

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	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		280		V _{rms}	V _{in} =5.0V
Start Voltage	V _v	450	550	650		
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

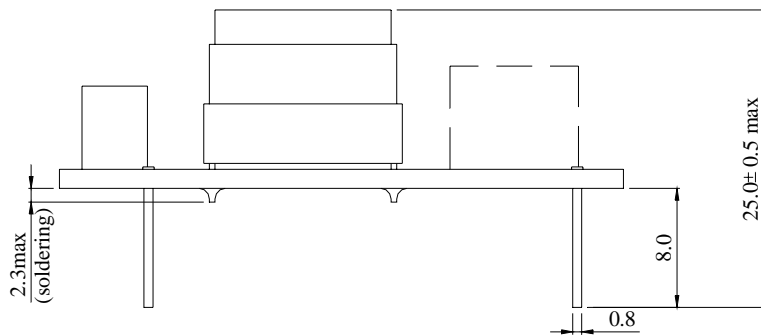
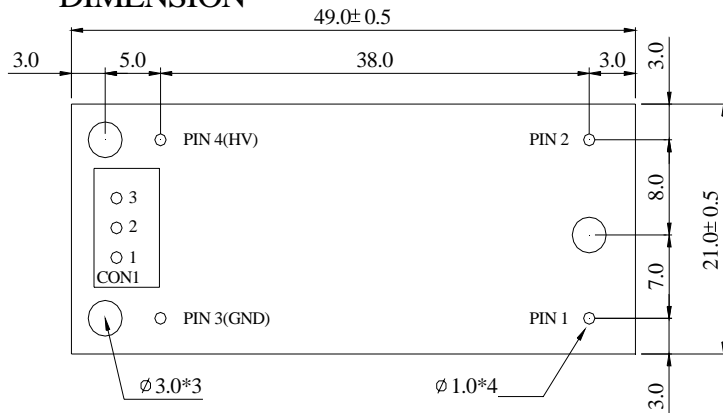
NOTE: All conditions are at 25°C ambient unless otherwise specified.

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

WICCFL1

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 $\pm 0.3\text{mm}$