



SPECIFICATION

COSTOM	ER:				
MODULE NO.:		WICCFL1#			
APPROVED BY:					
(FOR CUSTOMER USE ONLY)					
			VERSION:	DATA:	
SALES BY	APPROVED	BY	CHECKED BY	PREPARED BY	
ISSUED DATE:					
			MODEL NO:		
RECORDS OF REVISION			DOC. FIRST ISSU	E	

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

1: version 1 = 5Vdc in, 280Vrms out

#: RoHS compliant

1. GENERAL

This specification is applied to WICCFL1# as driver for CCFL.

2. INPUT CHARACTERISTICS

Parameter	Symbol	Min	Nom	Max	Unit	Remark
Input Voltage	Vin	4.5	5.0	5.5	V	
Input Current	Iin	_	_	450	mA	Vin=5V
Input Power	Pin	_	2.25	_	W	Vin=5V

3. OUTPUT CHARACTERISTICS

Parameter	Symbol	Min	Nom	Max	Unit	Remark
Output Voltage	Vo		280		Vrms	Vin=5.0V
Start Voltage	Vv	450	550	650		
Tube Current	IL	5.2	5.7	6.2	mA	Vin=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 $^{\circ}\text{C}$

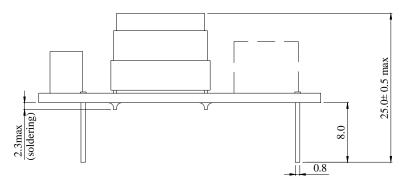
b. Temperature storage : $-20 \sim 85^{\circ}$ C

C. Humidity operating : -10~95%RH

D. Humidity storage : -20~95%RH

WICCFL1

DIMENSION 49.0±0.5 3.0 3.0 5.0 38.0 O PIN 4(HV) PIN 2 21.0 ± 0.5 02 O 1 CON1 O PIN 3(GND) PIN 1 O Ø 1.0*4 3.0 Ø3.0*3



PIN ASSIGNMENT

UNIT: mm

INTPUT 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 0.3mm