

REV NO. :

DATE : 2004.07.08

FOR MESSRS : _____

SPECIFICATION FOR REFERENCE

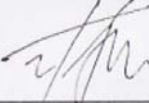
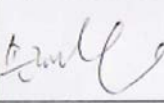

TFT LCD BACKLIGHTING INVERTER

PART NO. : FIF1021-01D

BUYER'S PART NO.: _____

APPROVED	REFERENCE

(PLEASE RETURN ONE OF THESE TO US IMMEDIATELY WITH YOUR SIGNATURE FOR APPROVAL)

TESTED BY	CHECKED BY	APPROVED BY
		
J. S. Kim	J. H. Son	S. I. Ltm

1. Electrical Characteristics

No.	Items (Unit)	Sign.	Condition		Min.	Typ.	Max.
1	Input Voltage (Vdc)	Vin			11	12	13
2	Input Current (A)	Iin	Vin=12V	CTRL=0V	0.3	0.65	1.0
				CTRL=5V	0.15	0.3	0.5
3	Output Current 1,2 total (mA)	Iout	Vin=12V	CTRL=0V	11.0	12.0	14.0
				CTRL=5V	4.0	5.0	7.0
4	Lamp Frequency (kHz)	f	Vin=12V	CTRL=0V	49	54	59
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	Output Voltage	Vout	Vin=12V	CTRL=0V		650	
8	Kick-Off Voltage(Vrms)	Vk-off	Kick-Off		MORE THAN 1300		

2. Functional Pin Description

2.1. Input Connector CN1 : 12505WR-05A00,53261-0590 (YEON-HO,MOLEX)

Pin No.	Symbol	Description
1	GND	GND
2	Vin	Input Voltage : 12Vdc
3	ON / OFF	Power System Return
4	CTRL	Dim Adjust, Apply 0V ~5Vdc to Control Lamp Current 0V : 14.0mA, 5V : 5.5mA
5	GND	GND

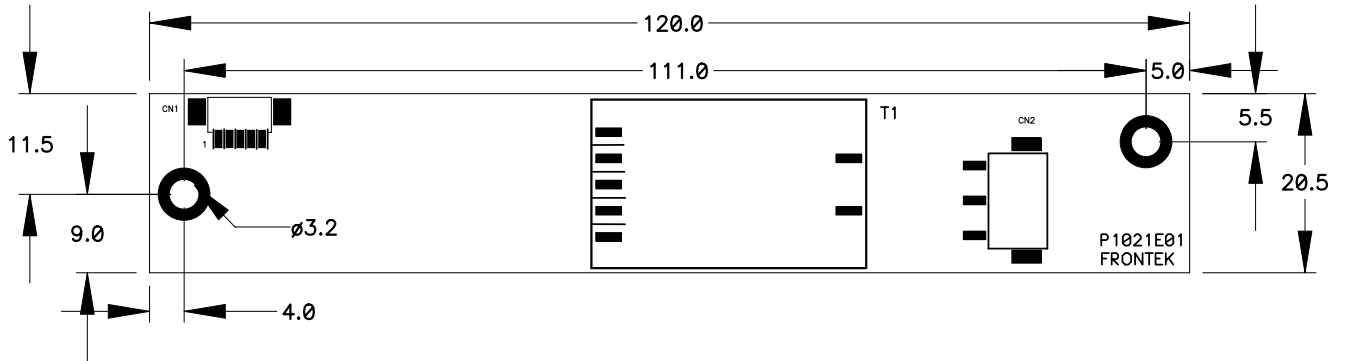
2-1. Output Connector CN2 : BHR-03VS-1(4.0mm pitch) , JST, YEON-HO

Pin No.	Symbol	Description
1	Lamp H1	High Voltage Connection to high side of Lamp.
2	Lamp H2	High Voltage Connection to high side of Lamp.
3	Lamp L	Low Voltage Connection to low side of Lamp.

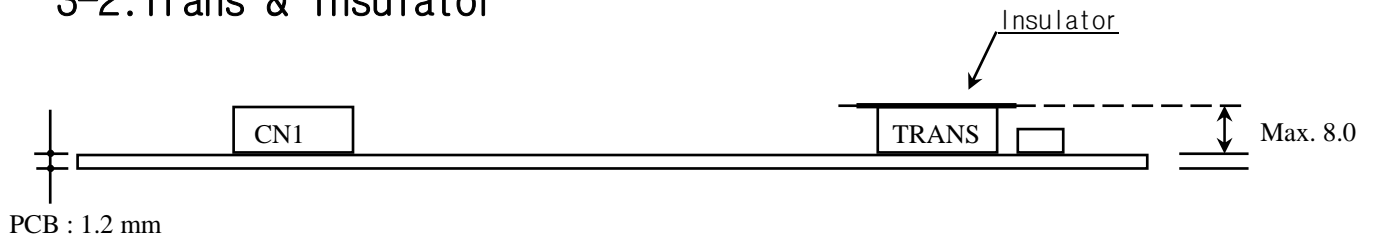
3.Mechanical Drawings 3-1.P.W.B

*. Unit : mm

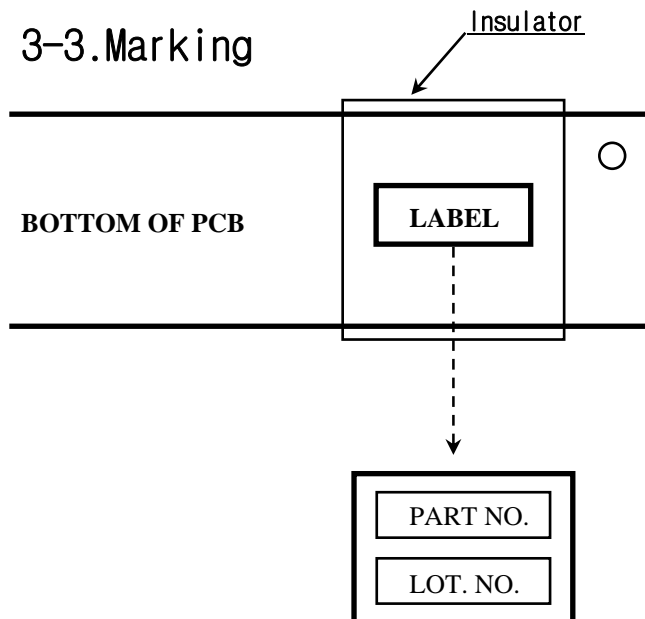
*.Tolerance : ± 0.2mm



3-2.Trans & Insulator



3-3.Marking



*.PART NO. : FIF1021-01D

*.LOT NO. : FA ○○○○○○

YEAR MONTH DAY