

FOR : _____

PRELIMINARY SPECIFICATION

(FOR LCD MNT 20.1" APPLICATION)

TFT LCD BACKLIGHTING INVERTER

PART NO. : FIF2066-35A

BUYER'S PART NO.: _____

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1. Electrical Characteristics

	Items (Unit)	Sign.	Condition		Min.	Typ.	Max.
1	Input Voltage (Vdc)	Vin			14	15	16
2	Input Current (A)	Iin	Vin=15V	CTRL=0V	1.9	2.1	2.3
				CTRL=5V	1.30	1.47	1.60
3	Output Current Each Lmap1,2,3 (mA)	Iout 1,2,3	Vin=15V	CTRL=0V	5.0	6.0	7.0
				CTRL=5V	2.0	3.0	4.5
4	Output Current Each Lmap4,5,6 (mA)	Iout 4,5,6	Vin=15V	CTRL=0V	5.0	6.0	7.0
				CTRL=5V	2.0	3.0	4.5
5	Lamp Frequency (kHz)	f	Vin=15V	CTRL=0V	40	54	60
6	ON/OFF Control	ON	Vin=15V, ON/OFF=5V		Normal Operation		
		OFF	Vin=15V, ON/OFF=0V		Shunt-down (Lamp off)		
7	Dim Adjust (Lamp Current Control)	CTRL	CTRL=0V,Max Current		0 ~ 5 Volt.		
			CTRL=5V,Min Current				
8	Kick-Off Voltage(Vrms)	Vk-off	Kick-Off		MORE THAN 1300		

2. Functional Pin Description

2.1. Input Connector CN1 : 12505WR-10A00(YEON-HO) 53261-1290(MOLEX)

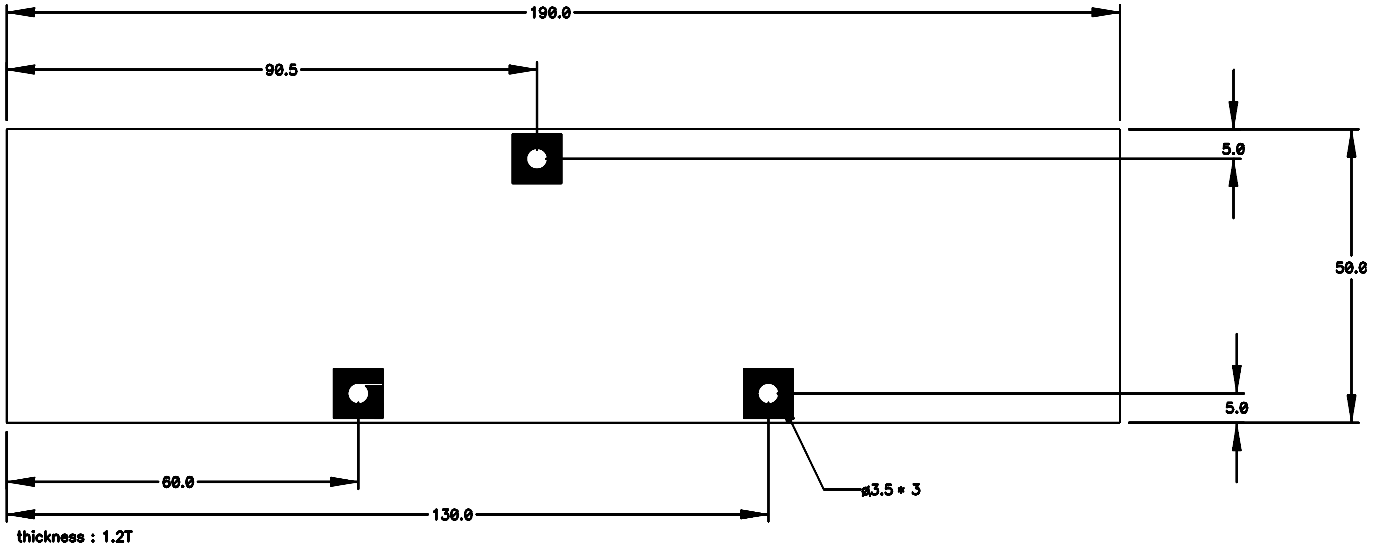
Pin No.	Symbol	Description
1	CTRL	Dim Adjust, Apply 0V ~5Vdc to Control Lamp Current 0V : 6.0mA, 5V : 3.0mA (Each Lamp)
3,4,7,8	GND	GND
5	ON / OFF	Power System Return (5V:ON, 0V:OFF)
2,6	NC	No Connection
9,10	Vin	Input Voltage : 15V \pm 1V

2.2. Output Connector CN2,CN3,CN4,CN5,CN6,CN7 : SM02B-BHS-1-TB (Yeon Ho,MOLEX,JST)

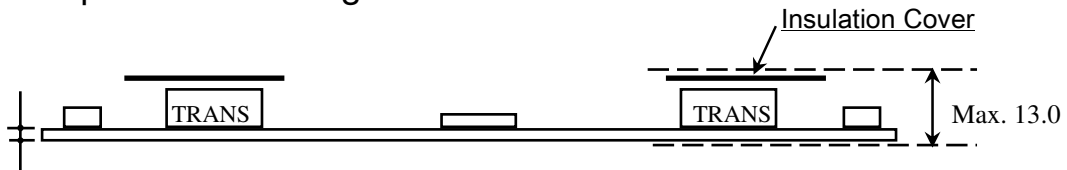
Pin No.	Symbol	Description
1	Lamp H1	High Voltage connection to high side of lamp.
2	Lamp L1	Low Voltage connection to low side of lamp.

3. Mechanical Drawing

3-1. P.W.B



3-2. Component Max Height



PCB : 1.2 mm

3-3. Marking

