



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

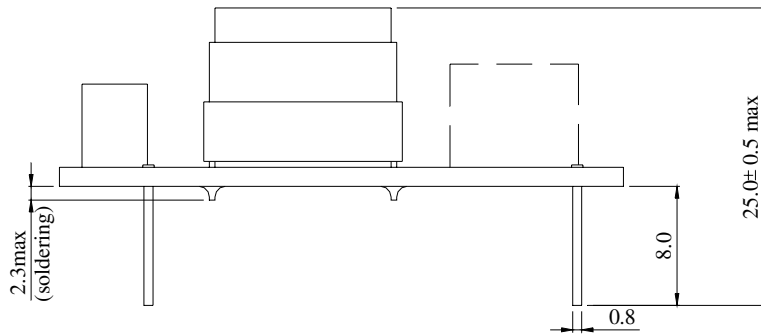
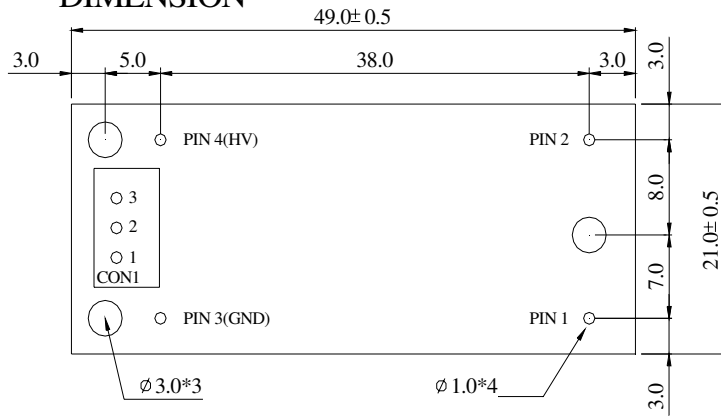
NOTE: All conditions are at 25°C ambient unless otherwise specified.

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 $\pm 0.3\text{mm}$