

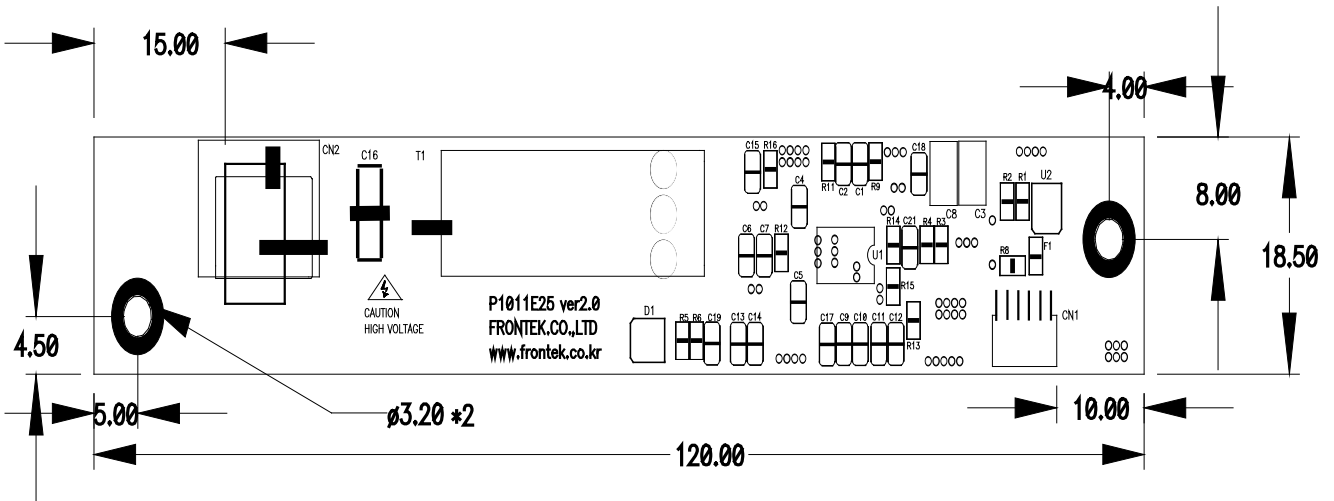
Pin No.	Symbol	Description
1	Lamp H1	High Voltage connection to low side of lamp.
2	Lamp L1	Low Voltage connection to high side of lamp.

3.Mechanical Drawings

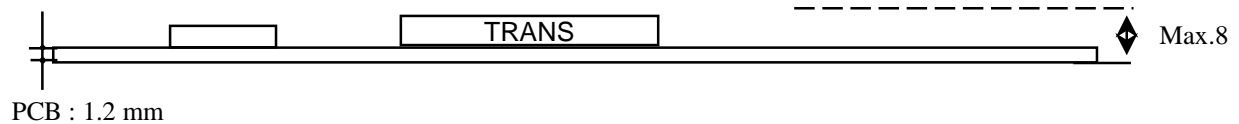
3-1.P.W.B

*. Unit : mm

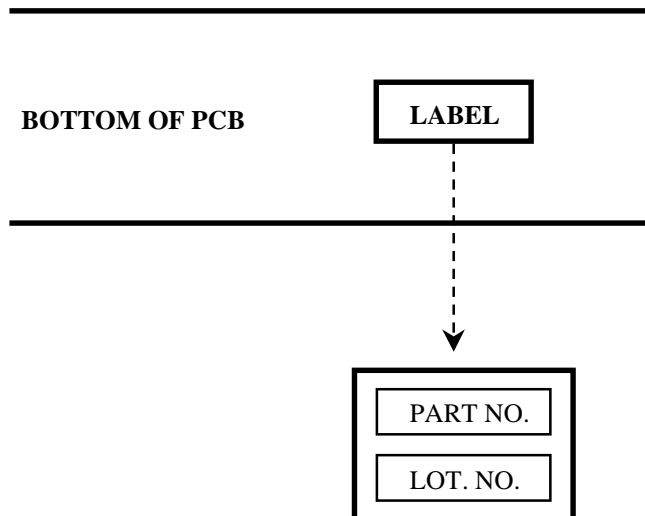
*.Tolerance : ± 0.2mm



3-2.Trans & Insulator



3-3.Marking



*.PART NO: FIF1011-25A

*.LOT NO.: F000000000

F : FRONTEK
 0 : LINE
 00: YEAR
 00: MONTH
 00: DAY
 00: MANUFACTURE