

SPECIFICATION FOR REFERENCE

(FOR LCD MNT 15" APPLICATION PURPOSE)

TFT LCD BACKLIGHTING INVERTER

PART NO. : FIF1521-35A

BUYER'S PART NO.:

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1. Electrical Characteristics

▶ Analog Dimming

▶ Input Voltage(Vdc) : 11.0 ~ 13.0

No.	Items (Unit)	Sign.	Condition		Min.	Typ.	Max.
1	Input Current (A)	I _{in}	V _{in} =12V	CTRL=0V	0.8	0.9	1.0
				CTRL=5V	0.3	0.5	0.7
2	Output Current 1,2(mA)	I _{out1,2}	V _{in} =12V	CTRL=0V	7.0	8.0	9.0
				CTRL=5V	1.5	2.5	3.5
4	Lamp Frequency (kHz)	f	V _{in} =12V	CTRL=5V	47	52	57
5	ON/OFF Control	ON	V _{in} =12V, ON/OFF=5V		Normal Operation		
		OFF	V _{in} =12V, ON/OFF=0V		Shunt-down (Lamp off)		
6	Dim Adjust (Lamp Current Control)	CTRL	CTRL=0V, Max Current		0.0 ~ 5.0 Volt.		
			CTRL=5V, Min Current				
7	Kick-Off Voltage(V _{rms})	V _{k-off}	Kick-Off		MORE THAN 900V _{rms}		

2. Functional Pin Description

2.1. Input Connector CN6 : 12505WR-12A00 (YEON-HO)

Pin No.	Symbol	Description
10,11,12	Vin	Input Voltage : 12V \pm 1V
1,3.5.6.8.9	GND	GND
2	CTRL	Dim Adjust, Apply 0V ~ 5Vdc to Control Lamp Current 0 V : 8.0mA, 5V : 2.5mA (Each Lamp)
4	ON / OFF	Power System Return (5V:ON, 0V:OFF)

2.2. Output Connector CN2,3 : 20015WR-05A00 (Yeon Ho)

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.

