

SPECIFICATION

CUSTOMER : _____

MODULE NO.: **WICCFL4 #**

<p style="text-align: center; font-weight: bold; font-size: 1.2em;">APPROVED BY:</p> <p style="text-align: center;">(FOR CUSTOMER USE ONLY)</p>	<p style="text-align: center;">PCB VERSION: DATA:</p>
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SALES BY	APPROVED BY	CHECKED BY	PREPARED BY
ISSUED DATE:			

RECORDS OF REVISION	MODLE NO :
	DOC. FIRST ISSUE

VERSION	DATE	REVISED PAGE NO.	SUMMARY
0	2006.07.11		First issue

W: for Newhaven graphic LCD version "W"

I: Voltage inverter

CCFL: for CCFL backlight

4: version 4 = 5Vdc in, 220Vrms out

#: RoHS compliant

1. GENERAL

This specification is applied to WICCFL4# as driver for CCFL.

2. INPUT CHARACTERISTICS

Parameter	Symbol	Min	Nom	Max	Unit	Remark
Input Voltage	V _{in}	4.5	5.0	5.5	V	
Input Current	I _{in}	—	—	450	mA	V _{in} =5V
Input Power	P _{in}	—	2.25	—	W	V _{in} =5V

3. OUTPUT CHARACTERISTICS

Parameter	Symbol	Min	Nom	Max	Unit	Remark
Output Voltage	V _o		220		V _{rms}	V _{in} =5.0V
Start Voltage	V _v	400	500	600		
Tube Current	I _L	5.2	5.7	6.2	mA	V _{in} =5.0V
Working Frequency	f	32	35	42	KHz	
Life Time	Hrs.		20,000		Hrs	DC 5.5V continue

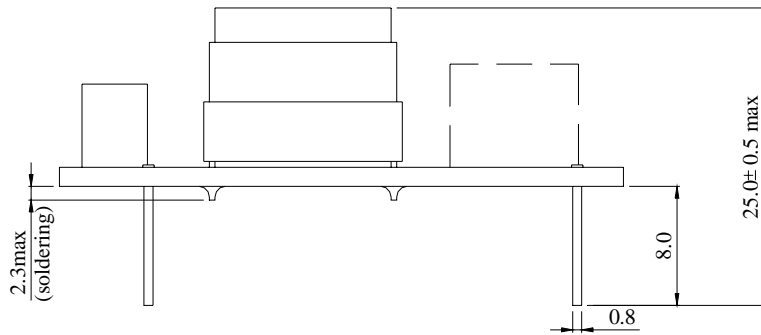
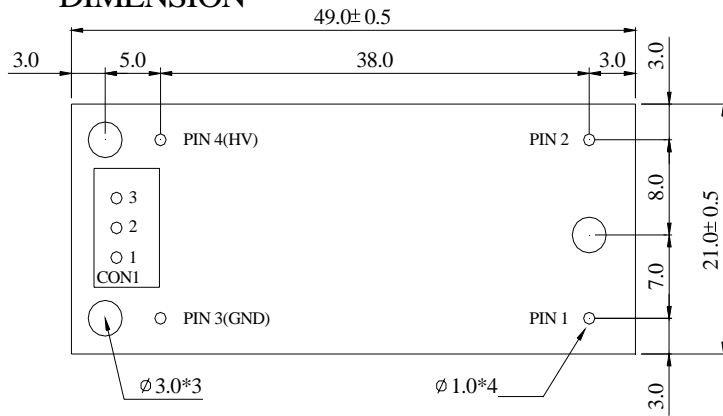
NOTE: All conditions are at 25°C ambient unless otherwise specified.

4. GENERAL SPECIFICATIONS

- a. Temperature operating : -10~85°C
- b. Temperature storage : -20~85°C
- C. Humidity operating : -10~95%RH
- D. Humidity storage : -20~95%RH

WICCFL4

DIMENSION



PIN ASSIGNMENT

UNIT: mm

INPUT CONNECTOR

PIN NUMBER	FUNCTION
PIN 1	V+
PIN 2	GND

OUTPUT(CON1) CONNECTOR 2532-03

PIN NUMBER	FUNCTION
1	GND
2	NC
3	HV

The non-specified tolerance of dimension is $\pm 0.3\text{mm}$